# Spare parts catalogue
# Ersatzteilkatalog

840099_07 INT 10/2009



Floor standing gas boilers
Gas-Kompaktgeräte mit Brennwerttechnik
ecoCOMPACT, ecoCOMPACT/2
auroCOMPACT, auroCOMPACT/2

VSC INT 126/2-C 140
VSC INT 196-C 150
VSC INT 196-C 150 R1
VSC INT 196-C 150 R3
VSC INT 196/2-C 150
VSC INT 246-C 170
VSC INT 246-C 170 R3
VSC INT 246/2-C 170
VSC INT 246/2-C 210
VSC INT 306/2-C 200

VSC S PL 196-C 200
VSC S HU 196-C 200
VSC S INT 126/2-C 180
VSC S INT 196/2-C 200

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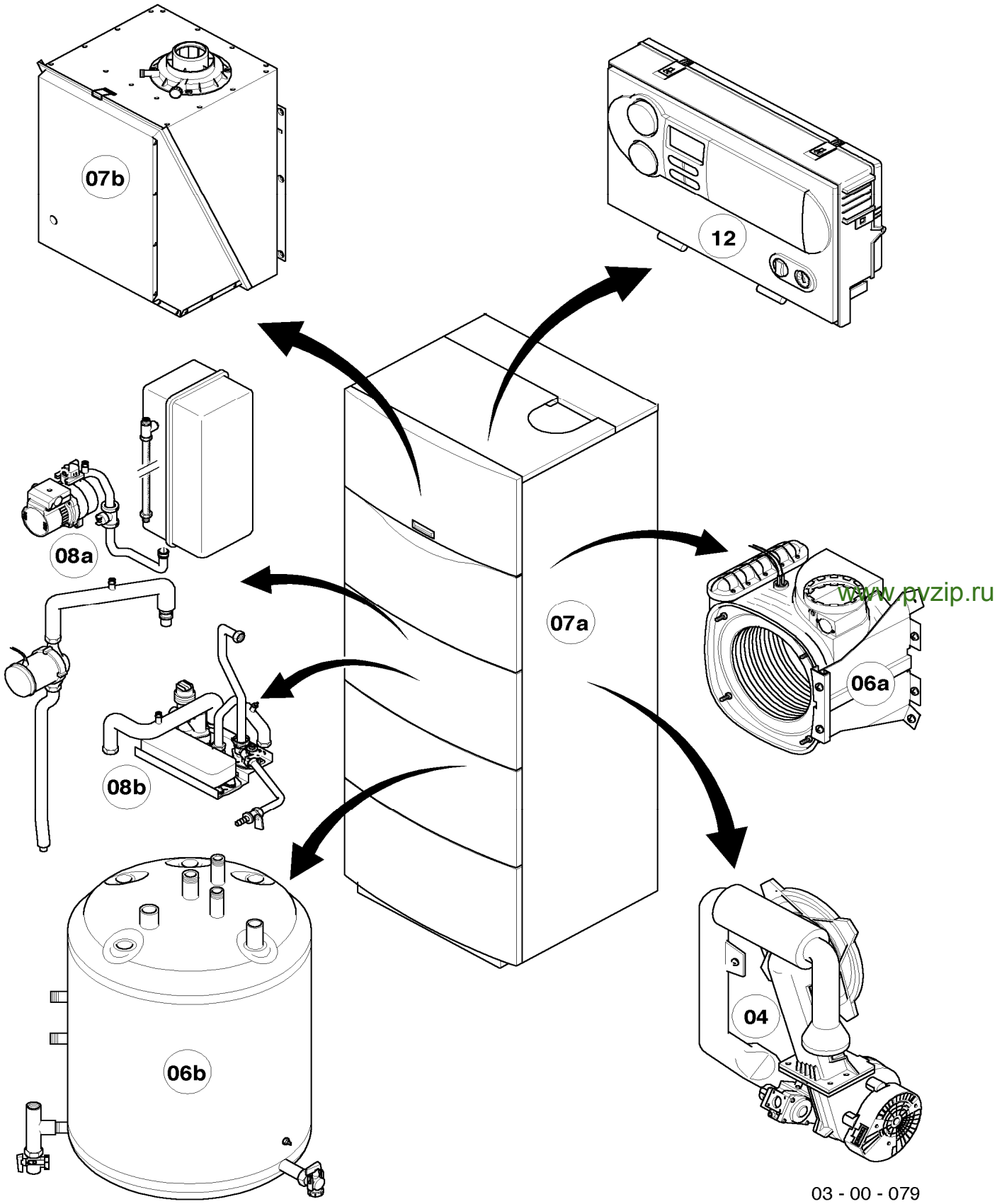

In order to maintain the safe and efficient operation of this appliance, only genuine Vaillant spare parts must be used.

Um alle Funktionen des Vaillant Gerätes auf Dauer sicherzustellen und um den zugelassenen Serienstand nicht zu verändern, dürfen bei Wartungs- und Instandhaltungsarbeiten nur Original Vaillant Ersatzteile verwendet werden!

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# General view of sheet - Baugruppenübersicht

VSC INT 126/2-C 140

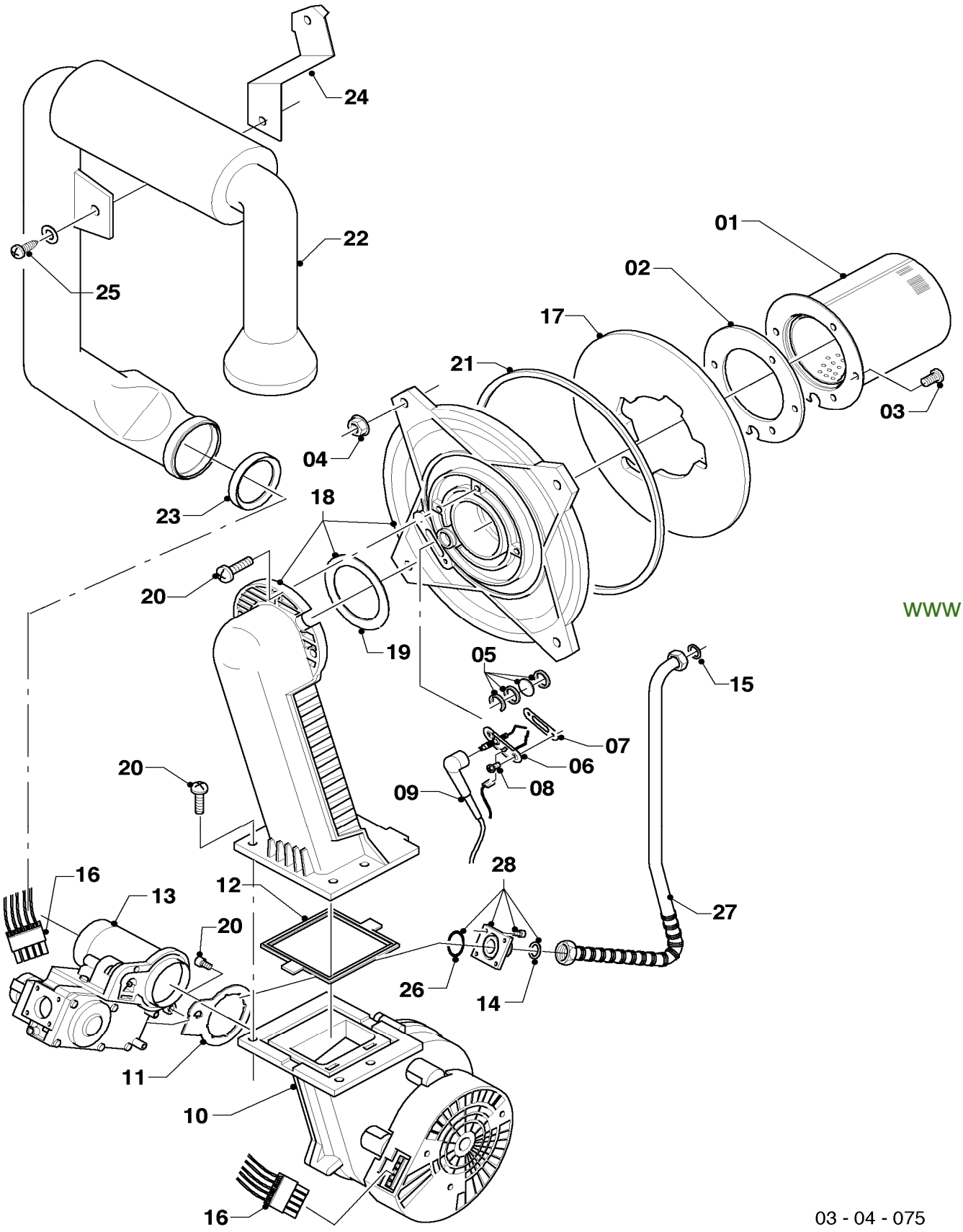



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## 04 Burner - Brenner

VSC INT 126/2-C 140




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# 04 Burner - Brenner

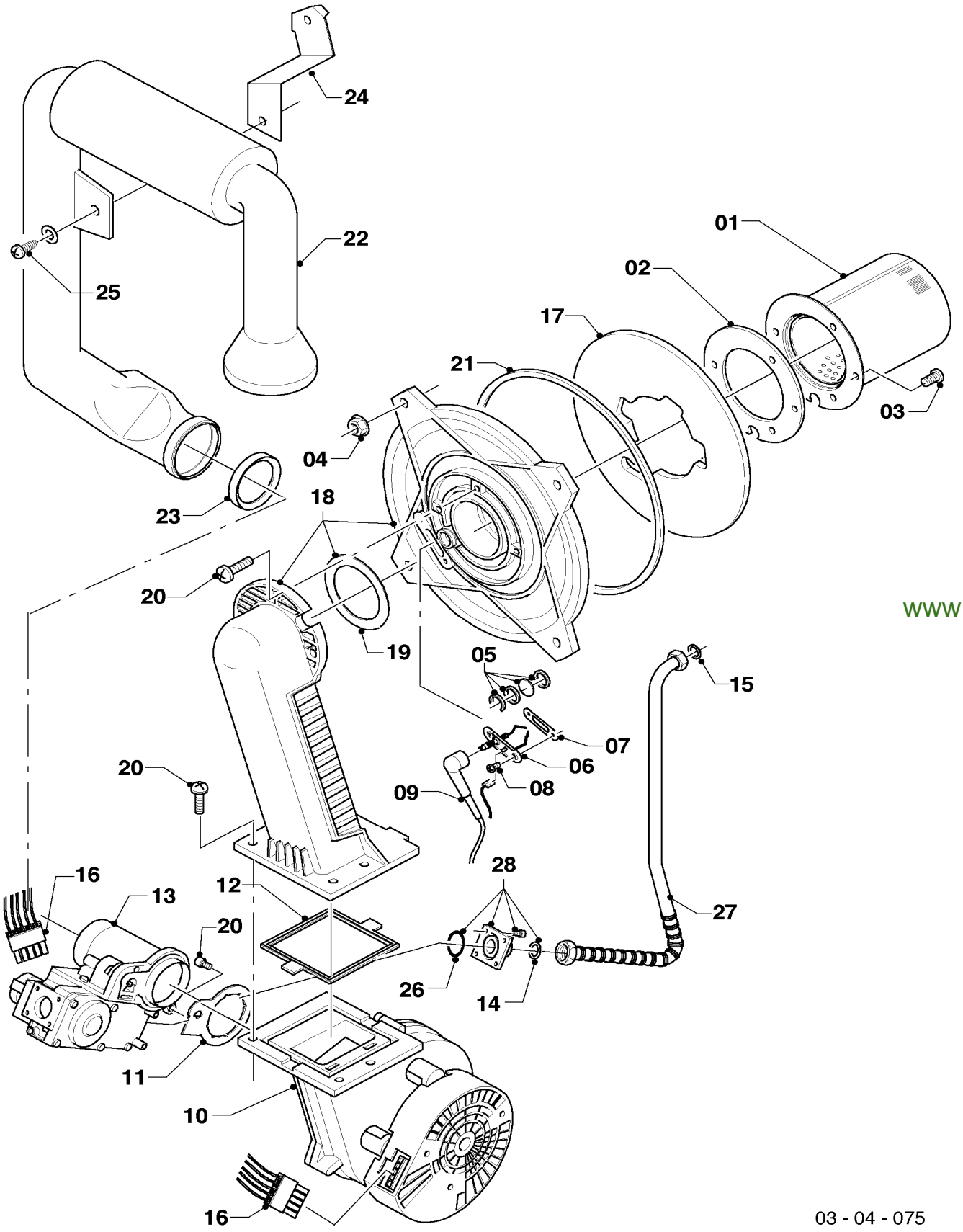
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 049324 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 0020041162 | Gas section | with parts 11, 14, 26 |
| | | Gasarmatur | mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |

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## 04 Burner - Brenner

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## 04 Burner - Brenner

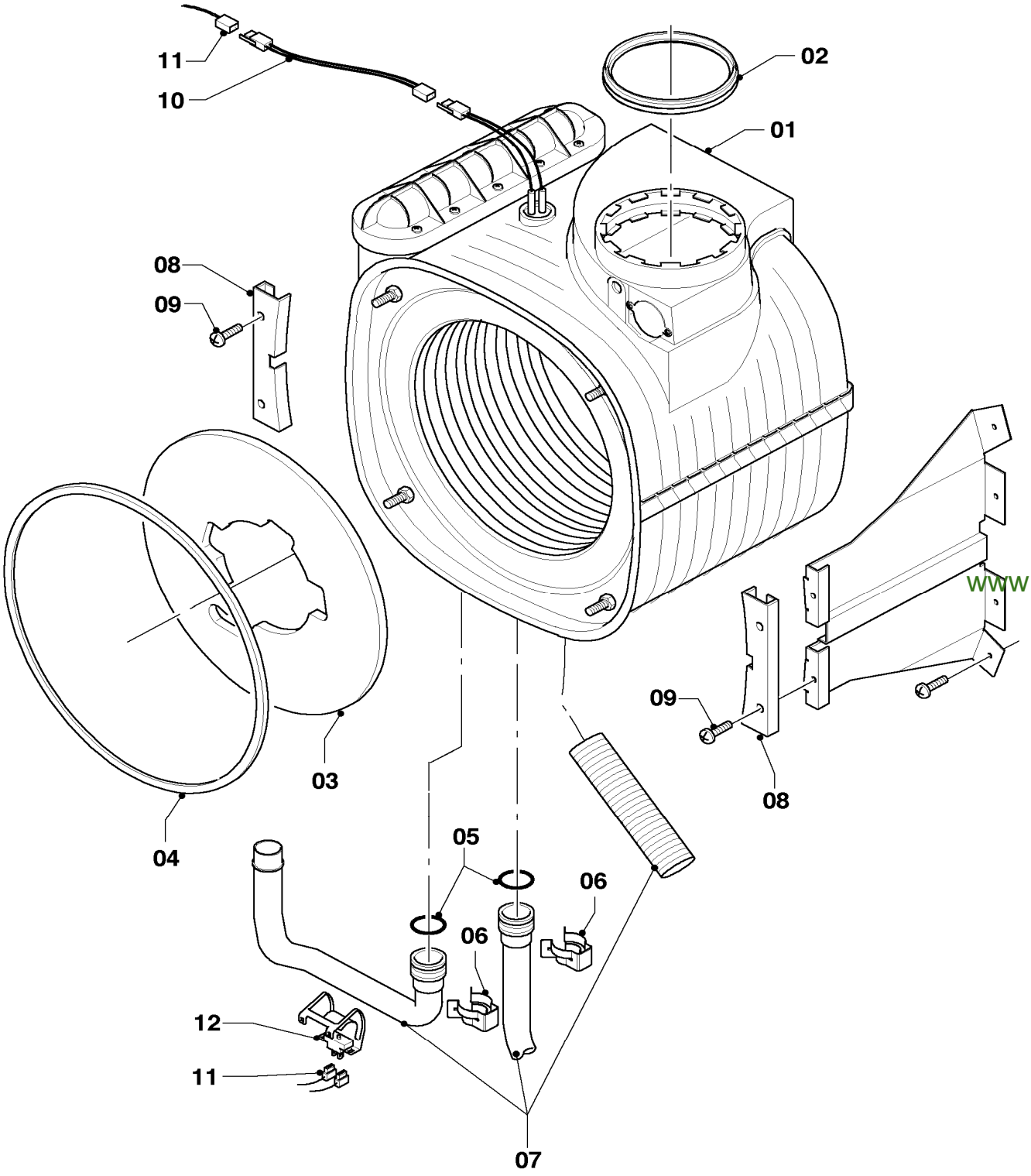
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 22 | 0020041163 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038570 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

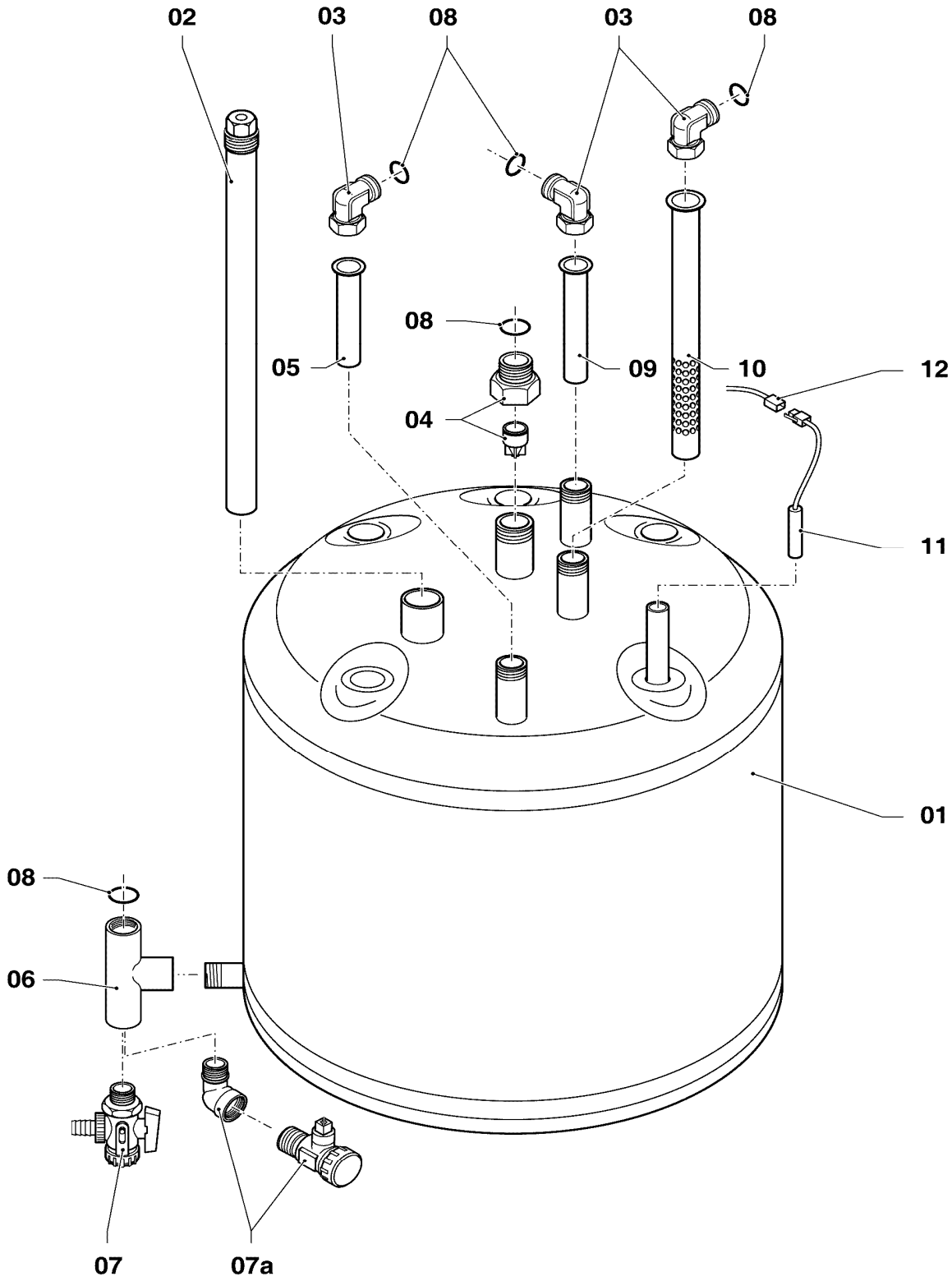
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018181 | Heat exchanger | with parts 02-06 |
| | | Wärmetauscher HW | mit Pos. 02-06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

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03-06-078.01

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## 06b Storage water heater - Warmwasserspeicher

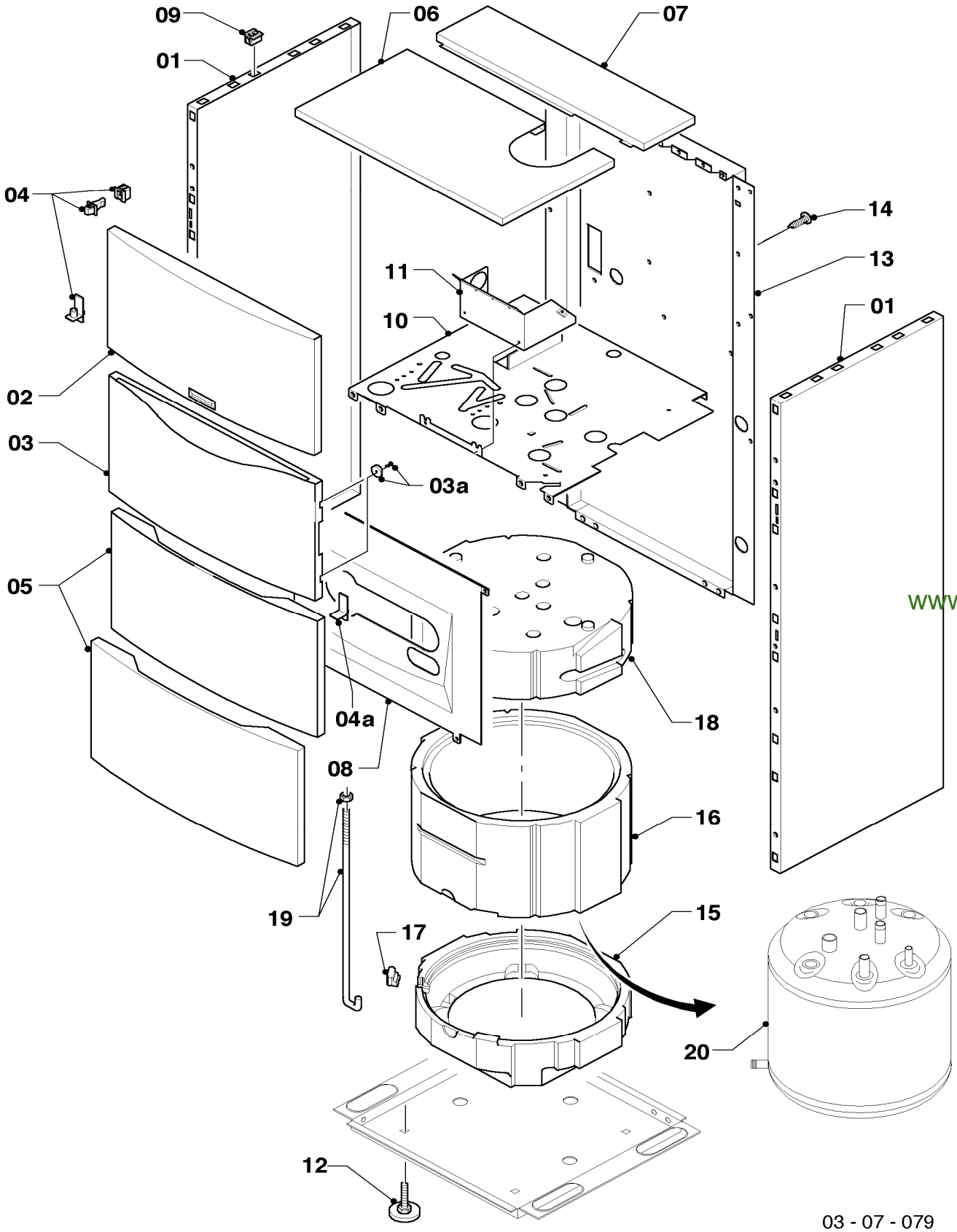
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-078 | |
| 01 | 0020018743 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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## 07a Casing - Verkleidung

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# 07a Casing - Verkleidung

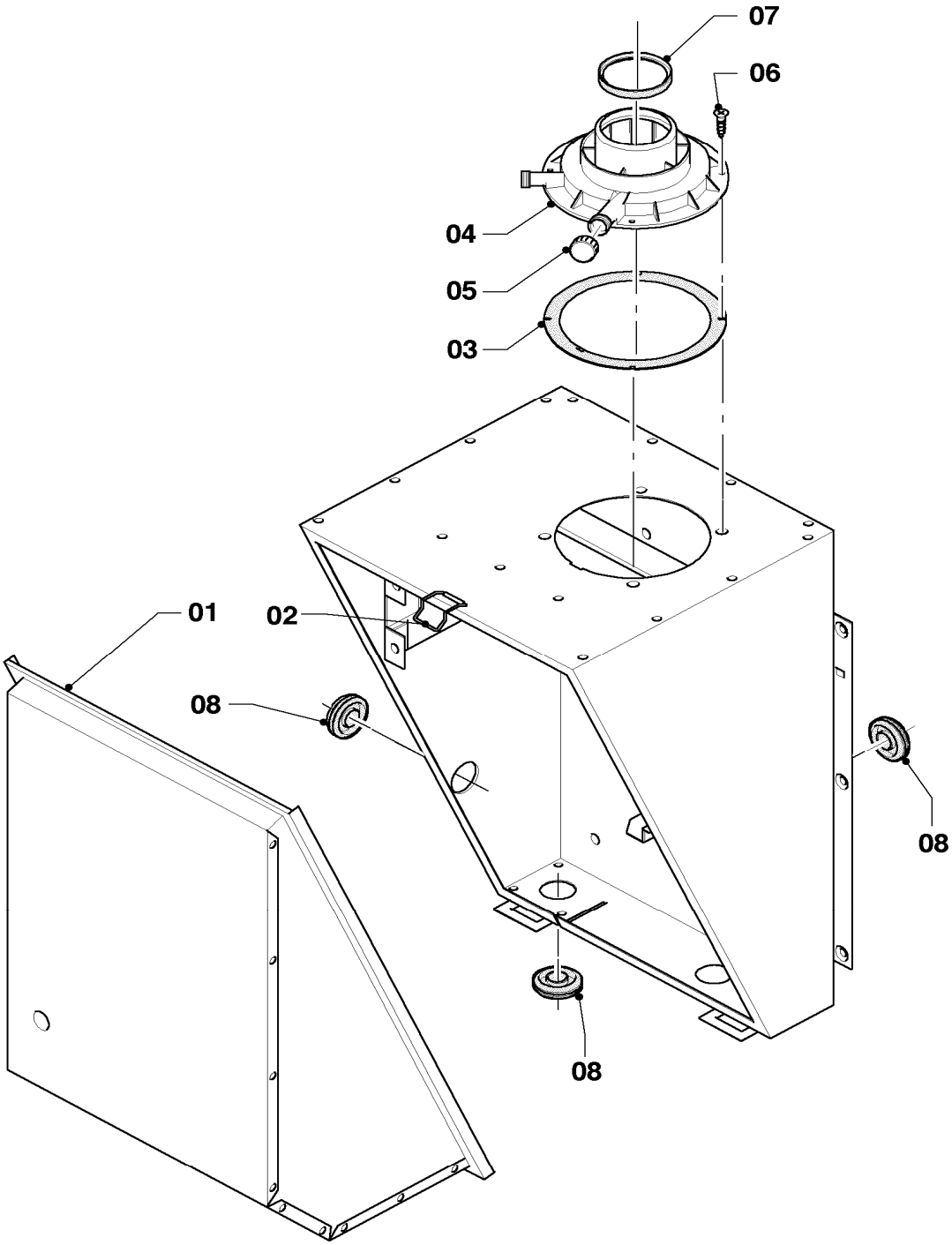
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-079 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038595 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 0020038561 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020038600 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 0020038597 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 0020038596 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

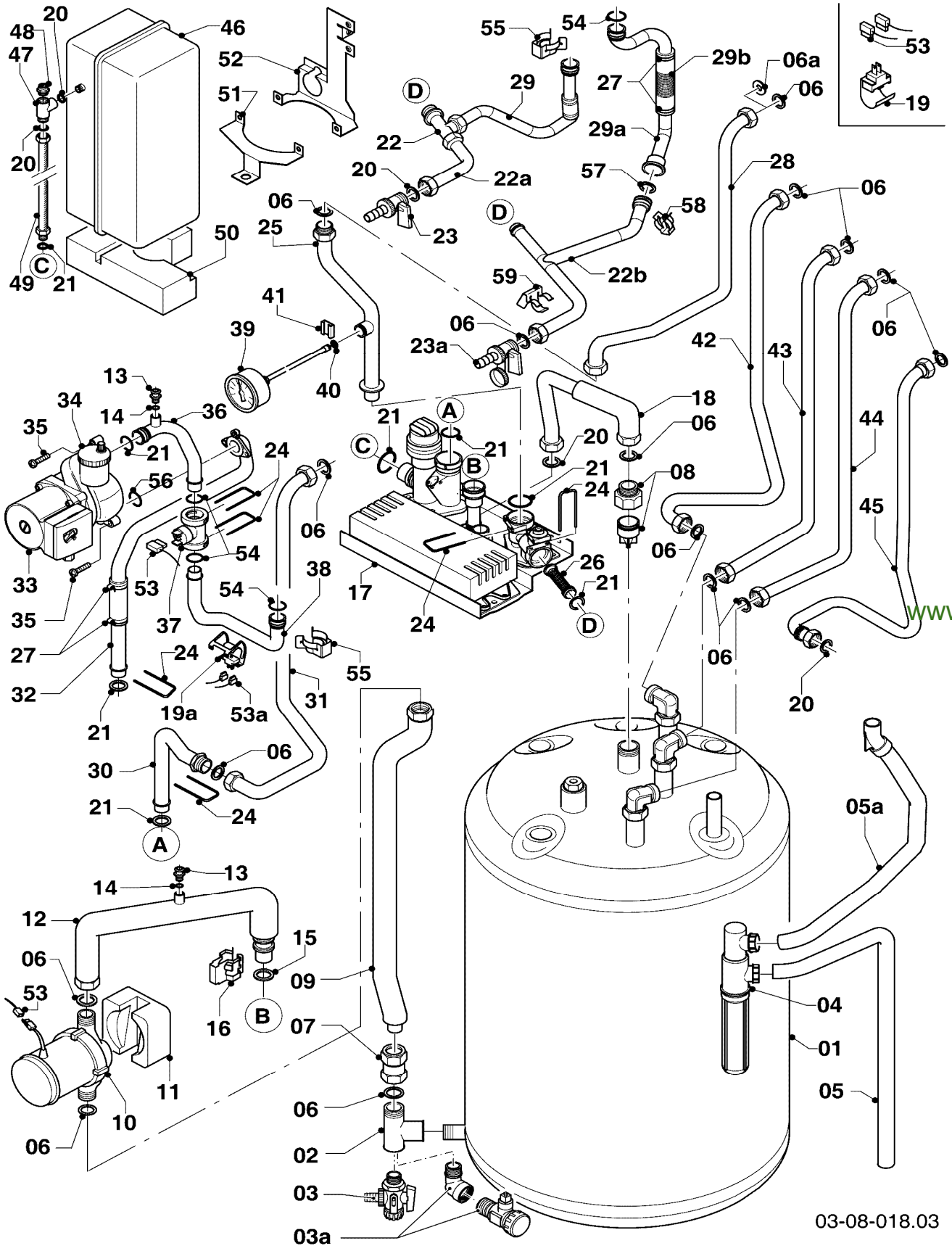
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulik

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# 08a Hydraulic parts - Hydraulik

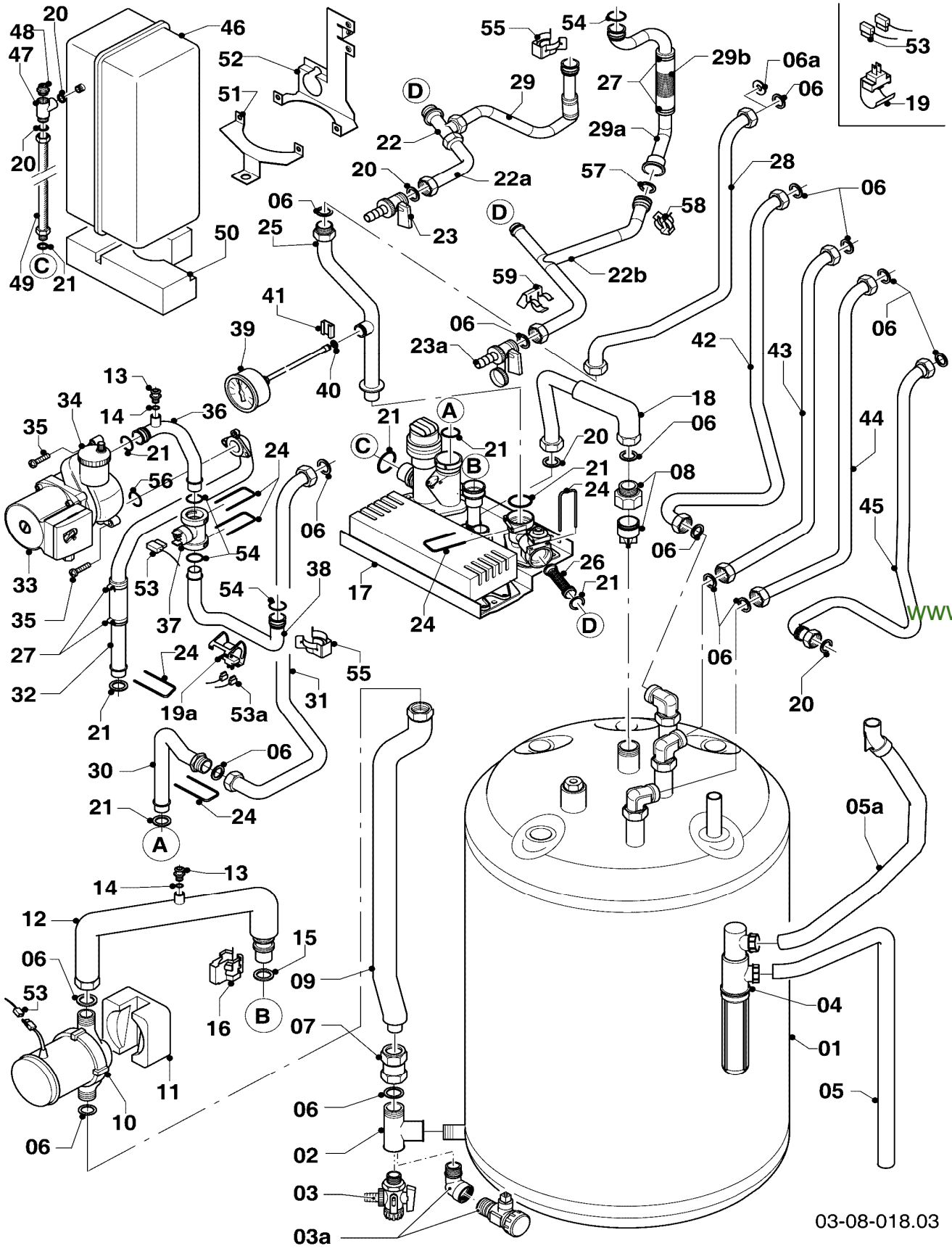
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 01 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 04 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 04 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 05a | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 06a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 09 | 0020038563 | Tube (with insulation) | with part 06 |
| | | Rohr (mit Isolierung) | mit Pos. 06 |
| 10 | 0020038578 | Pump | with part 06 |
| | | Pumpe (Ladepumpe) | mit Pos. 06 |
| 10 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 11 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 12 | 0020038579 | Tube (with insulation) | with parts 06, 13-16 |
| | | Rohr (mit Isolierung) | mit Pos. 06, 13-16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 0020038601 | Tube | |
| | | Rohr (mit Isolierung) | |
| 19 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 19a | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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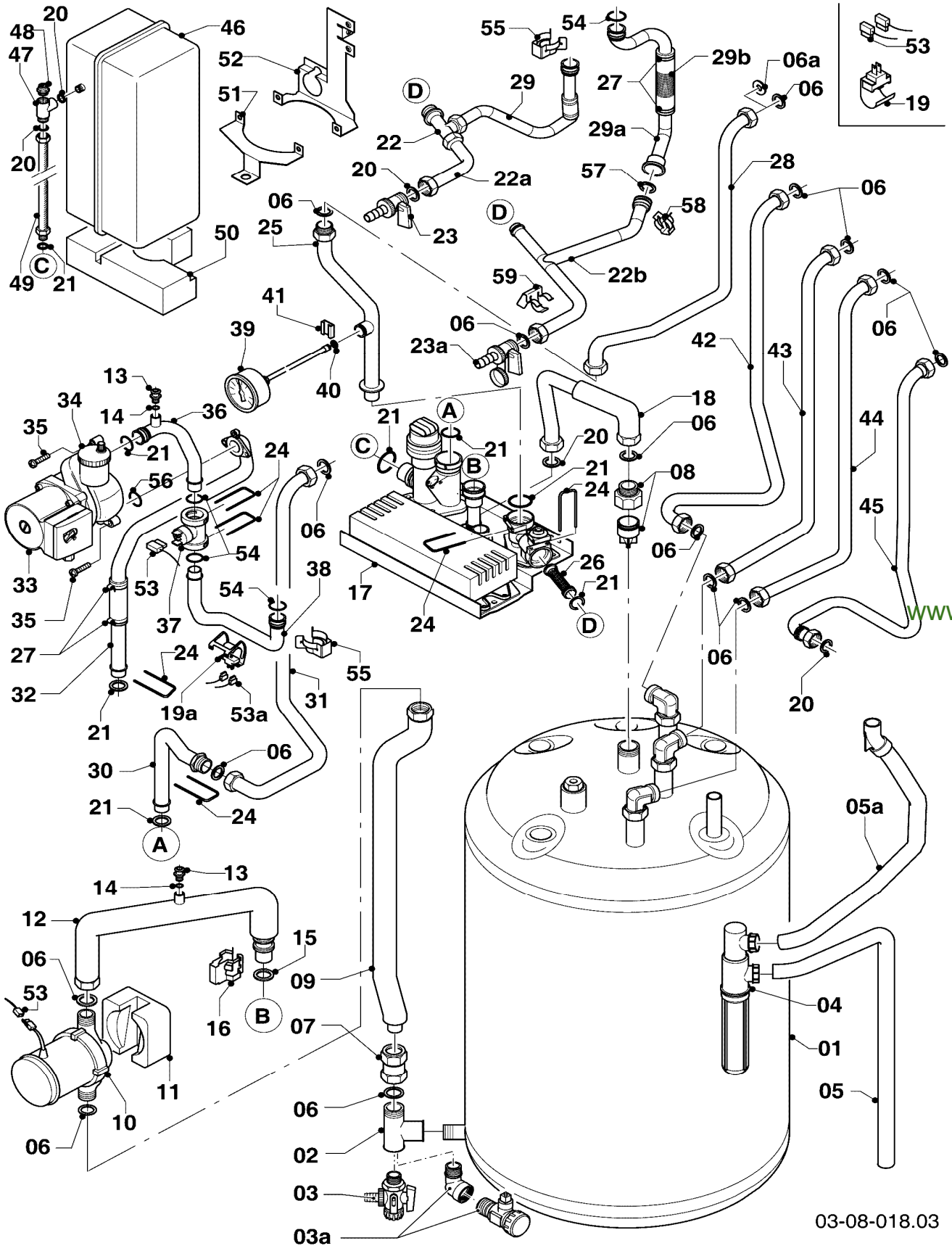
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22a | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22b | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| 23 | 179072 | Drain cock | old execution (with part 20) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 20) |
| 23a | 0020065827 | Valve (G 3/4) | new execution (with part 06) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 06) |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020038580 | Tube | with parts 06, 21, 24 |
| | | Rohr (Manometer) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 29a | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 29b | 080387 | Flexible tube | with part 27 |
| | | Schlauch | mit Pos. 27 |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020038575 | Tube | with parts 21, 24, 27, 56 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 21, 24, 27, 56 |
| 33 | 0020051969 | Pump (heating) | with parts 21, 34, 56 |
| | | Pumpe (Heizung) | mit Pos. 21, 34, 56 |
| 33 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 34 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 35 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 36 | 0020038574 | Tube (pump-sensor) | with parts 13, 14, 21, 24, 54 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 13, 14, 21, 24, 540 |
| 37 | 0020045923 | Sensor (Vortex) | with parts 24, 54 |
| | | Fühler (Vortex) | mit Pos. 24, 54 |
| 38 | 0020038576 | Tube | with parts 24, 54, 55 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 24, 54, 55 |

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# 08a Hydraulic parts - Hydraulik

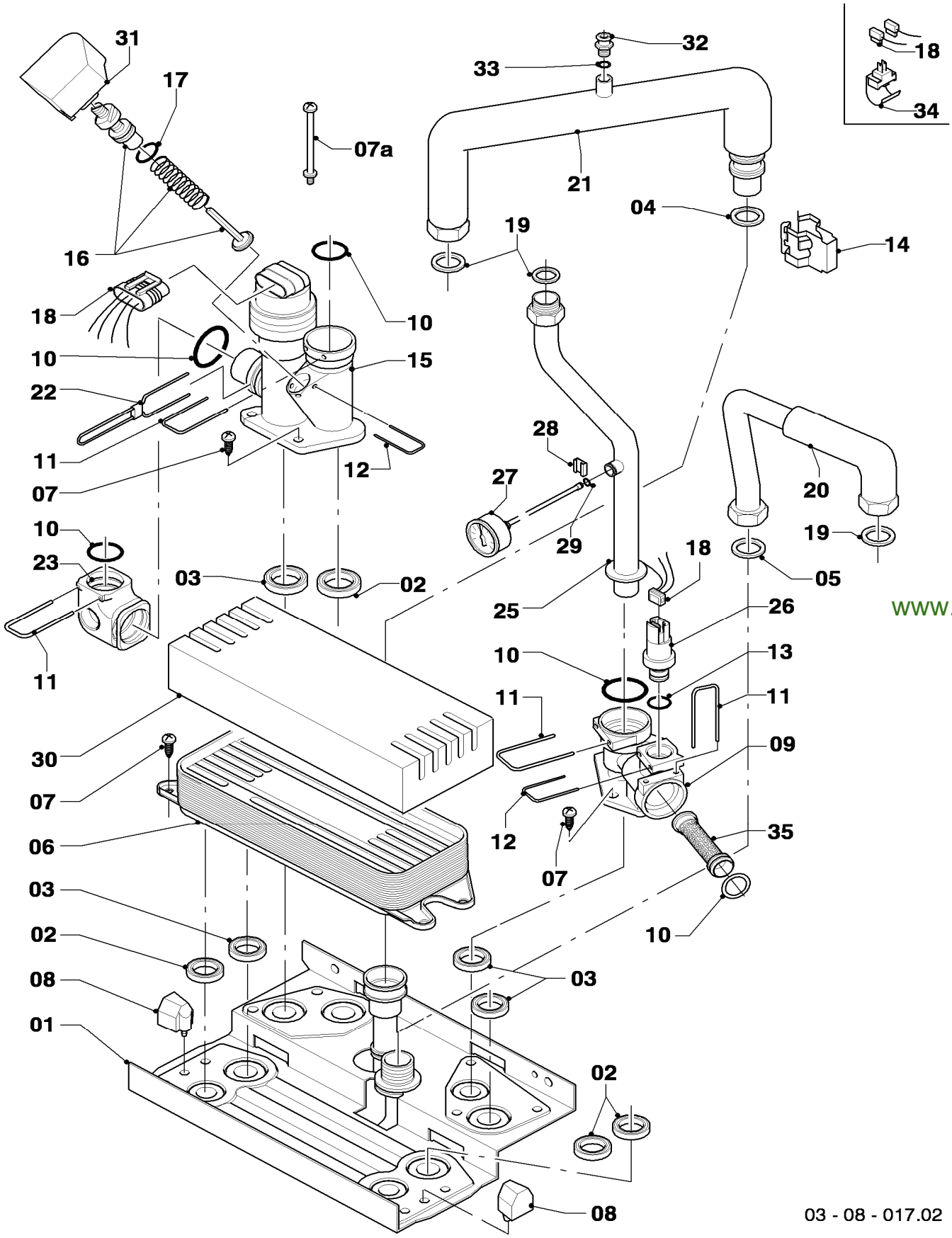
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 44 | 0020064686 | Plug | for appliances without circulation (not shown) |
| | | Stopfen | Verschluss Zirkulationsanschluss (nicht dargestellt) |
| 45 | 0020038570 | Tube (gas) | with parts 06, 20 |
| | | Rohr (Gas) | mit Pos. 06, 20 |
| 46 | 179047 | Expansion vessel 12 ltr. | with part 20 |
| | | Ausdehnungsgefäß 12 ltr. | mit Pos. 20 |
| 47 | 179049 | T-piece | with parts 20, 48 |
| | | T-Stück | mit Pos. 20, 48 |
| 48 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 49 | 179083 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 50 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 51 | 0020038584 | Support (expansion vessel) | |
| | | Halter (ADG, vorne) | |
| 52 | 0020038585 | Support (expansion vessel) | |
| | | Halter (ADG, hinten) | |
| 53 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 53a | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 54 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 55 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 56 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 57 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 58 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 59 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

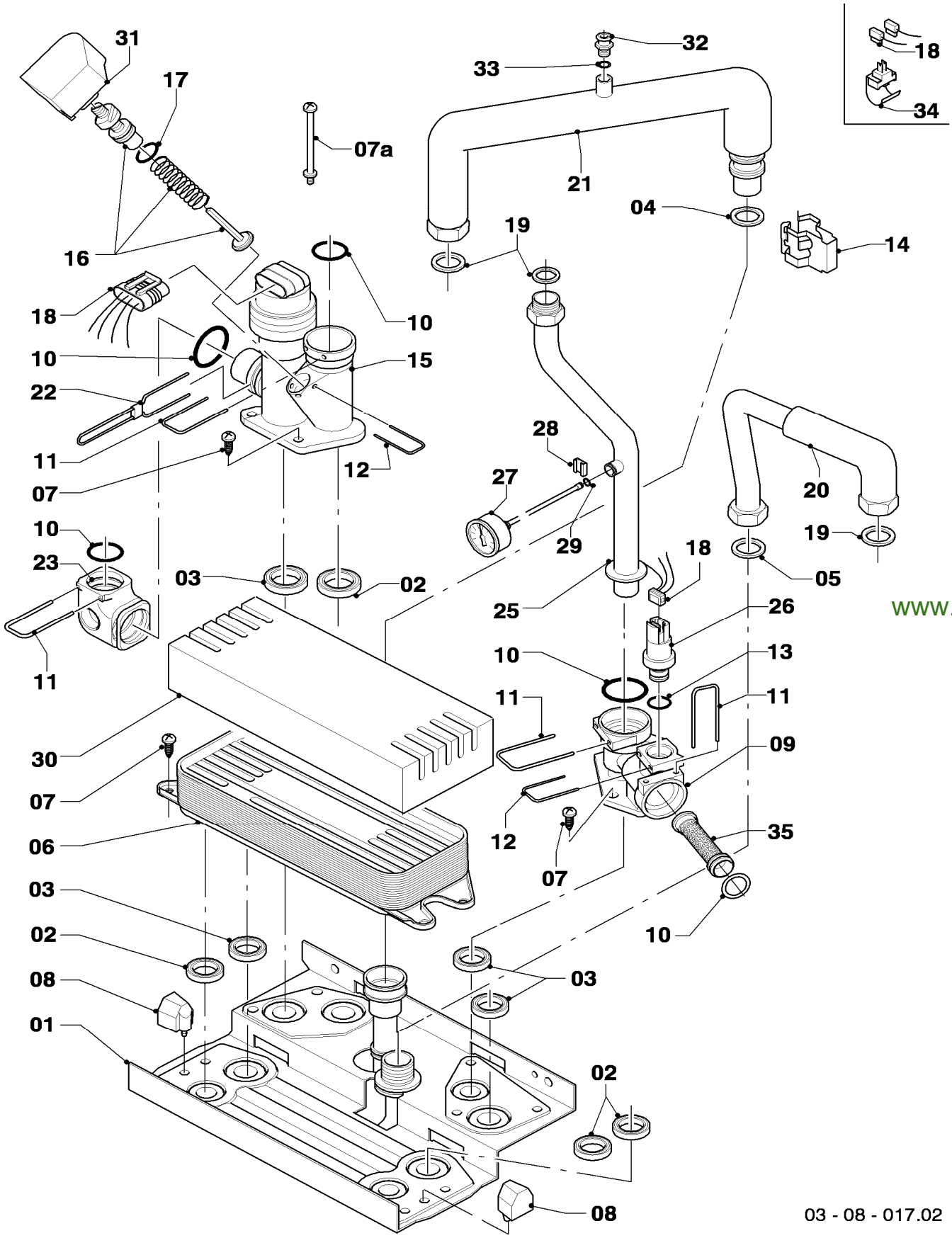
VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

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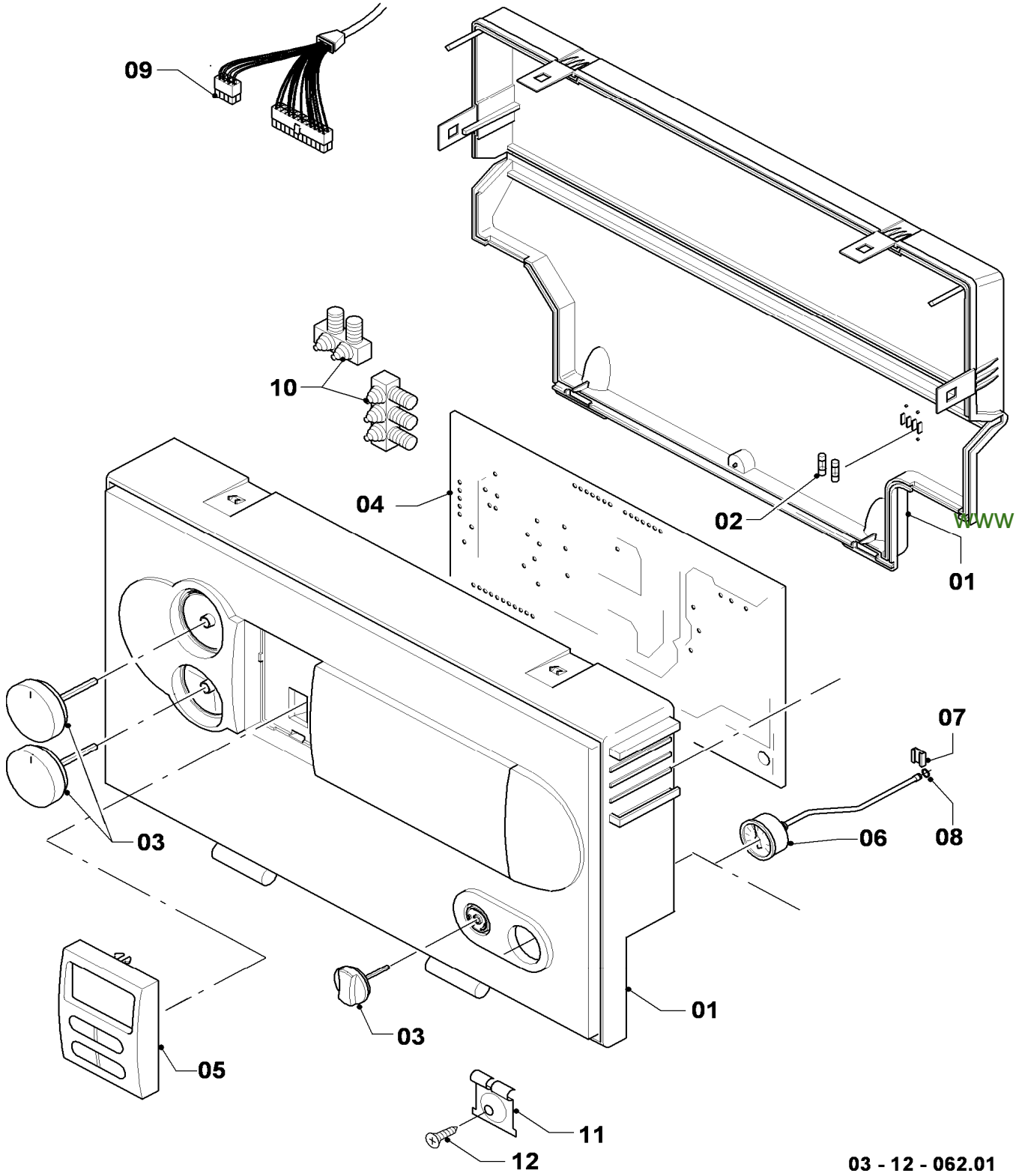
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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## 12 Control panel - Schaltkasten

VSC INT 126/2-C 140

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020038587 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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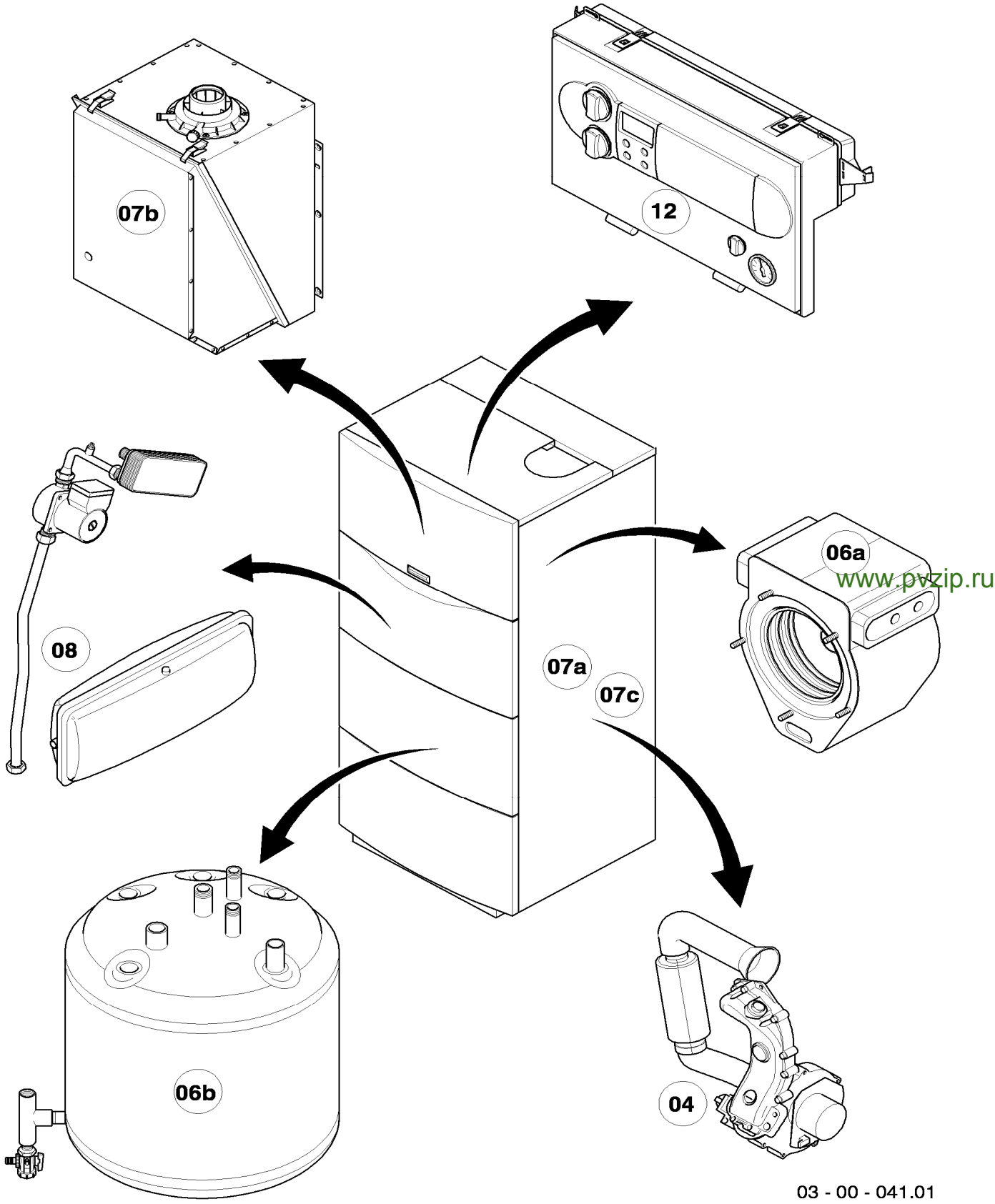
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# General view of sheet - Baugruppenübersicht

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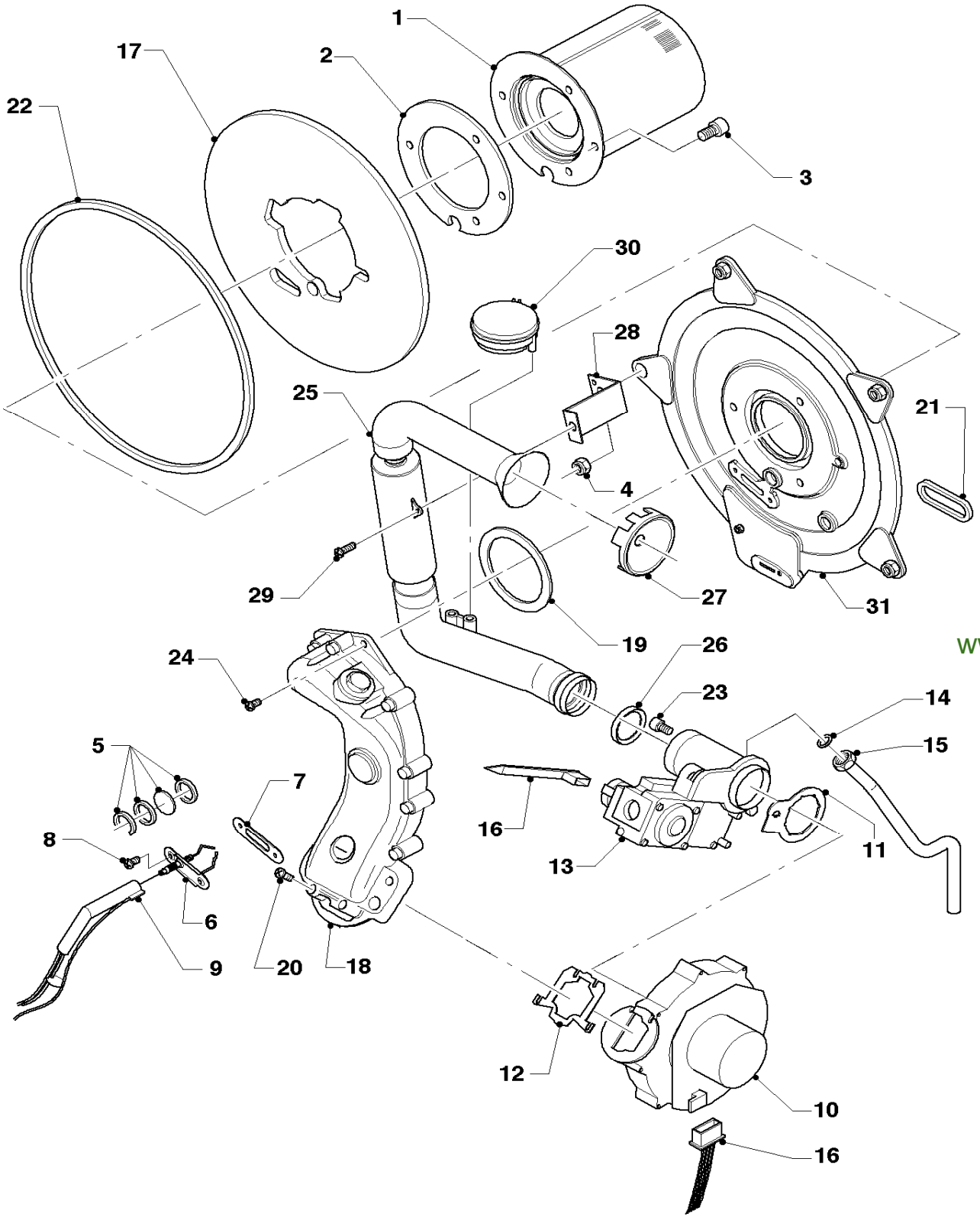



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## 04 Burner - Brenner

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# 04 Burner - Brenner

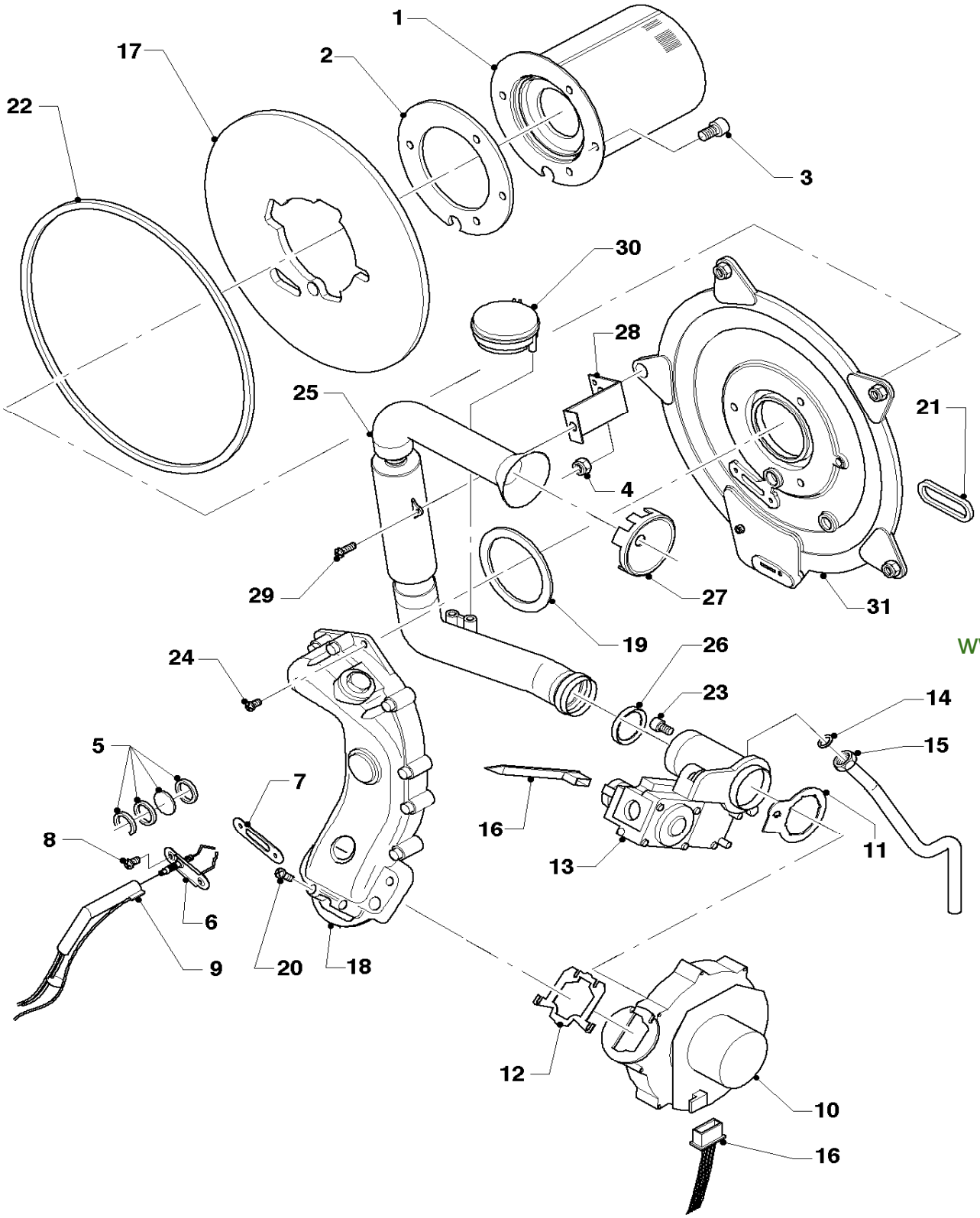
VSC INT 196-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 01 | 049324 | Burner | with part 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with parts 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053470 | Gas section | with parts 11, 14 |
| | | Gasarmatur | mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 256144 | Cable tree | |
| | | Kabelbaum (Gerät, Gasventil etc.) | |
| 17 | 210734 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 116688 | Air gas mixing tube | with part 12,19 |
| | | Krümmer | mit Pos. 12,19 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |

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## 04 Burner - Brenner

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## 04 Burner - Brenner

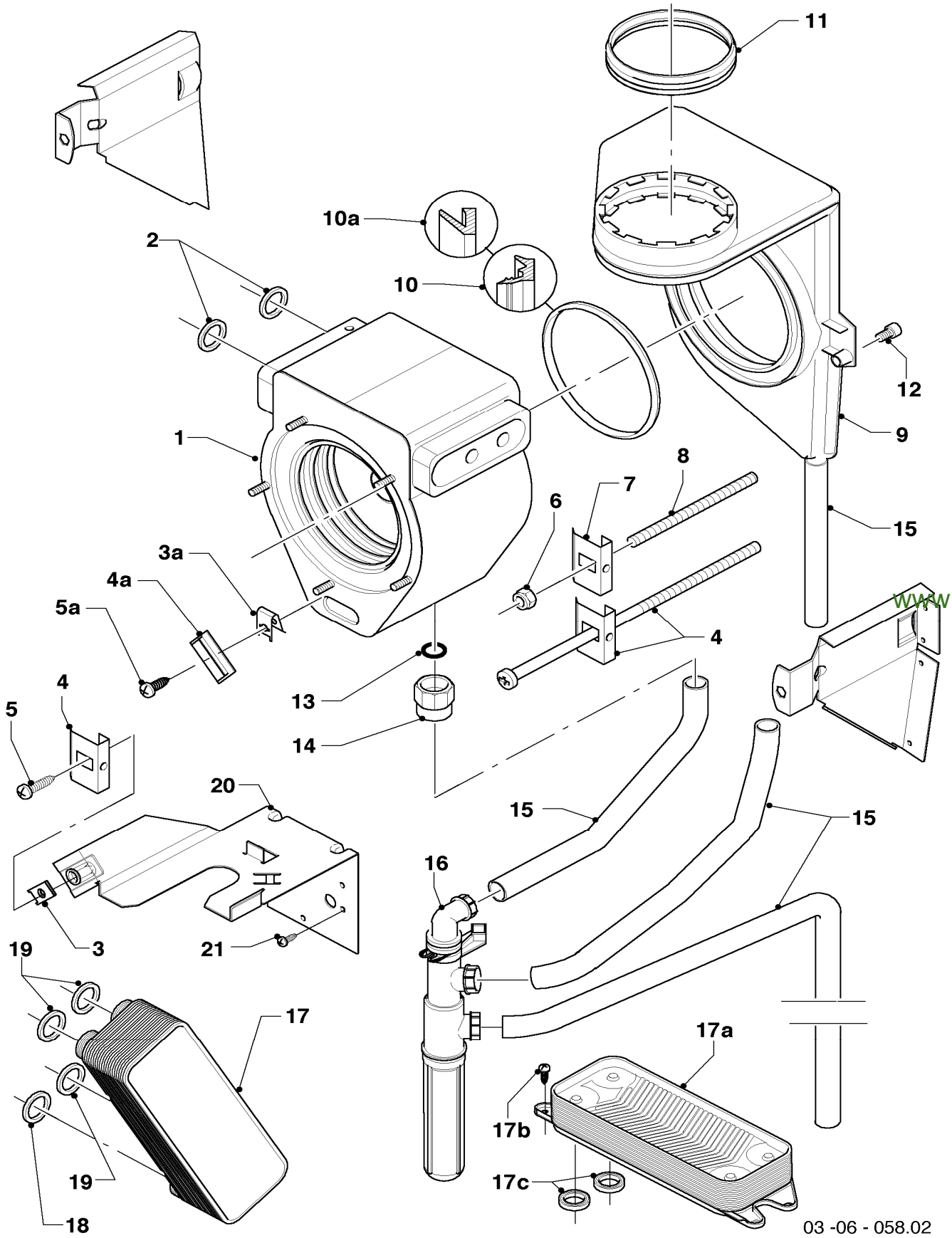
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with part 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | - | - | not necessary / Position entfällt |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with parts 02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

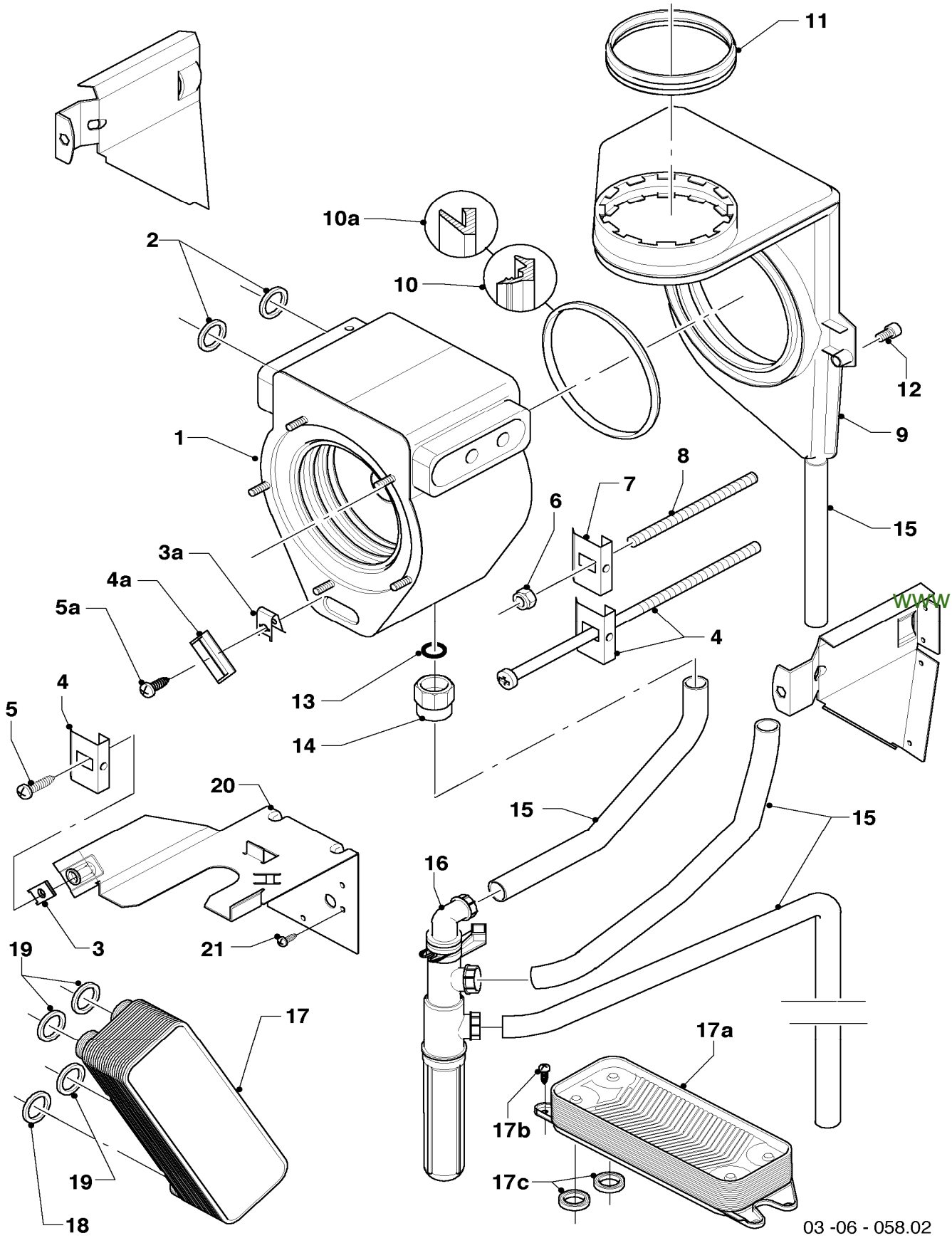
VSC INT 196-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065113 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger, not shown |
| | | Isolierplatte 10 mm | für Wärmetauscher, nicht dargestellt |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 04 | 111992 | Support | with parts 03, 05 |
| | | Halter | mit Pos. 03, 05 |
| 04a | 086992 | Heat exchanger fixing clip 24kW | |
| | | Halter | |
| 05 | 235738 | Screw | |
| | | Blechschraube | |
| 05a | 235738 | Screw | |
| | | Blechschraube | |
| 06 | 114828 | Hexagonal nut | |
| | | Sechskantmutter-M6 EN 1661- | |
| 07 | 087140 | Support heat exchanger | |
| | | Halter (PWT-Befestigung) | |
| 08 | 289802 | Tie rod | |
| | | Gewindestange | |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | Attention! not for old condensing collector! |
| | | Dichtung (PWT-Abgassammler) | Achtung! Dichtung passt nur in Verbindung mit geänderten Abgassammler! |
| 10a | - | - | Packingring is no longer available, please order condensing collector pos. 09, part number 076560. |
| | | - | Dichtung ist nicht mehr lieferbar, bitte neuen Abgassammler Pos. 09, Teile-Nr. 076560 bestellen. |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | 065111 | Heat exchanger dhw (12 plates) | with parts 18-19 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 18-19 |
| 17 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 18-19 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 18-19 |

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## 06a Heat exchanger - Wärmetauscher

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## 06a Heat exchanger - Wärmetauscher

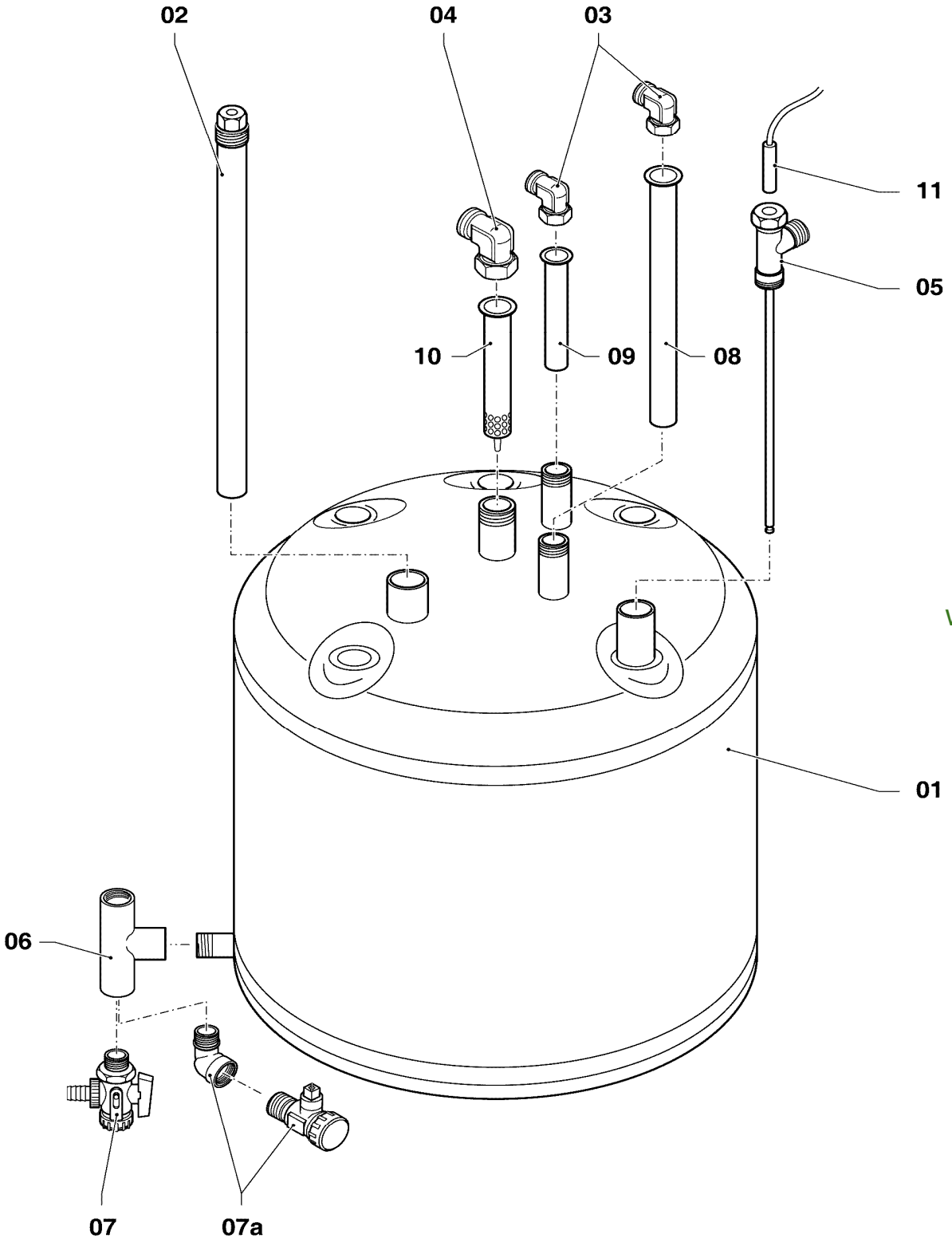
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 17a-c | - | - | not necessary / Position entfällt |
| 18 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 19 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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## 06b Storage water heater - Warmwasserspeicher

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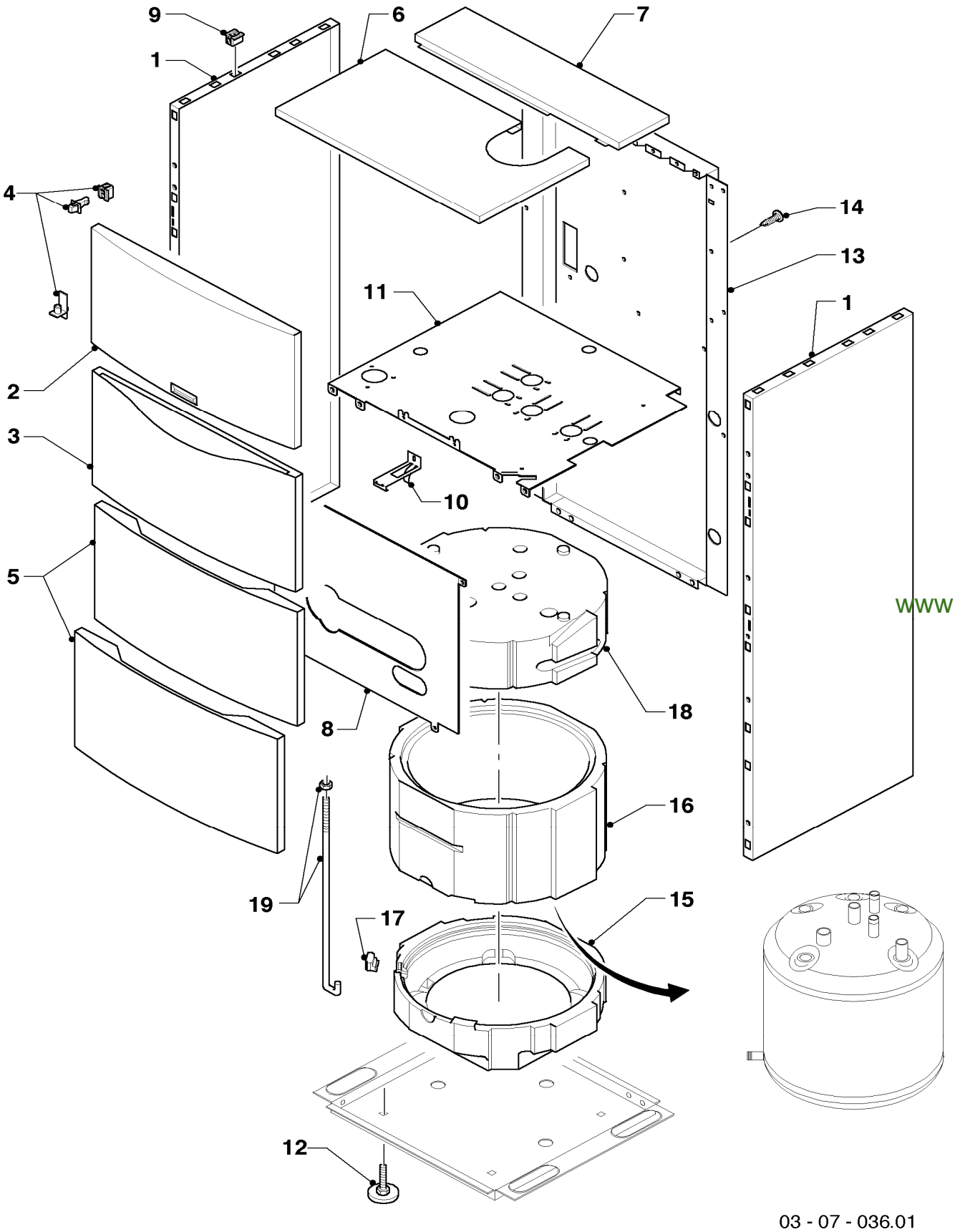
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-040 | |
| 01 | 064065 | Boiler | |
| | | Speicher | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 05 | 163026 | Angle | |
| | | Winkel | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |

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# 07a Casing - Verkleidungsteile

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# 07a Casing - Verkleidungsteile

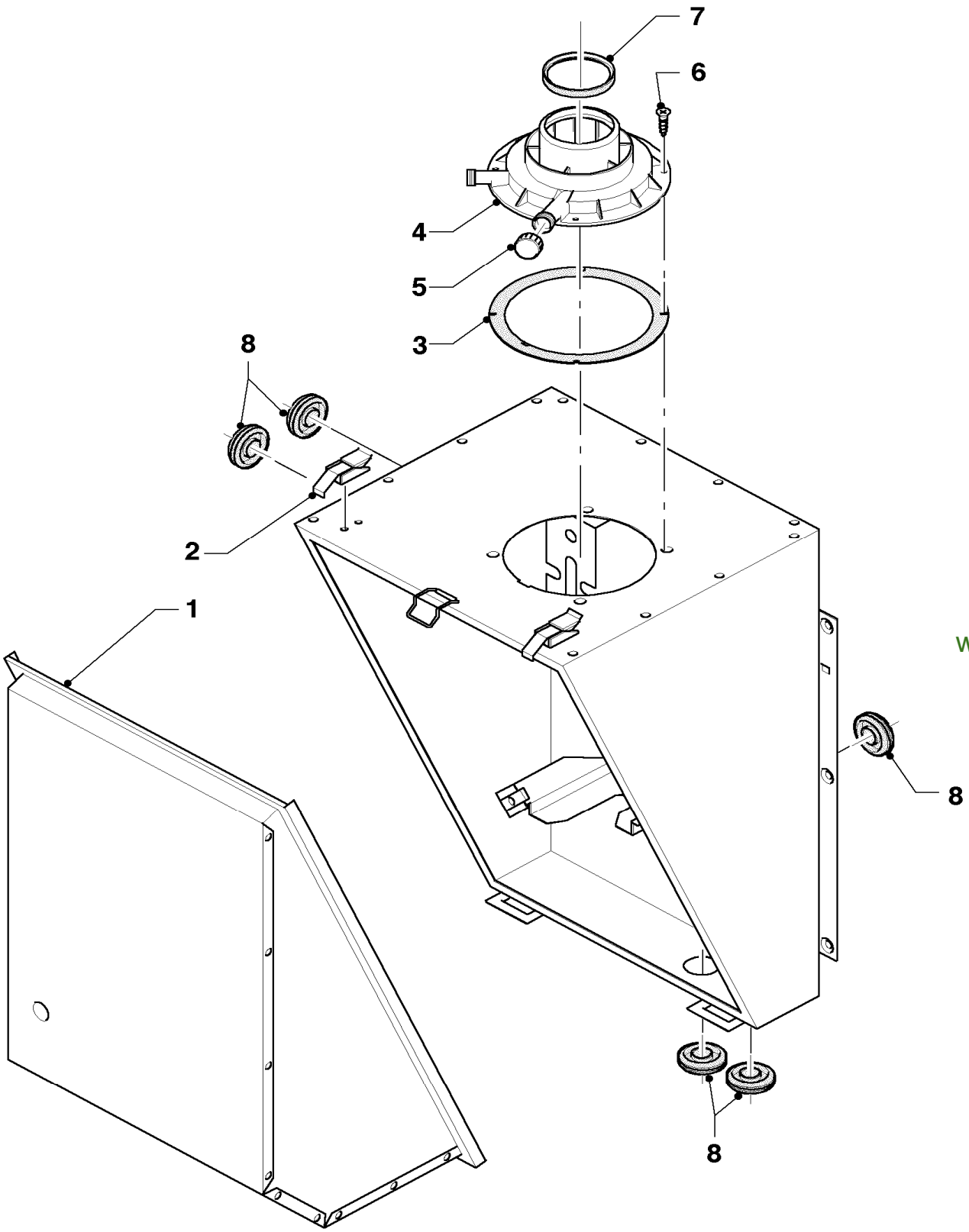
VSC INT 196-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-036 | |
| 01 | 078770 | Side panel | |
| | | Seitenwand (lks.=re.) | |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 078929 | Cover | |
| | | Deckel (Steuerung) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 209411 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 219630 | Spring clamp (switch box) | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 297929 | Inner plate | |
| | | Mantelblech (innen) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 134616 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 076272 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 076291 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 076273 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 111918 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |

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## 07b Combustion chamber - Unterdruckkammer

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## 07b Combustion chamber - Unterdruckkammer

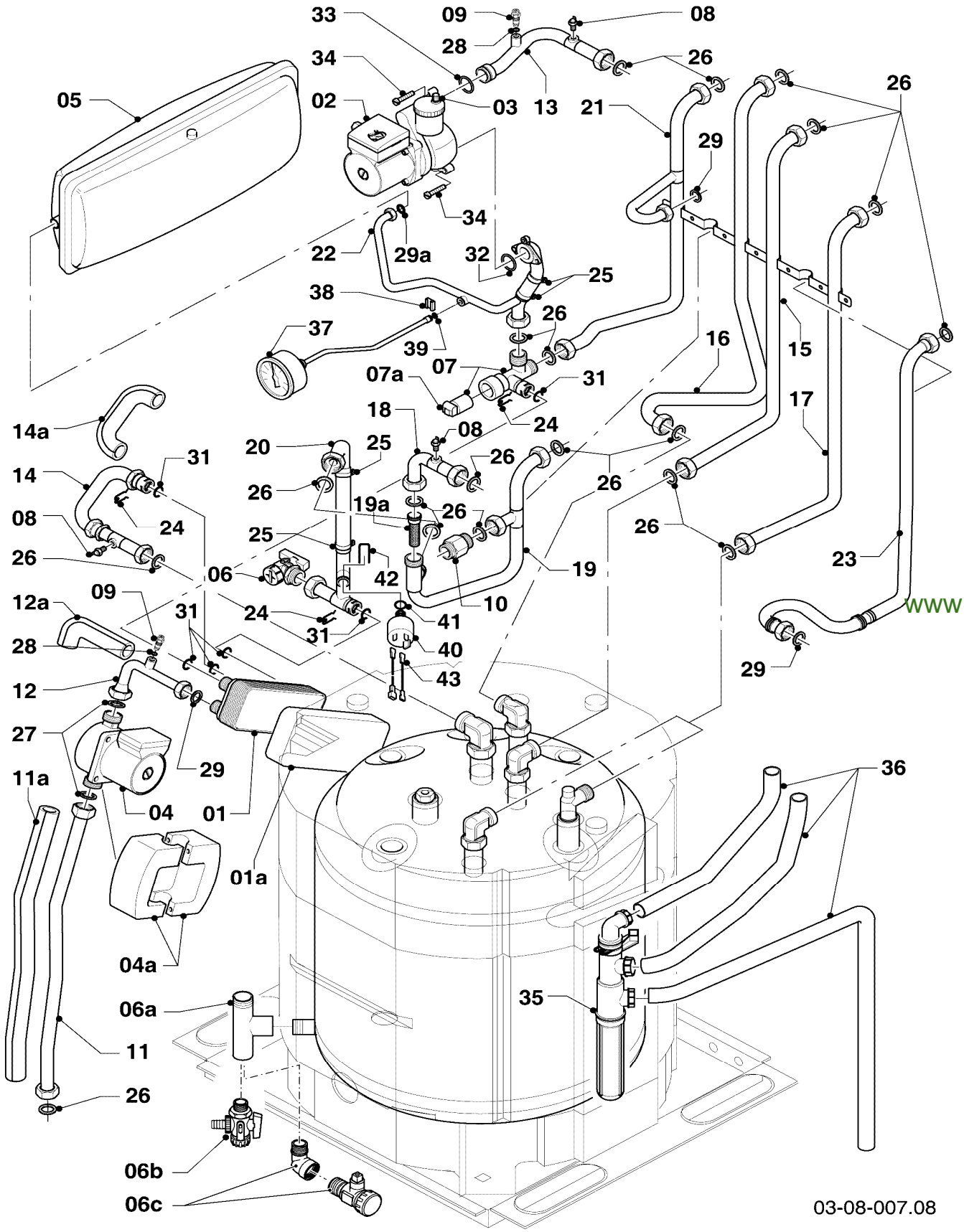
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-037 | |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 088740 | Lock (PK2) | old execution |
| | | Verschluss (2 St.) | alte Ausführung |
| 02 | 0020029605 | Clip (PK10) | new execution |
| | | Klammer UDK (10 St.) | neue Ausführung |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | |
| | | Adapter (60/100) | |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08 Hydraulic parts - Hydraulikteile

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# 08 Hydraulic parts - Hydraulikteile

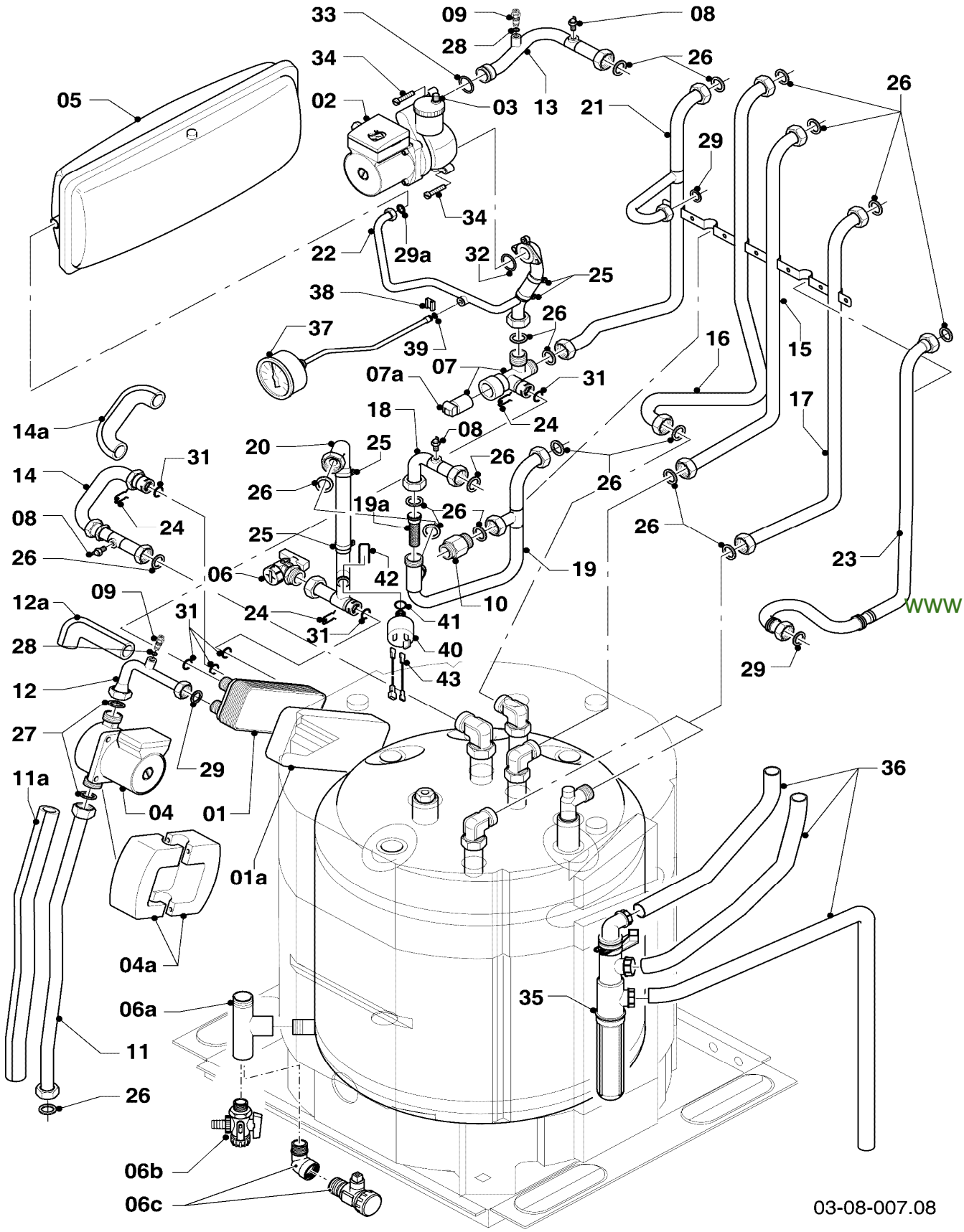
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-007 | |
| 01 | 065111 | Heat exchanger dhw (12 plates) | with parts 24, 29, 31 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 24, 29, 31 |
| 01 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 24, 29, 31 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 24, 29, 31 |
| 02 | 160954 | Pump (heating) | with parts 03, 32-34 |
| | | Pumpe (Heizung) | mit Pos. 03, 32-34 |
| 03 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 04 | 160953 | Pump | with part 27 |
| | | Pumpe (Ladepumpe) | mit Pos. 27 |
| 05 | 181051 | Expansion vessel | |
| | | Ausdehnungsgefäß | |
| 06 | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 06a | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 06b | - | - | please order pos. no. 06c / bitte Pos. 06c bestellen |
| 06c | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 07 | 252457 | Diverter valve | with part 07a |
| | | Vorrangumschaltventil | mit Pos. 07a |
| 07a | 140429 | Diverter valve actuator | |
| | | Stellantrieb für VU-Ventil | |
| 08 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 09 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 10 | 150238 | Automatic bypass valve | |
| | | Überströmventil | |
| 11 | 094044 | Tube | with parts 26-27 |
| | | Rohr (Speicher-Entlüftung/Ladep.) | mit Pos. 26-27 |
| 12 | 094045 | Tube | with parts 09, 27-29 |
| | | Rohr (Ladepumpe/SWT) | mit Pos. 09, 27-29 |
| 13 | 083538 | Cold water tube | with parts 08, 09, 26, 28, 33 |
| | | Rohr, K-W (Unterdruckkammer) | mit Pos. 08, 09, 26, 28, 33 |
| 14 | 083998 | Warm water tube | with parts 08, 24, 26, 31 |
| | | Rohr, W-W (Wellflex SWT) | mit Pos. 08, 24, 26, 31 |
| 15 | 083537 | Cold water tube | with part 26 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 26 |
| 16 | 083997 | Warm water tube | with part 26 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 26 |
| 17 | 094037 | Tube | with part 26 |
| | | Rohr(Zirkulation Speicher) | mit Pos. 26 |
| 18 | 094038 | Tube | with parts 08, 26 |
| | | Rohr (PWT - Rohr SWT) | mit Pos. 08, 26 |
| 19 | 094039 | Tube | with part 26 |
| | | Rohr | mit Pos. 26 |
| 19a | 074517 | Filter | |
| | | Sieb | |
| 20 | 0020017101 | Connection tube | with parts 24-26, 31, 40-43 |
| | | Rohr (K.F.E.-Hahn - SWT) | mit Pos. 24-26, 31, 40-43 |

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# 08 Hydraulic parts - Hydraulikteile

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# 08 Hydraulic parts - Hydraulikteile

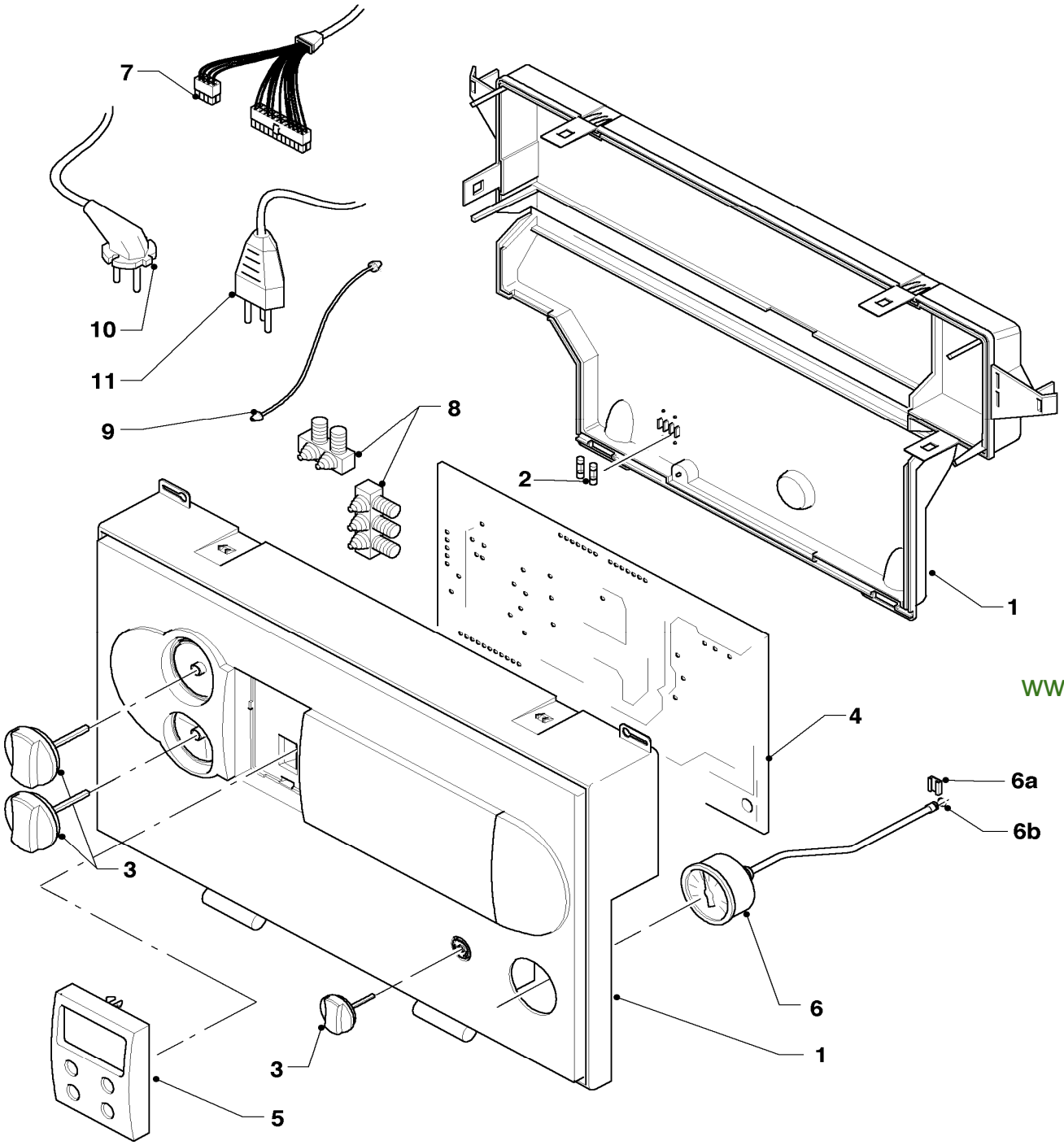
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-007 | |
| 21 | 094041 | Tube | with parts 26, 29 |
| | | Rohr (HR/Abzweig Überströmv.) | mit Pos. 26, 29 |
| 22 | 094042 | Tube | with parts 26, 29, 32 |
| | | Rohr (VUV-Pumpe bzw. ADG) | mit Pos. 26, 29, 32 |
| 23 | 123481 | Gas connection tube | with parts 26, 29 |
| | | Gasrohr | mit Pos. 26, 29 |
| 24 | 219622 | Spring clamp (PK10) | |
| | | Klemmfeder (10 St.) | |
| 25 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 26 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 27 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 28 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 29 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 29a | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 31 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 32 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 33 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 118951 | Pan head screw (M 6x28,5) | |
| | | Flachkopfschraube (M 6x28,5) | |
| 35 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 36 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 37 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 38 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 39 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 40 | 712087 | Pressure sensor | with part 41 |
| | | Sensor (Drucksensor) | mit Pos. 41 |
| 41 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 42 | 154150 | Clip | |
| | | Bügel | |
| 43 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 12 Control box - Schaltkasten

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# 12 Control box - Schaltkasten

VSC INT 196-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-12-038 | |
| 00 | 253552 | Temperature sensitive element | see main component 06b Storage water heater |
| | | Fühler (Temperaturfühler) | Darstellung siehe Baugruppe 06b Warmwasserspeicher |
| 00 | 253815 | Cable connector (set) | 3-pins white, violet, turquoise and 2-pins blue (not shown) |
| | | Steckverbinder-Set (System ProE) | Set besteht aus weiß (3-polig), violett (3-polig), türkis (3-polig) und blau (2-polig), nicht dargestellt |
| 00 | 733734 | cable connector (Rast 5, 3-pole) | 3-pins, grey (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grau (nicht dargestellt) |
| 00 | 733737 | Cable connector | 3-pins, green (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grün (nicht dargestellt) |
| 00 | 252629 | Plug | 6-pins, transparent (not shown) |
| | | Steckverbinder (Rast 5, 6-polig) | 6-polig natur (nicht dargestellt) |
| 01 | 295248 | Casing | with parts 02-03 |
| | | Gehäuse | mit Pos. 02-03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 130826 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 130822 | Printed circuit with display (grey) | |
| | | Leiterplatte Display (grau) | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 256144 | Cable tree | |
| | | Kabelbaum (Gerät, Gasventil etc.) | |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078534 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10-11 | - | - | not necessary / Position entfällt |

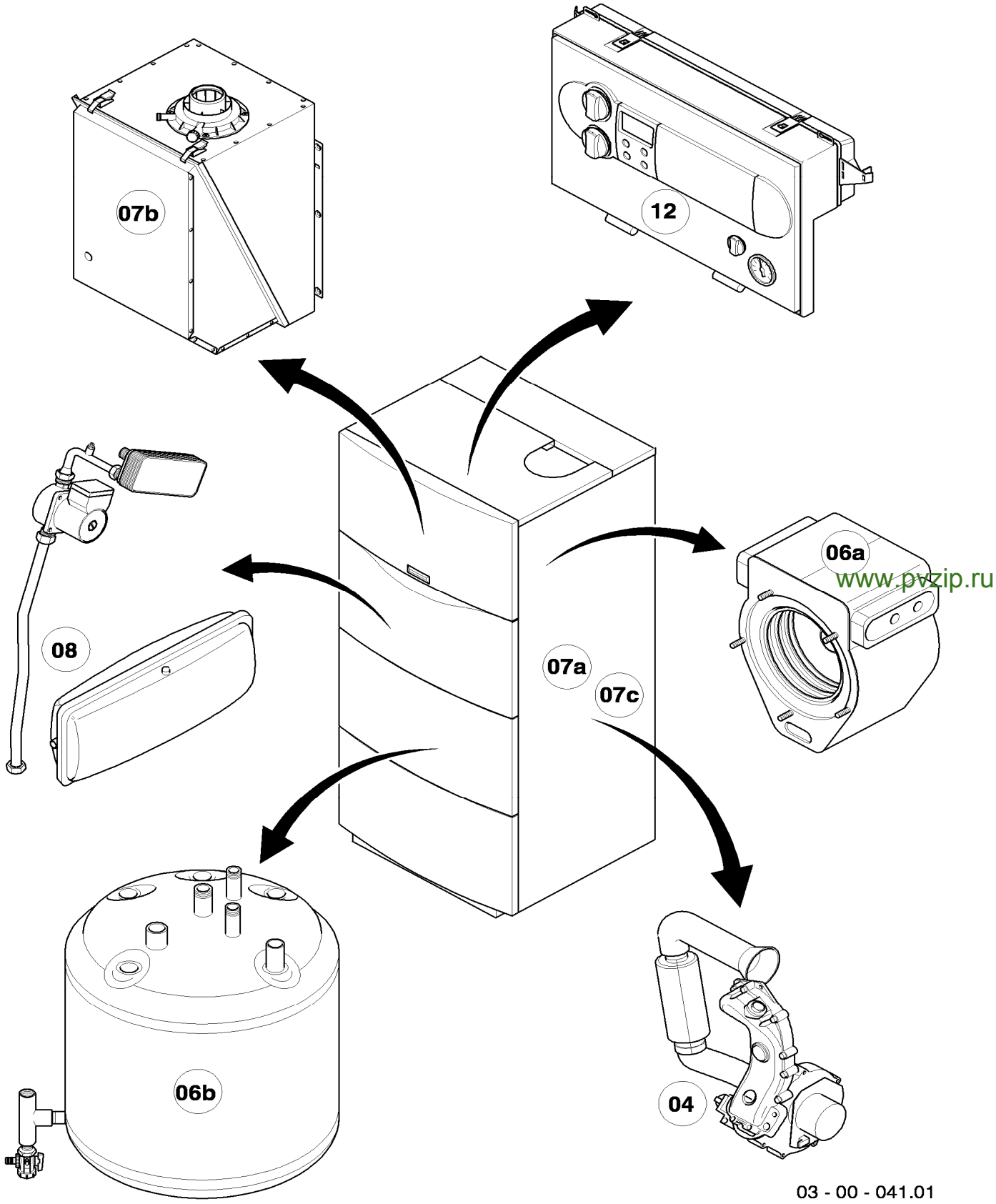
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# General view of sheet - Baugruppenübersicht

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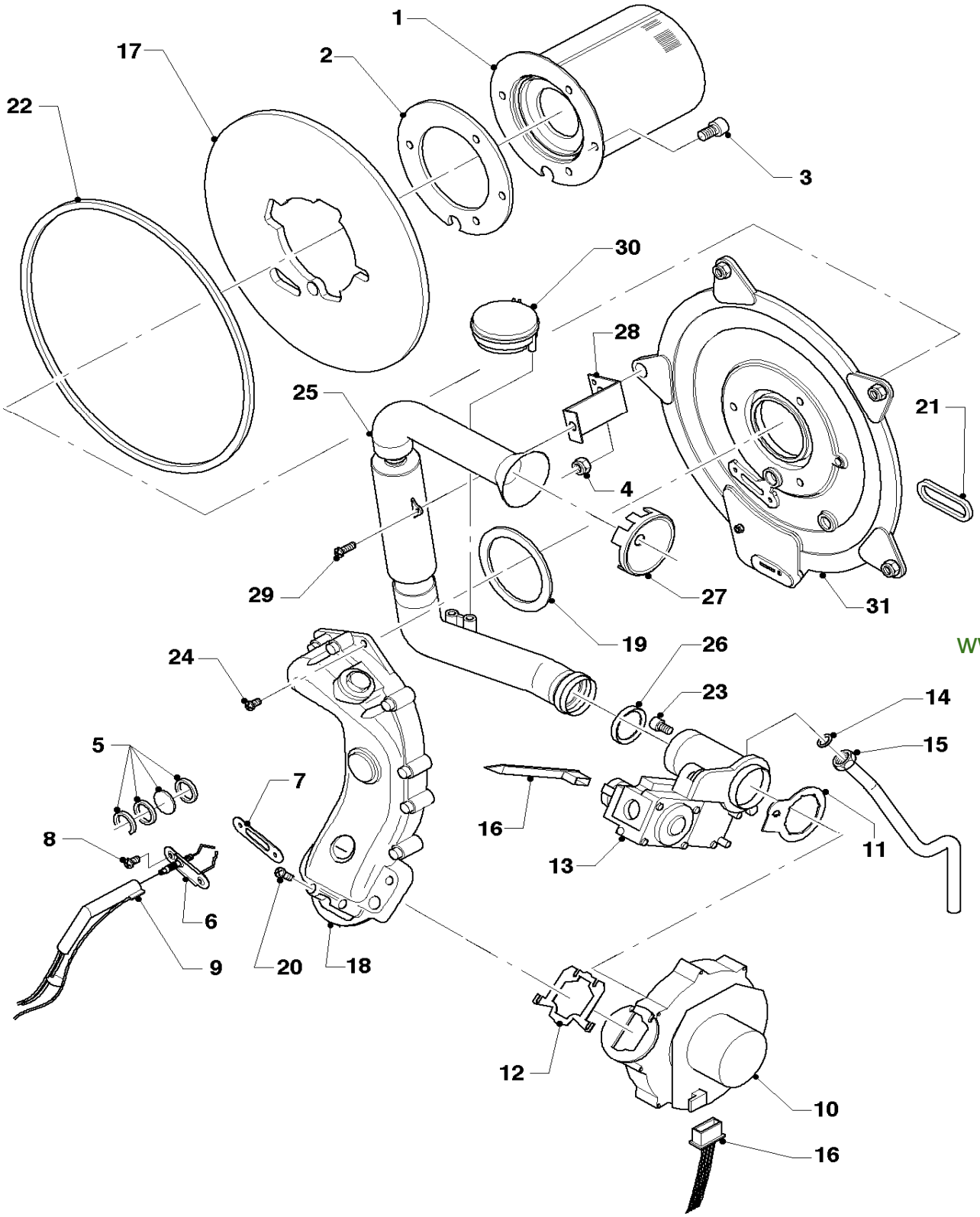



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# 04 Burner - Brenner

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# 04 Burner - Brenner

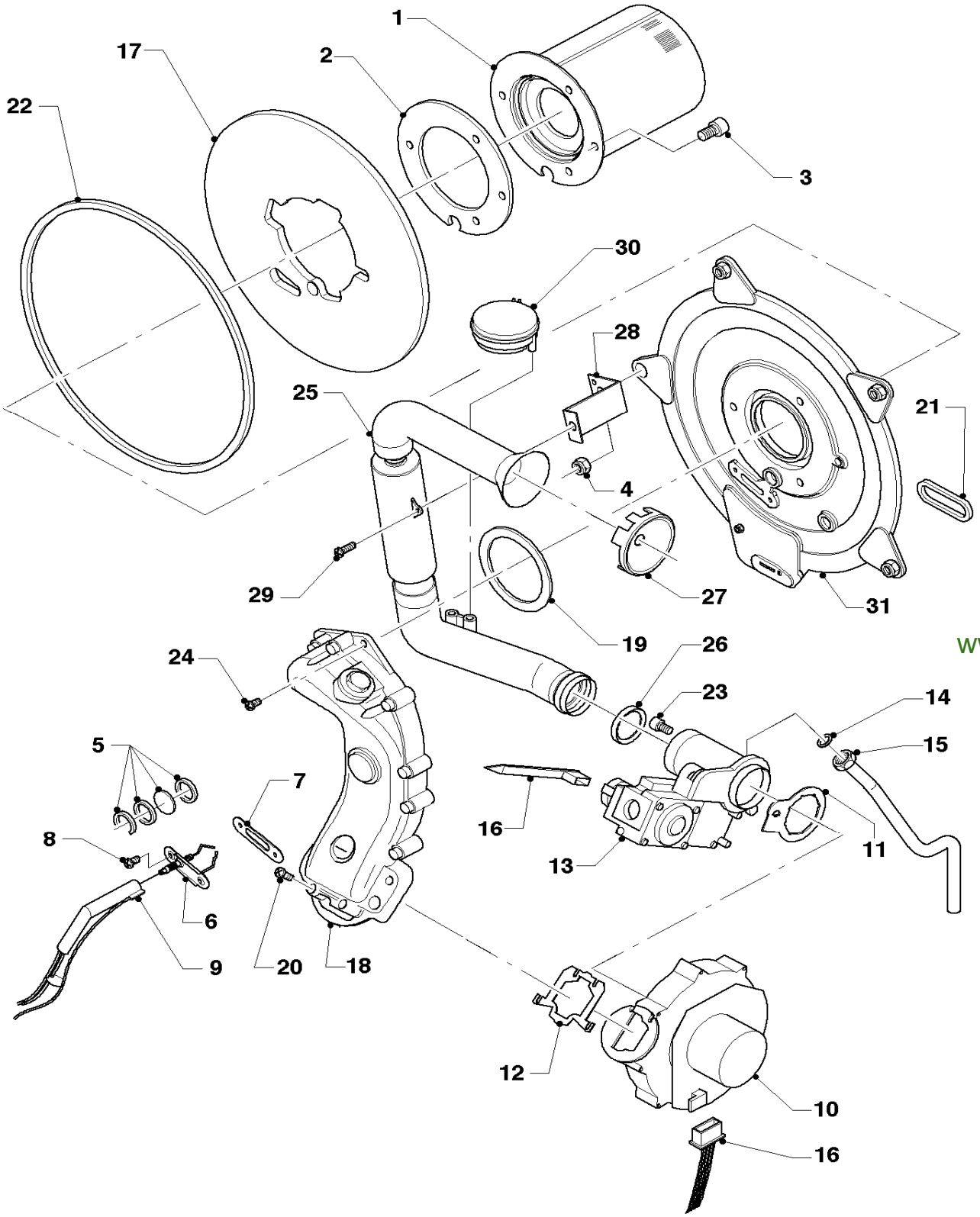
VSC INT 196-C 150 R1

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 01 | 049324 | Burner | with parts 02, 03 |
| | | Brenner | mit Pos. 02, 03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with parts 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053470 | Gas section | with parts 11, 14 |
| | | Gasarmatur | mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 256144 | Cable tree | |
| | | Kabelbaum (Gerät, Gasventil etc.) | |
| 17 | 210734 | Insulation | with parts 02, 03 |
| | | Isolierplatte | mit Pos. 02, 03 |
| 18 | 116688 | Air gas mixing tube | with parts 12,19 |
| | | Krümmer | mit Pos. 12,19 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |

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## 04 Burner - Brenner

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## 04 Burner - Brenner

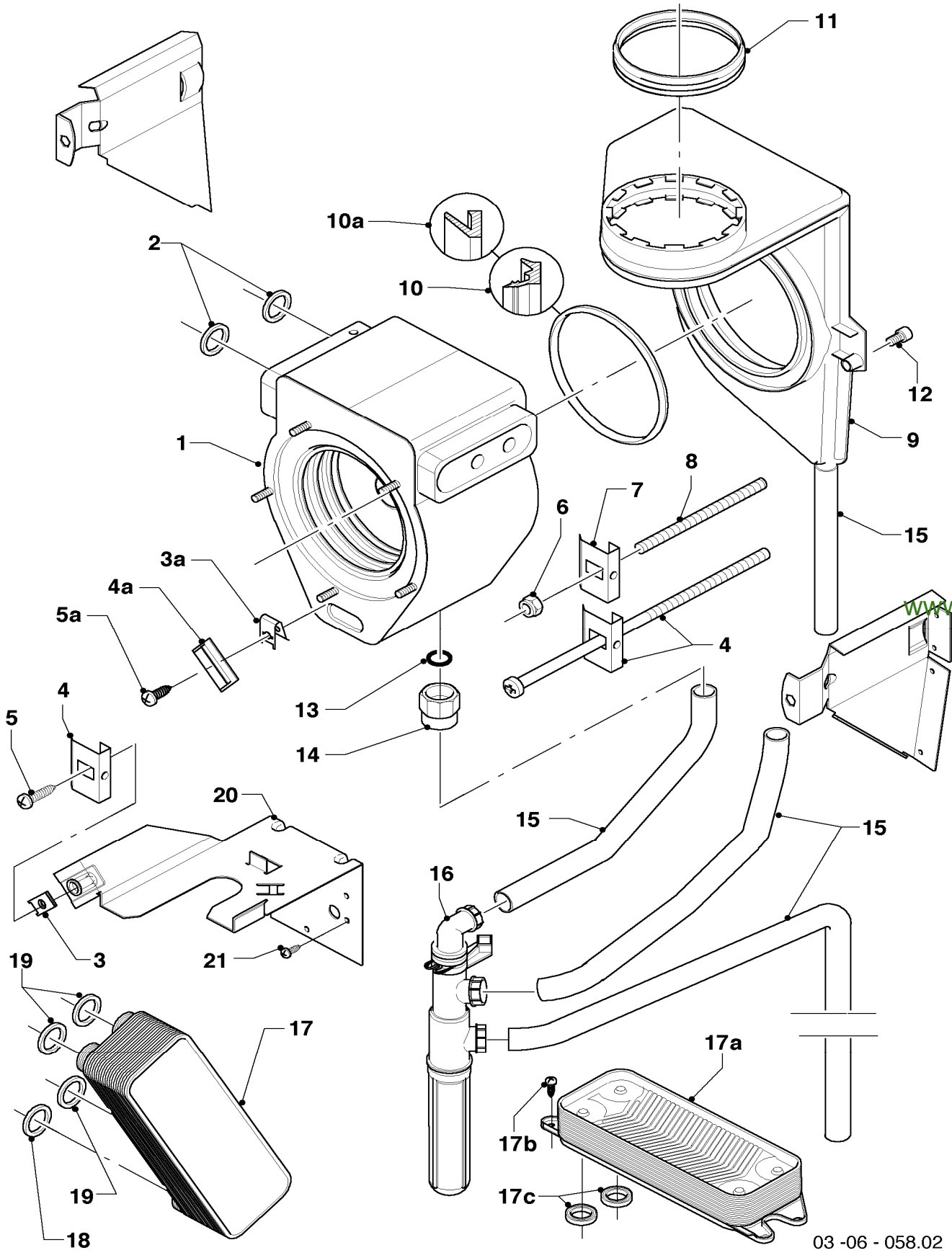
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with part 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | - | - | not necessary / Position entfällt |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with parts 02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

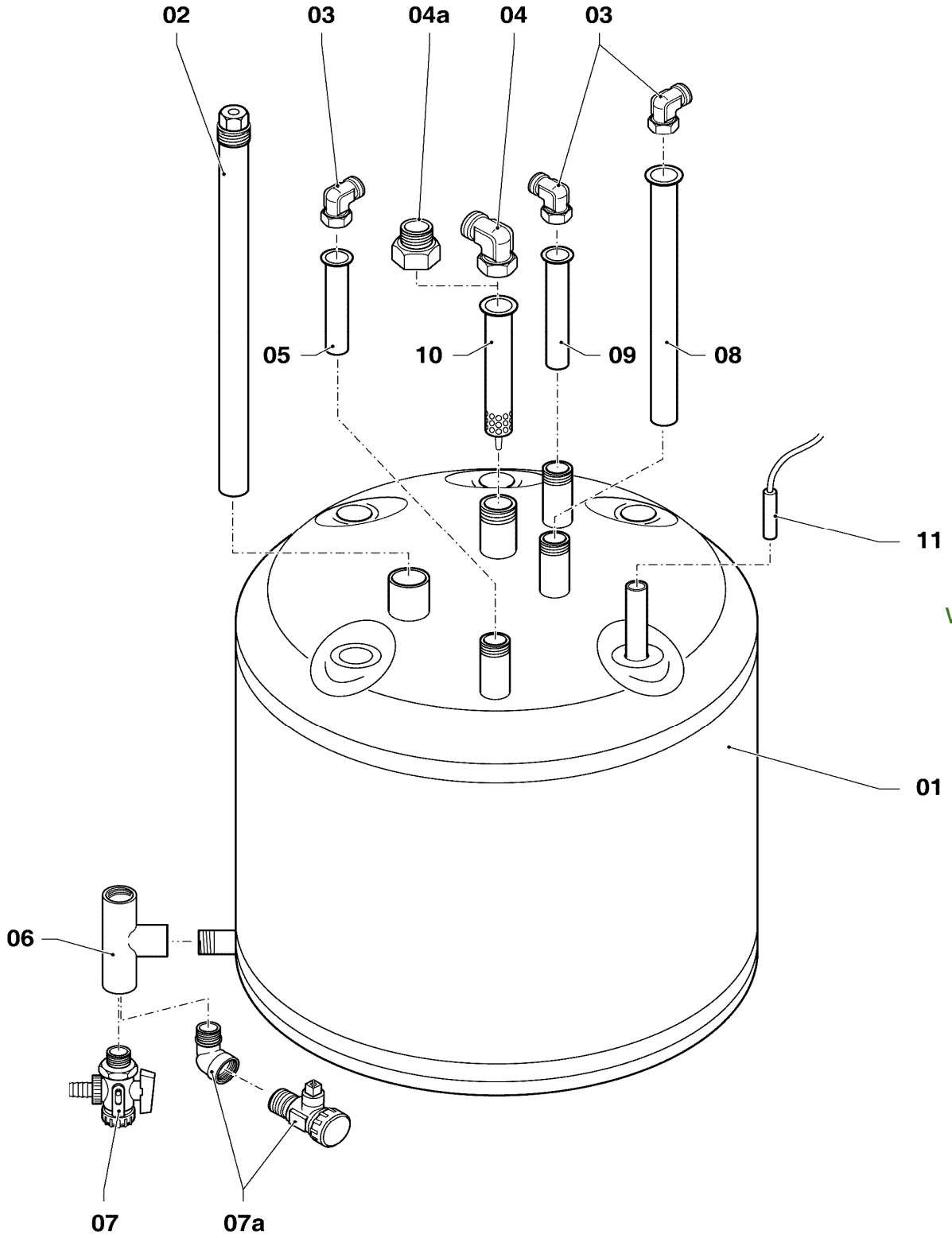
VSC INT 196-C 150 R1

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065113 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger (not shown) |
| | | Isolierplatte 10 mm | für Wärmetauscher (nicht dargestellt) |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | - | - | not necessary / Position entfällt |
| 04 | 111992 | Support | with parts 03, 05 |
| | | Halter | mit Pos. 03, 05 |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 235738 | Screw | |
| | | Blechschraube | |
| 05a | - | - | not necessary / Position entfällt |
| 06-08 | - | - | not necessary / Position entfällt |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | Attention! not for old condensing collector! |
| | | Dichtung (PWT-Abgassammler) | Achtung! Dichtung passt nur in Verbindung mit geänderten Abgassammler! |
| 10a | - | - | no longer available, please order condensing collector pos. 09, part-no. 076560 |
| | | - | Dichtung ist nicht mehr lieferbar, bitte neuen Abgassammler Pos. 09, Teile-Nr. 076560 bestellen. |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | 065111 | Heat exchanger dhw (12 plates) | with parts 18, 19 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 18, 19 |
| 17 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 18, 19 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 18, 19 |
| 17a-c | - | - | not necessary / Position entfällt |
| 18 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 19 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

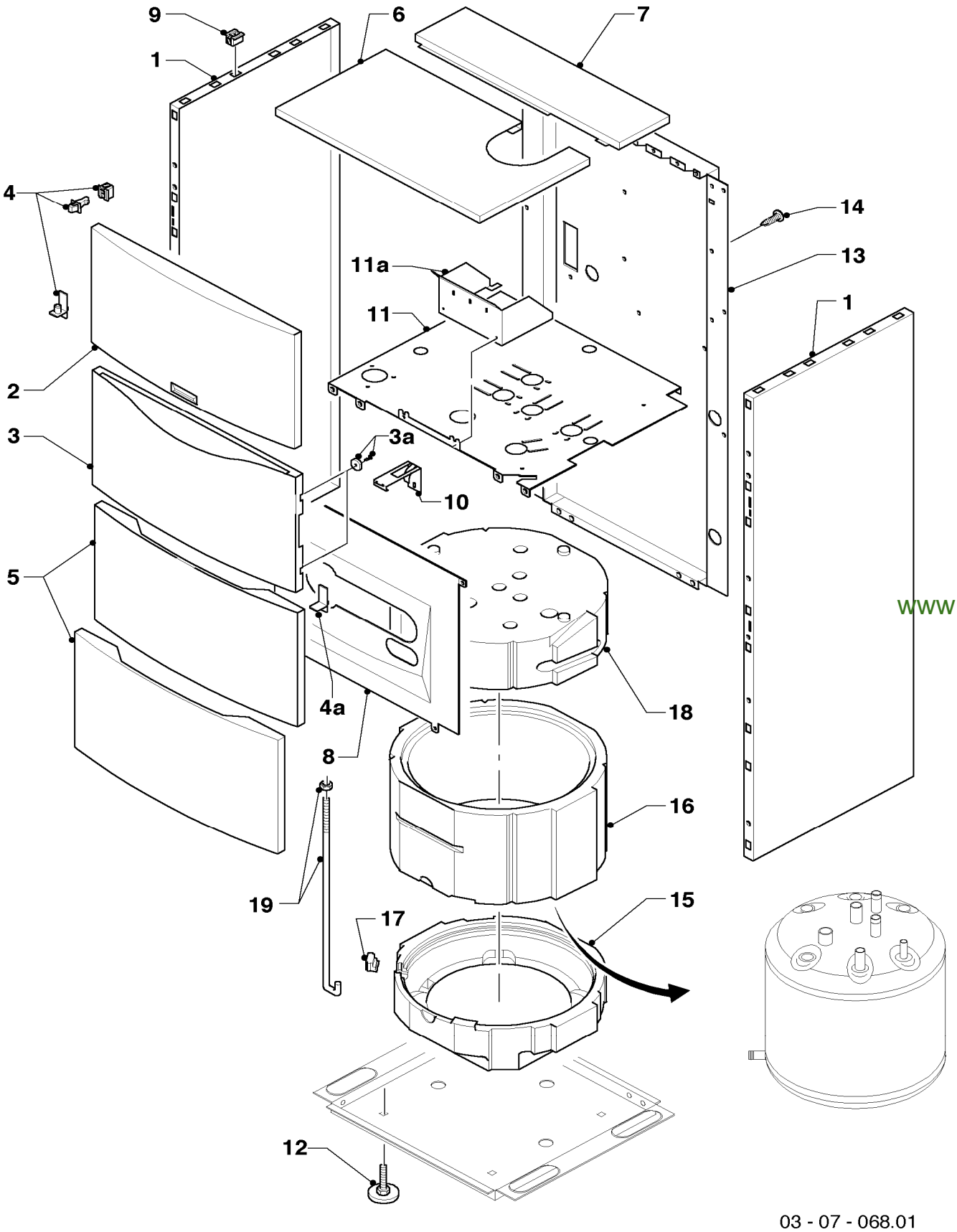
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-070 | |
| 01 | 111923 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |

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## 07a Casing - Verkleidungsteile

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# 07a Casing - Verkleidungsteile

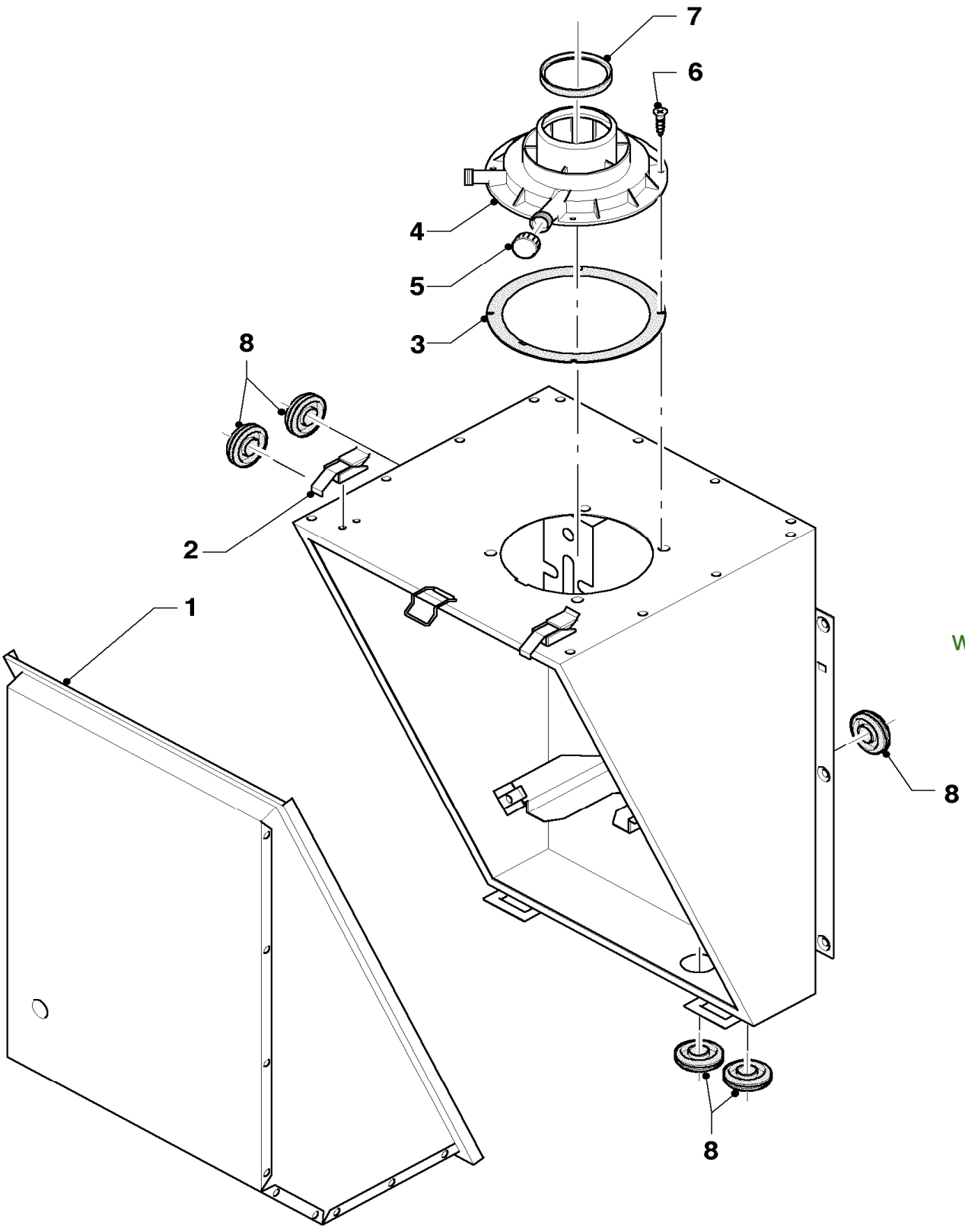
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-068 | |
| 01 | 111922 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | |
| | | Deckel (Steuerung) | |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 111911 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 111919 | Spring clamp | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 111921 | Inner plate | |
| | | Mantelblech (innen) | |
| 11a | 111914 | Support | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 134616 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 076272 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 076291 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 076273 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 111918 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

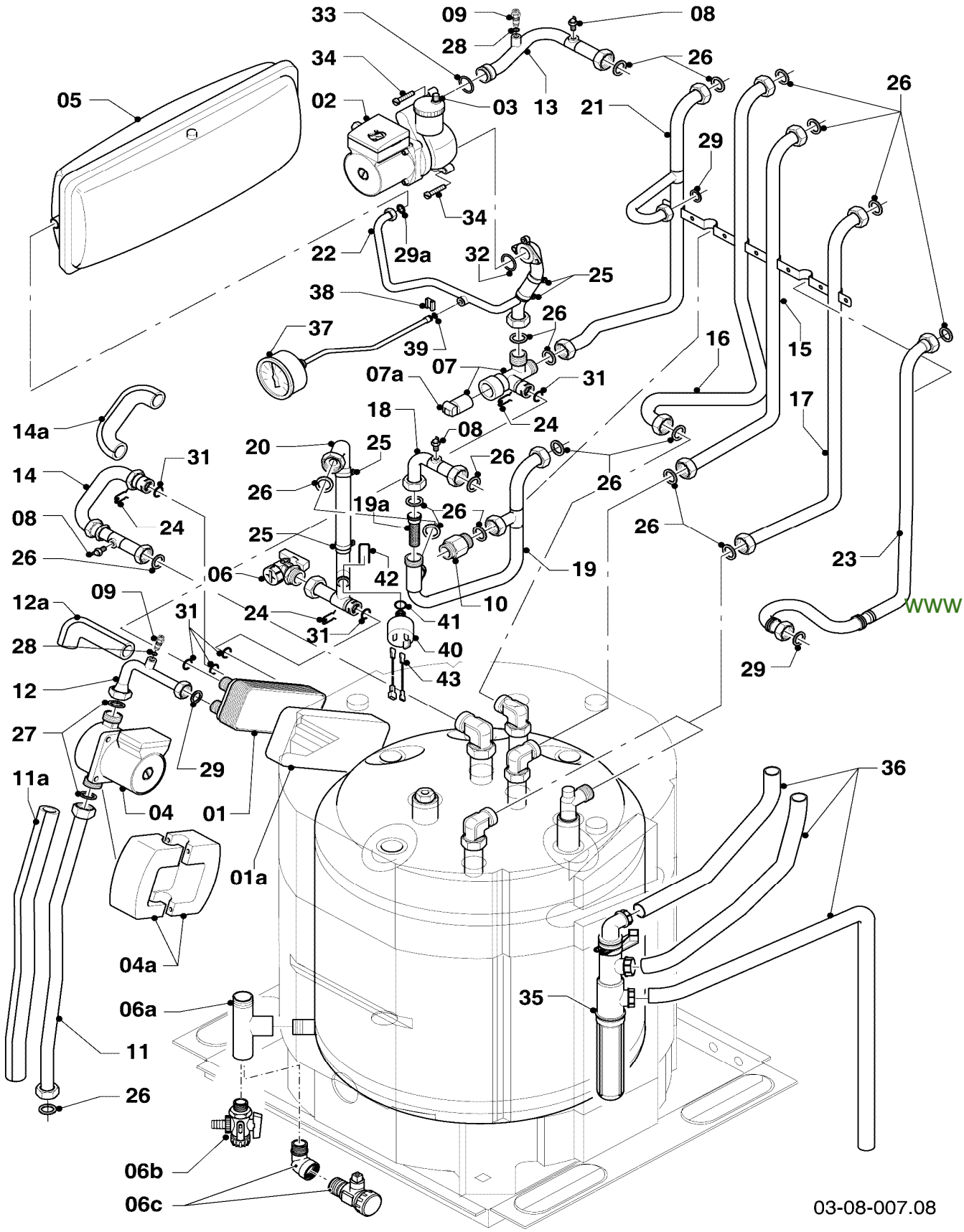
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-037 | |
| 00 | 111919 | Spring clamp | not shown |
| | | Klemmfeder (Schaltkasten) | nicht dargestellt |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | |
| | | Adapter (60/100) | |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08 Hydraulic parts - Hydraulikteile

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# 08 Hydraulic parts - Hydraulikteile

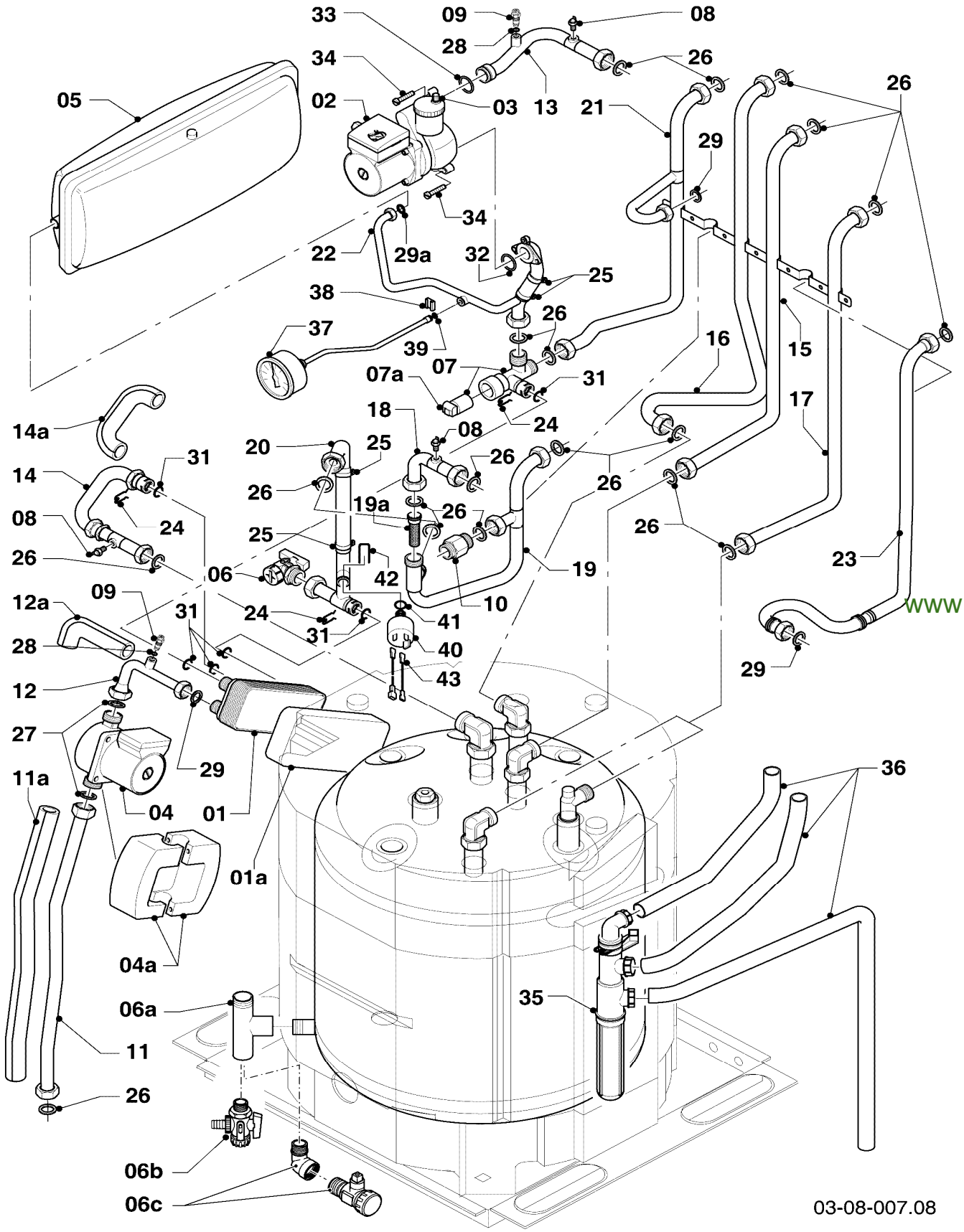
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-007 | |
| 01 | 065111 | Heat exchanger dhw (12 plates) | with parts 24, 29, 31 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 24, 29, 31 |
| 01 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 24, 29, 31 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 24, 29, 31 |
| 01a | 111917 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 02 | 160954 | Pump (heating) | with parts 32-34 |
| | | Pumpe (Heizung) | mit Pos. 03, 32-34 |
| 03 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 04 | 160953 | Pump | with part 27 |
| | | Pumpe (Ladepumpe) | mit Pos. 27 |
| 04a | 111915 | Insulation (pump) | |
| | | Isolierung (Pumpe) | |
| 05 | 181051 | Expansion vessel | |
| | | Ausdehnungsgefäß | |
| 06 | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 06a | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 06b | - | - | please order pos. no. 06c / bitte Pos. 06c bestellen |
| 06c | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 07 | 252457 | Diverter valve | with part 07a |
| | | Vorrangumschaltventil | mit Pos. 07a |
| 07a | 140429 | Diverter valve actuator | |
| | | Stellantrieb für VU-Ventil | |
| 08 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 08 | 733171 | Flat plug | not shown |
| | | Flachstecker | nicht dargestellt |
| 09 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 10 | 150238 | Automatic bypass valve | |
| | | Überströmventil | |
| 11 | 094044 | Tube | with part 26, 27 |
| | | Rohr (Speicher-Entlüftung/Ladep.) | mit Pos. 26, 27 |
| 11a | 111916 | Insulation (525 mm) | |
| | | Isolierung f. Rohre (525 mm) | |
| 12 | 094045 | Tube | with parts 09, 27-29 |
| | | Rohr (Ladepumpe/SWT) | mit Pos. 09, 27-29 |
| 12a | 111916 | Insulation (525 mm) | |
| | | Isolierung f. Rohre (525 mm) | |
| 13 | 083538 | Cold water tube | with parts 08, 09, 26, 28, 33 |
| | | Rohr, K-W (Unterdruckkammer) | mit Pos. 08, 09, 26, 28, 33 |
| 14 | 083998 | Warm water tube | with parts 08, 24, 26, 31 |
| | | Rohr, W-W (Wellflex SWT) | mit Pos. 08, 24, 26, 31 |
| 14a | 111931 | Insulation (083998) | |
| | | Isolierung f. Rohr 083998 | |
| 15 | 083537 | Cold water tube | with part 26 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 26 |
| 16 | 083997 | Warm water tube | with part 26 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 26 |

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# 08 Hydraulic parts - Hydraulikteile

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# 08 Hydraulic parts - Hydraulikteile

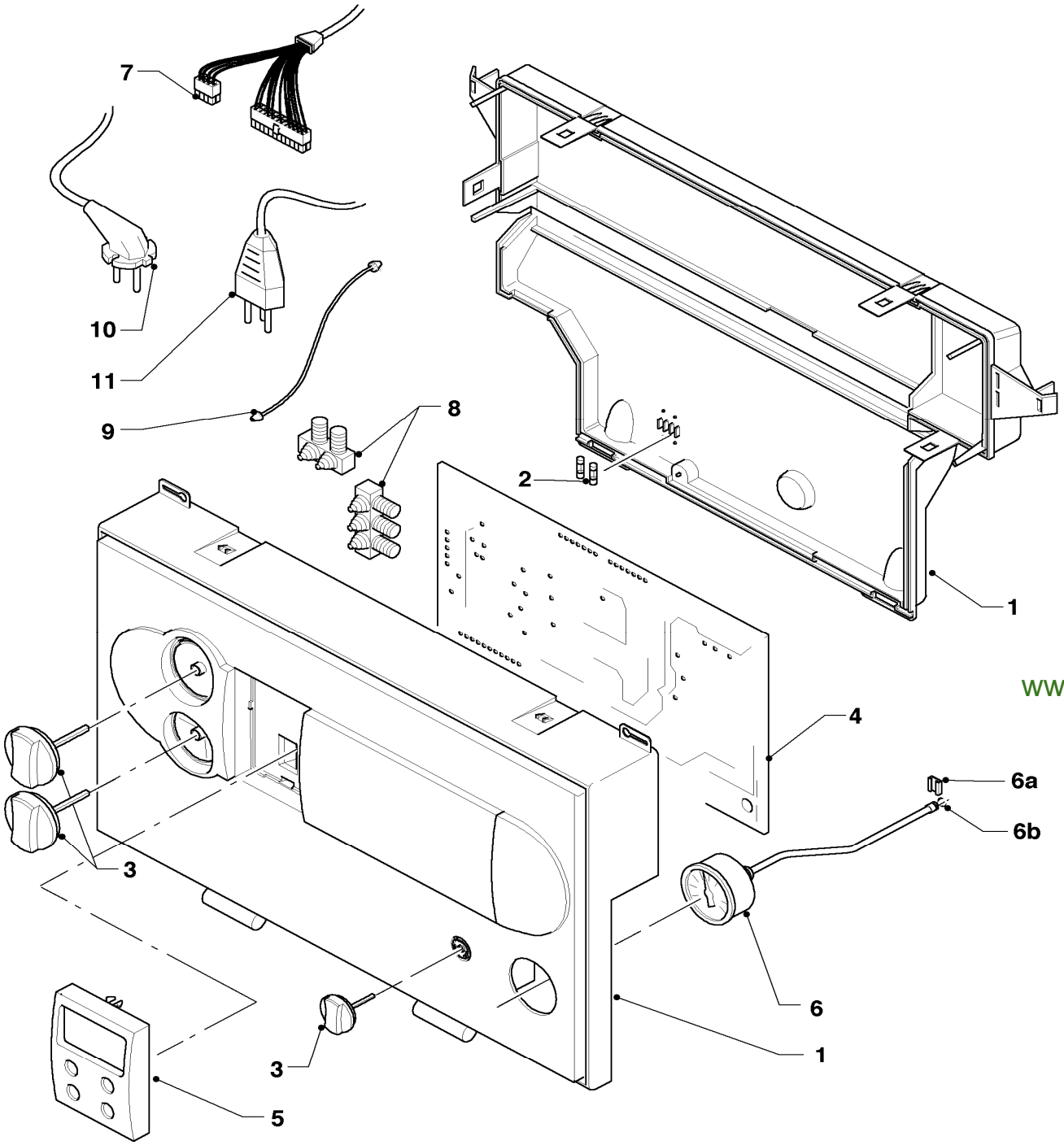
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-007 | |
| 17 | 111924 | Tube | with part 26 |
| | | Rohr (Zirkulation) | mit Pos. 26 |
| 18 | 094038 | Tube | with parts 08, 26 |
| | | Rohr (PWT - Rohr SWT) | mit Pos. 08, 26 |
| 19 | 094039 | Tube | with part 26 |
| | | Rohr | mit Pos. 26 |
| 19a | 074517 | Filter | |
| | | Sieb | |
| 20 | 0020017101 | Connection tube | with parts 24-26, 31, 40-43 |
| | | Rohr (K.F.E.-Hahn - SWT) | mit Pos. 24-26, 31, 40-43 |
| 21 | 094041 | Tube | with parts 26, 29 |
| | | Rohr (HR/Abzweig Überströmv.) | mit Pos. 26, 29 |
| 22 | 094042 | Tube | with parts 26, 29, 32 |
| | | Rohr (VUV-Pumpe bzw. ADG) | mit Pos. 26, 29, 32 |
| 23 | 123481 | Gas connection tube | with parts 26, 29 |
| | | Gasrohr | mit Pos. 26, 29 |
| 24 | 219622 | Spring clamp (PK10) | |
| | | Klemmfeder (10 St.) | |
| 25 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 26 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 27 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 28 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 29 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 29a | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 31 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 32 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 33 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 118951 | Pan head screw (M 6x28,5) | |
| | | Flachkopfschraube (M 6x28,5) | |
| 35 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 36 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 37 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 38 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 39 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 46 | 712087 | Pressure sensor | with part 41 |
| | | Sensor (Drucksensor) | mit Pos. 41 |
| 47 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 48 | 154150 | Clip | |
| | | Bügel | |
| 49 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 12 Control box - Schaltkasten

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# 12 Control box - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-12-038 | |
| 00 | 253552 | Temperature sensitive element | drawing see main component 06b storage water heater |
| | | Fühler (Temperaturfühler) | Darstellung siehe Baugruppe 06b Warmwasserspeicher |
| 00 | 253815 | Cable connector (set) | 3-pins white, violet, turquoise and 2-pins blue (not shown) |
| | | Steckverbinder-Set (System ProE) | Set besteht aus weiß (3-polig), violett (3-polig), türkis (3-polig) und blau (2-polig), nicht dargestellt |
| 00 | 733734 | cable connector (Rast 5, 3-pole) | 3-pins, grey (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grau (nicht dargestellt) |
| 00 | 733737 | Cable connector | 3-pins, green (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grün (nicht dargestellt) |
| 00 | 252629 | Plug | 6-pins, transparent (not shown) |
| | | Steckverbinder (Rast 5, 6-polig) | 6-polig natur (nicht dargestellt) |
| 01 | 295248 | Casing | with parts 02, 03 |
| | | Gehäuse | mit Pos. 02, 03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 130826 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 130847 | Printed circuit (display) | |
| | | Display beleuchtet | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 256144 | Cable tree | |
| | | Kabelbaum (Gerät, Gasventil etc.) | |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078536 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10-11 | - | - | not necessary / Position entfällt |

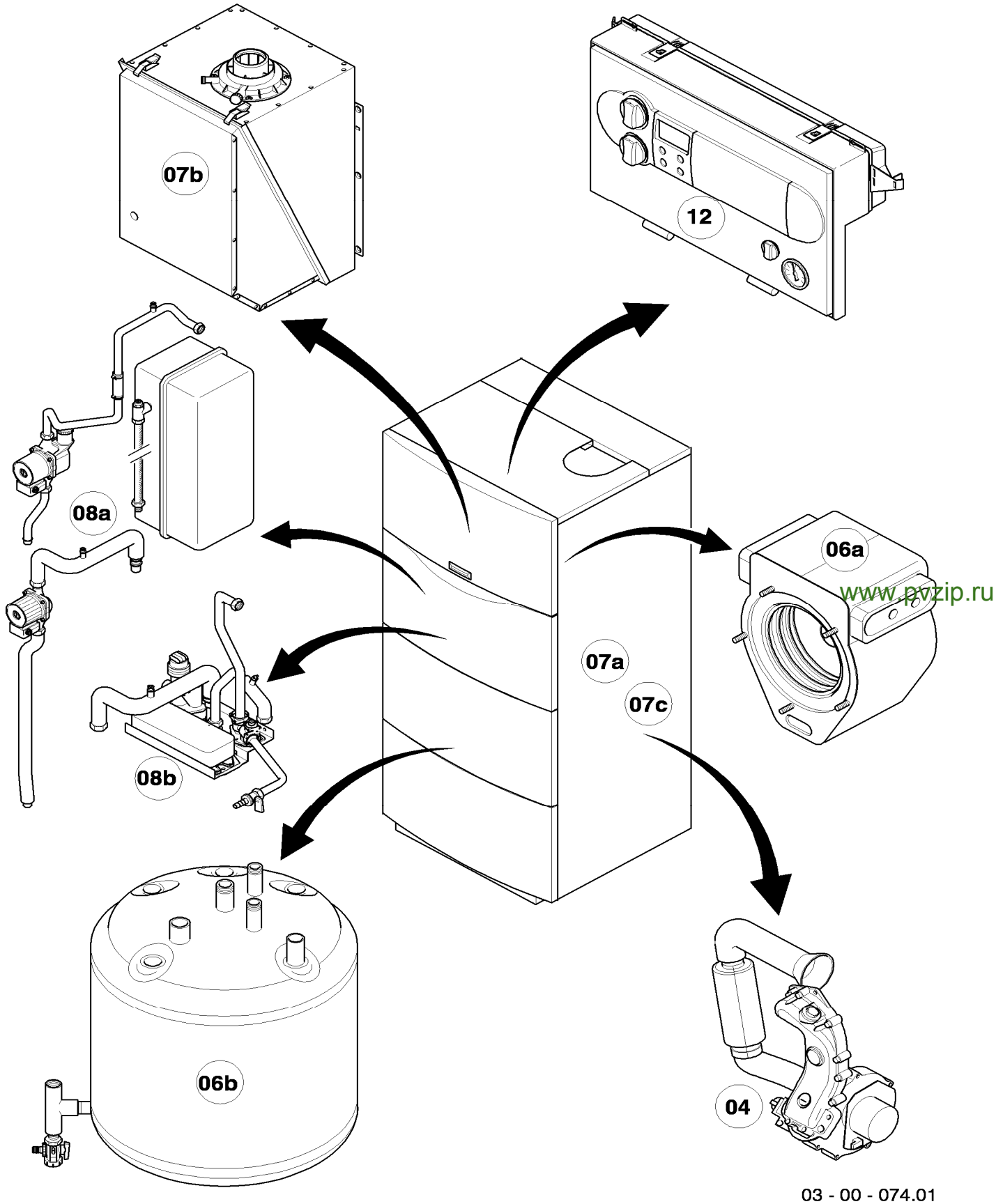
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# General view of sheet - Baugruppenübersicht

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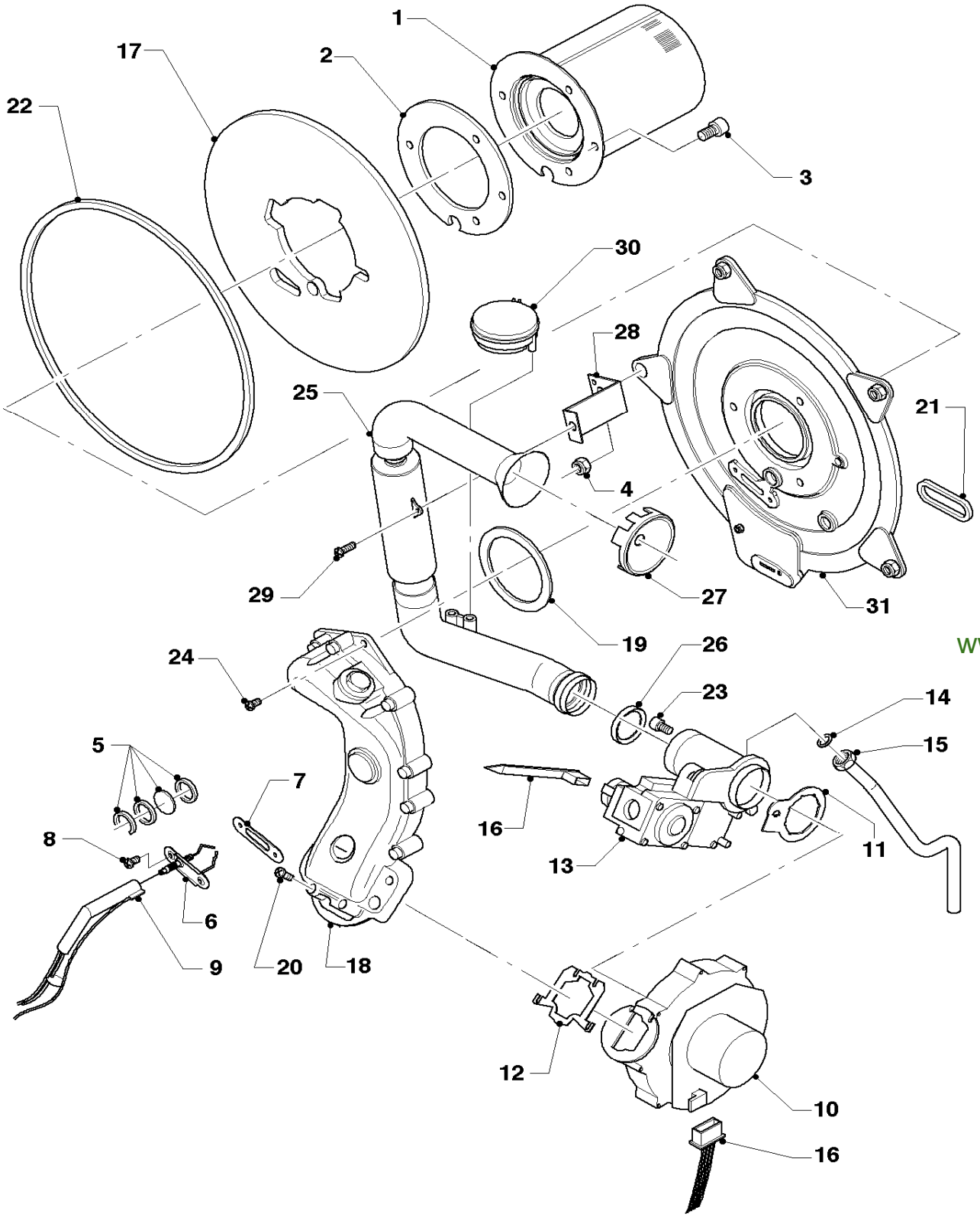



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# 04 Burner - Brenner

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# 04 Burner - Brenner

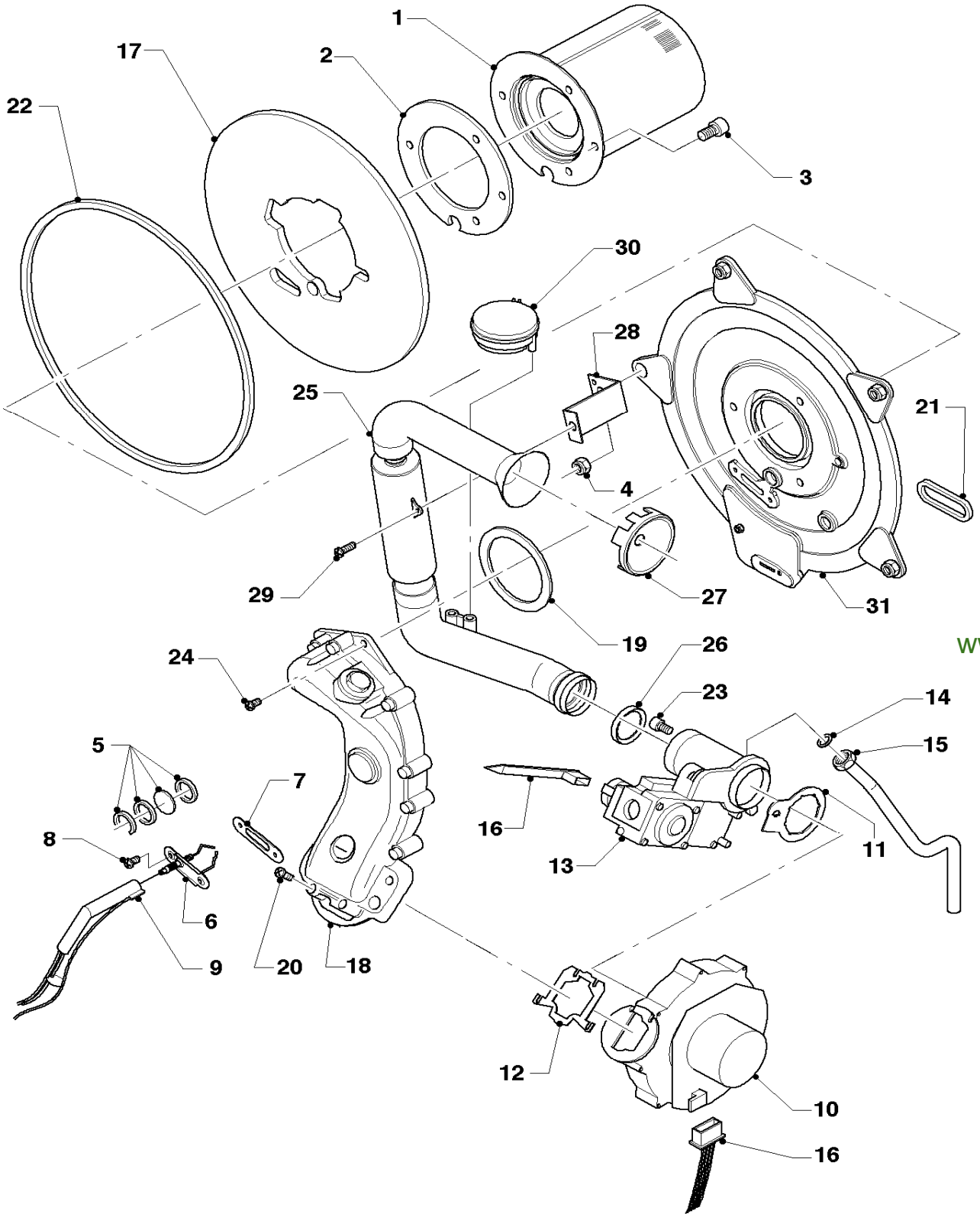
VSC INT 196-C 150 R3

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 00 | 202011 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 202012 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 01 | 048943 | Burner | VSC 126-C 140 R3, with parts 02, 03 |
| | | Brenner | VSC 126-C 140 R3, mit Pos. 02, 03 |
| 01 | 049324 | Burner | VSC 196-C 150 R3, with parts 02, 03 |
| | | Brenner | VSC 196-C 150 R3, mit Pos. 02, 03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with parts 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053488 | Gas section | VSC 126-C 140 R3, with parts 11, 14 |
| | | Gasarmatur | VSC 126-C 140 R3, mit Pos. 11, 14 |
| 13 | 053470 | Gas section | VSC 196-C 150 R3, with parts 11, 14 |
| | | Gasarmatur | VSC 196-C 150 R3, mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 0020032302 | Cable tree | VSC 126-C 140 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 126-C 140 R3 |
| 16 | 0020032303 | Cable tree | VSC 196-C 150 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 196-C 150 R3 |
| 17 | 210734 | Insulation | with parts 02, 03 |
| | | Isolierplatte | mit Pos. 02, 03 |
| 18 | 116688 | Air gas mixing tube | with parts 12, 19 |
| | | Krümmer | mit Pos. 12, 19 |

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## 04 Burner - Brenner

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# 04 Burner - Brenner

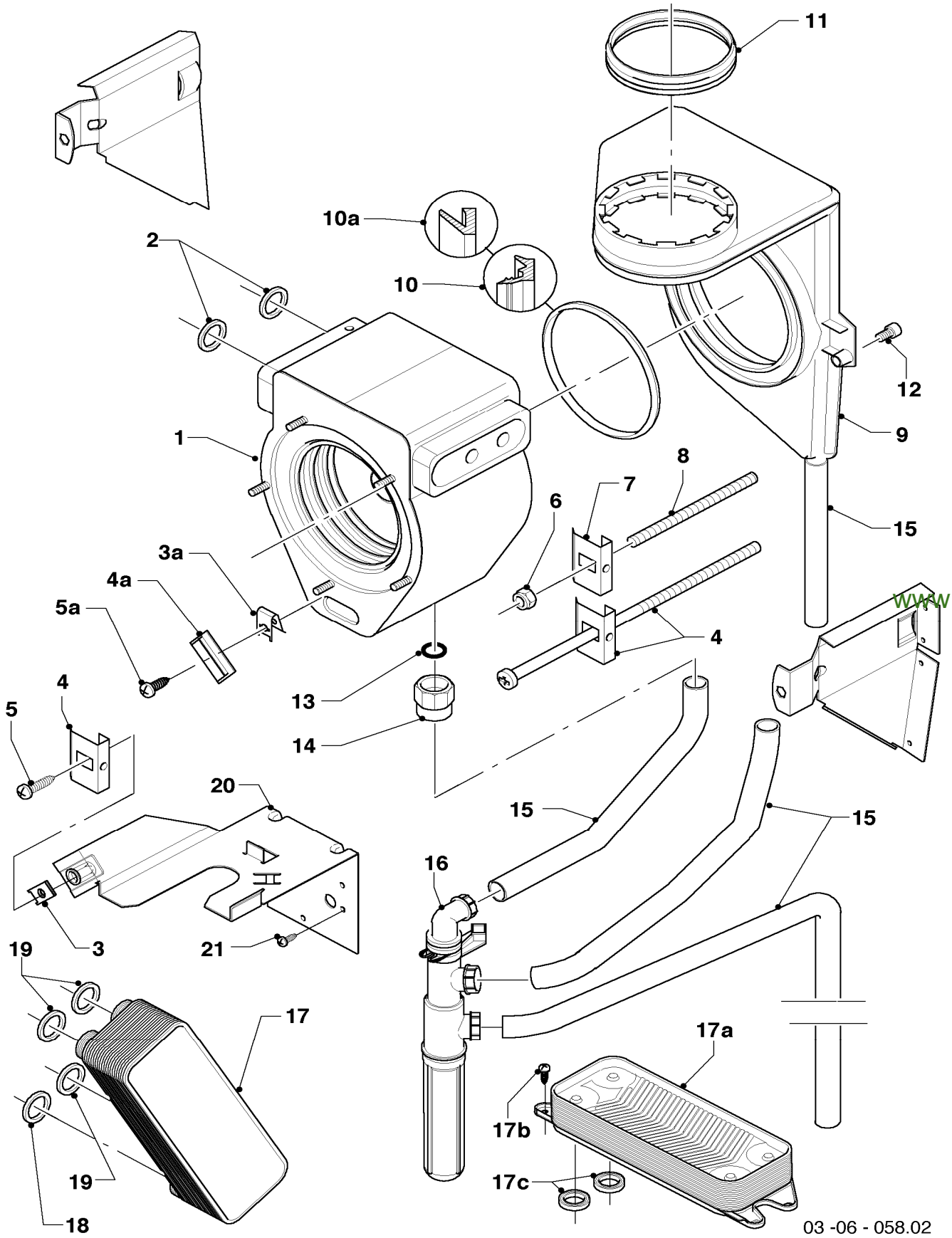
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with part 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | 235057 | Throttle disc | VSC 126-C 140 R3 |
| | | Drossel (Frischluftrohr) | VSC 126-C 140 R3 |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with parts 02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

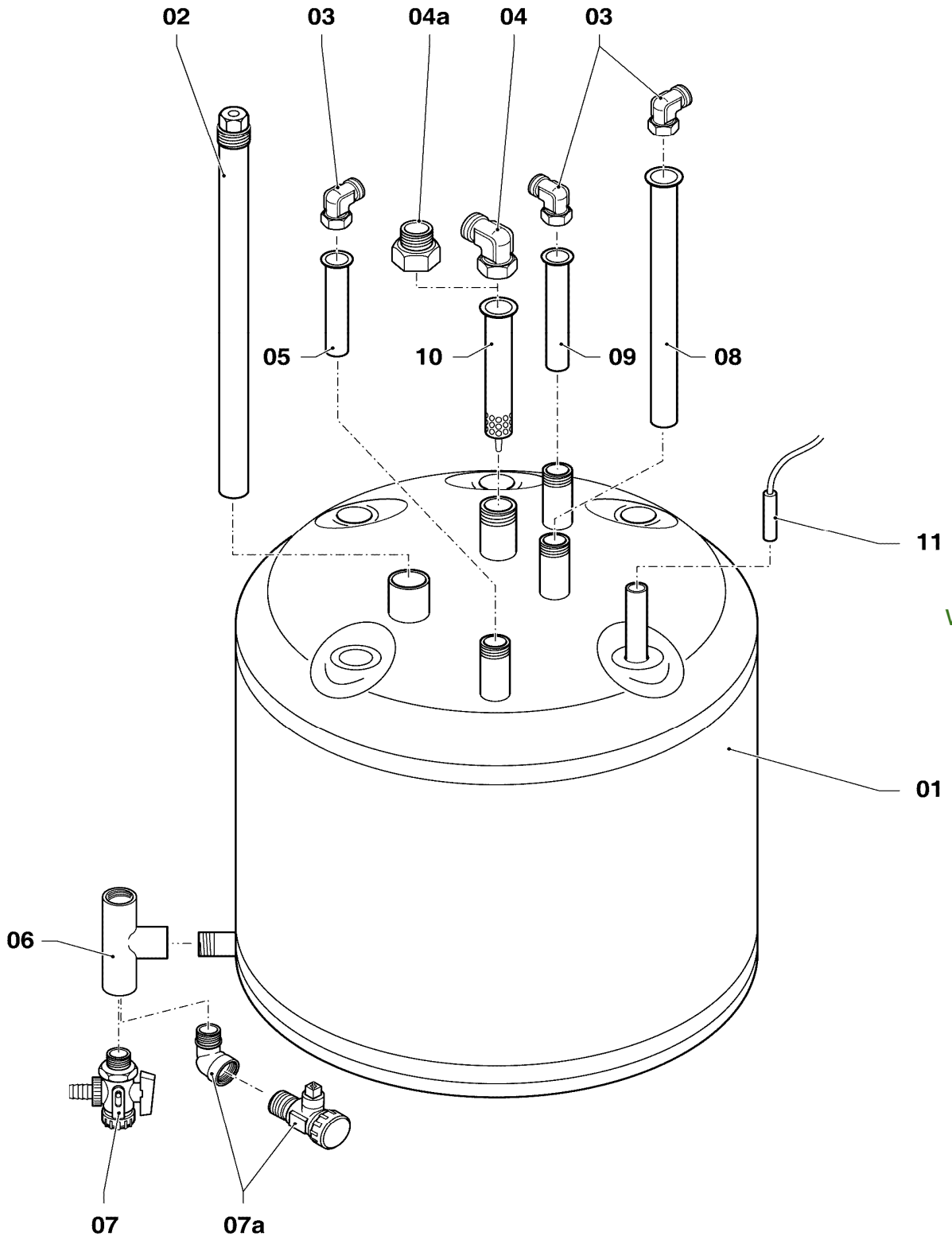
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065113 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger (not shown) |
| | | Isolierplatte 10 mm | für Wärmetauscher (nicht dargestellt) |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | - | - | not necessary / Position entfällt |
| 04 | 111992 | Support | with parts 03, 05 |
| | | Halter | mit Pos. 03, 05 |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 235738 | Screw | |
| | | Blechschraube | |
| 05a | - | - | not necessary / Position entfällt |
| 06-08 | - | - | not necessary / Position entfällt |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | |
| | | Dichtung (PWT-Abgassammler) | |
| 10a | - | - | not necessary / Position entfällt |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | - | - | not necessary / Position entfällt |
| 17a | 178973 | Heat exchanger dhw (20 plates) | with parts 17b+c |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 17b+c |
| 17b | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 17c | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 18-19 | - | - | not necessary / Position entfällt |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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03-06-070.02

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# 06b Storage water heater - Warmwasserspeicher

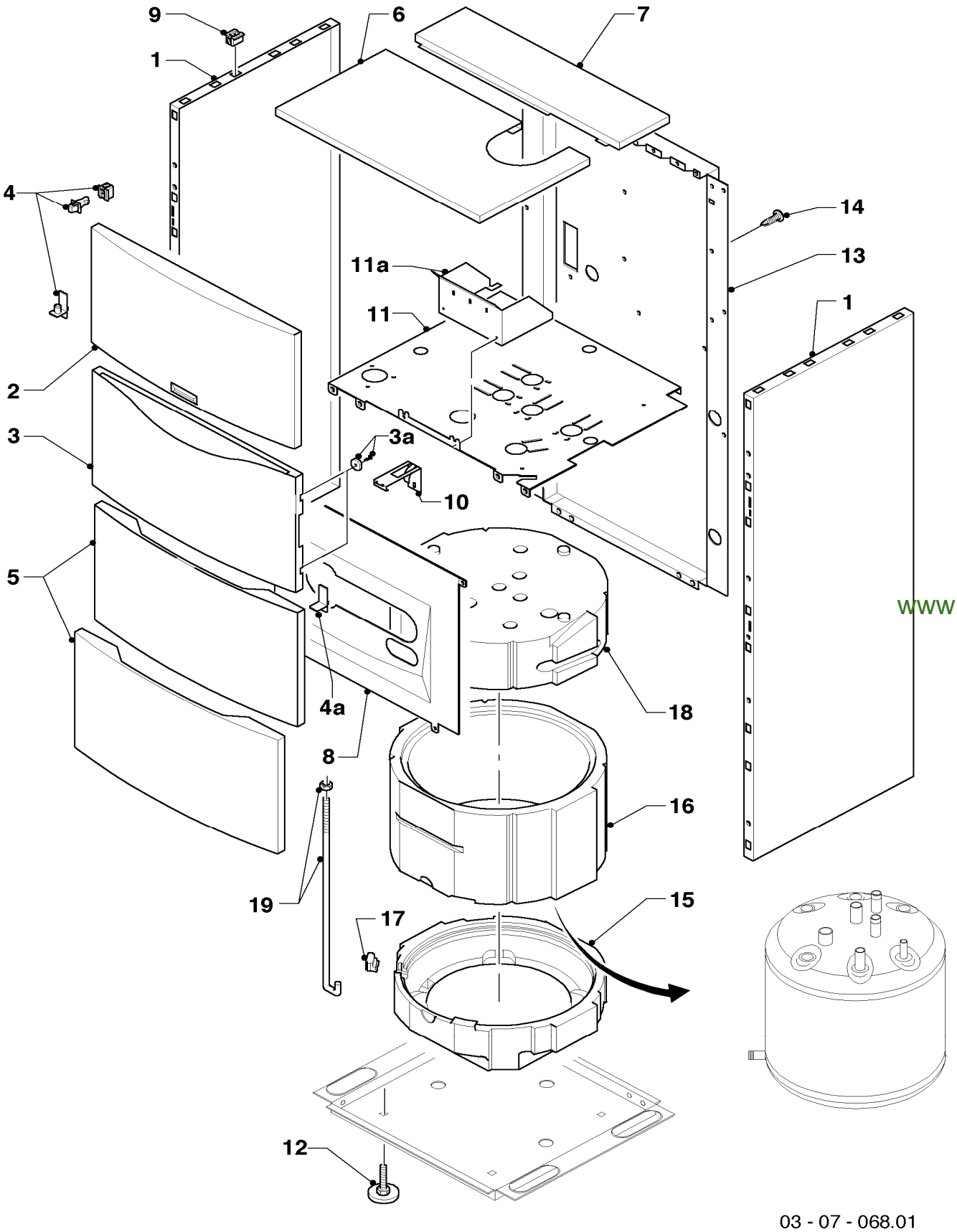
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-070 | |
| 01 | 111923 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |

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## 07a Casing - Verkleidungsteile

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# 07a Casing - Verkleidungsteile

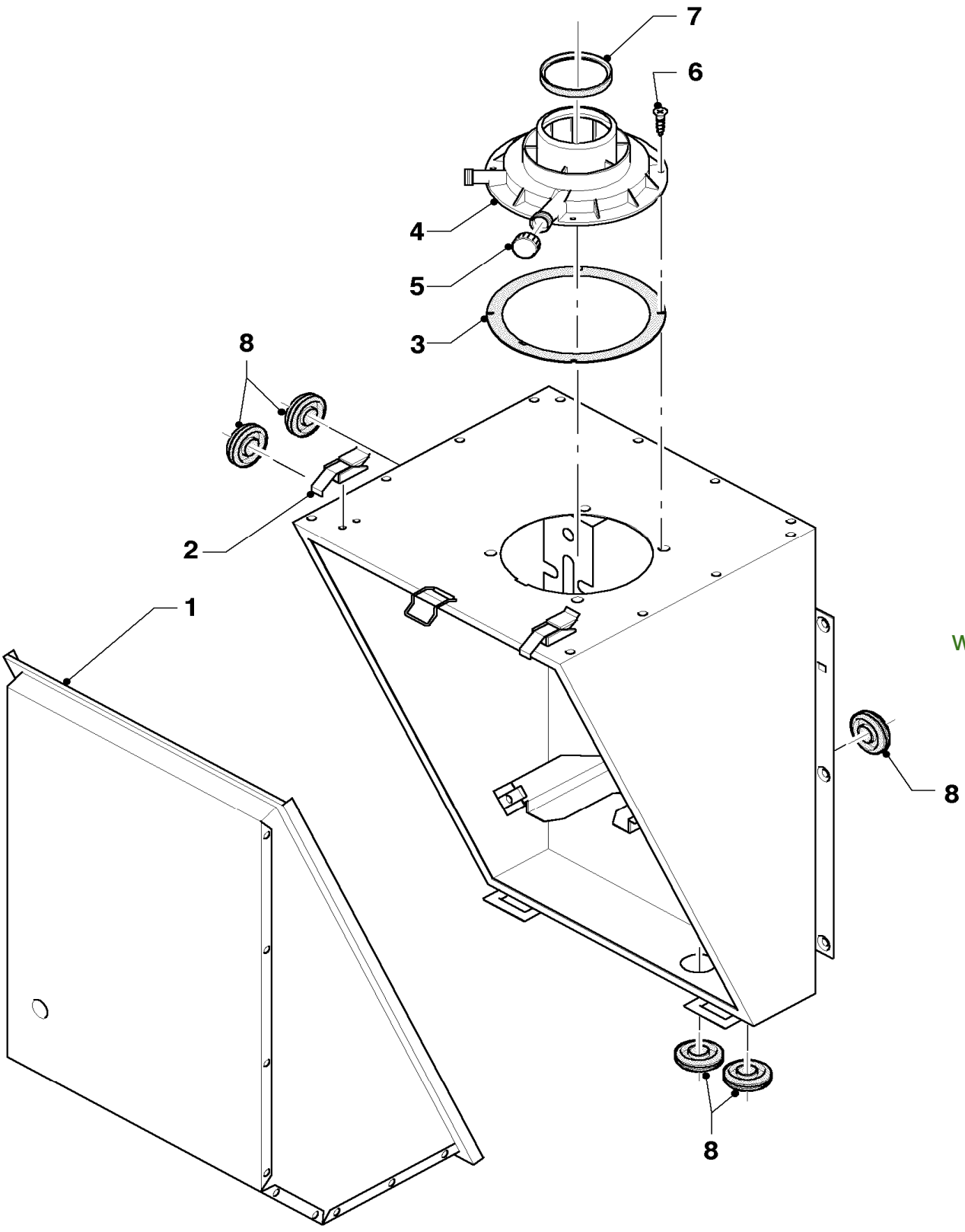
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-068 | |
| 01 | 111922 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 04a, 03a |
| | | Deckel (Steuerung) | mit Pos. 04a, 03a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 111911 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 111919 | Spring clamp | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 179055 | Inner plate | |
| | | Mantelblech (innen) | |
| 11a | 111914 | Support | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 134616 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 076272 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 076291 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 076273 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 179063 | Insulation, top | |
| | | Isolierung (oben) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

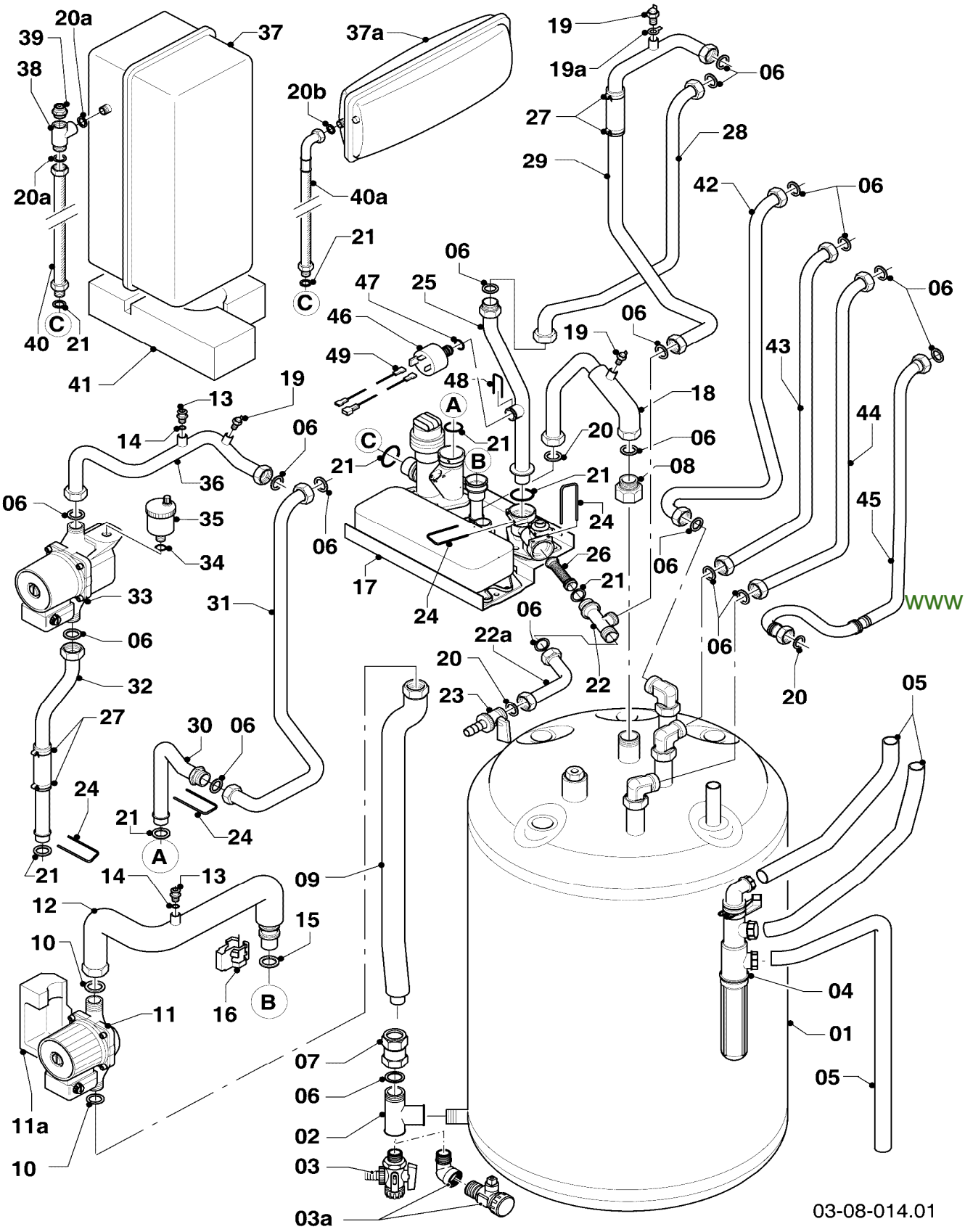
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-037 | |
| 00 | 111919 | Spring clamp | not shown |
| | | Klemmfeder (Schaltkasten) | nicht dargestellt |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | |
| | | Adapter (60/100) | |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulikteile

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# 08a Hydraulic parts - Hydraulikteile

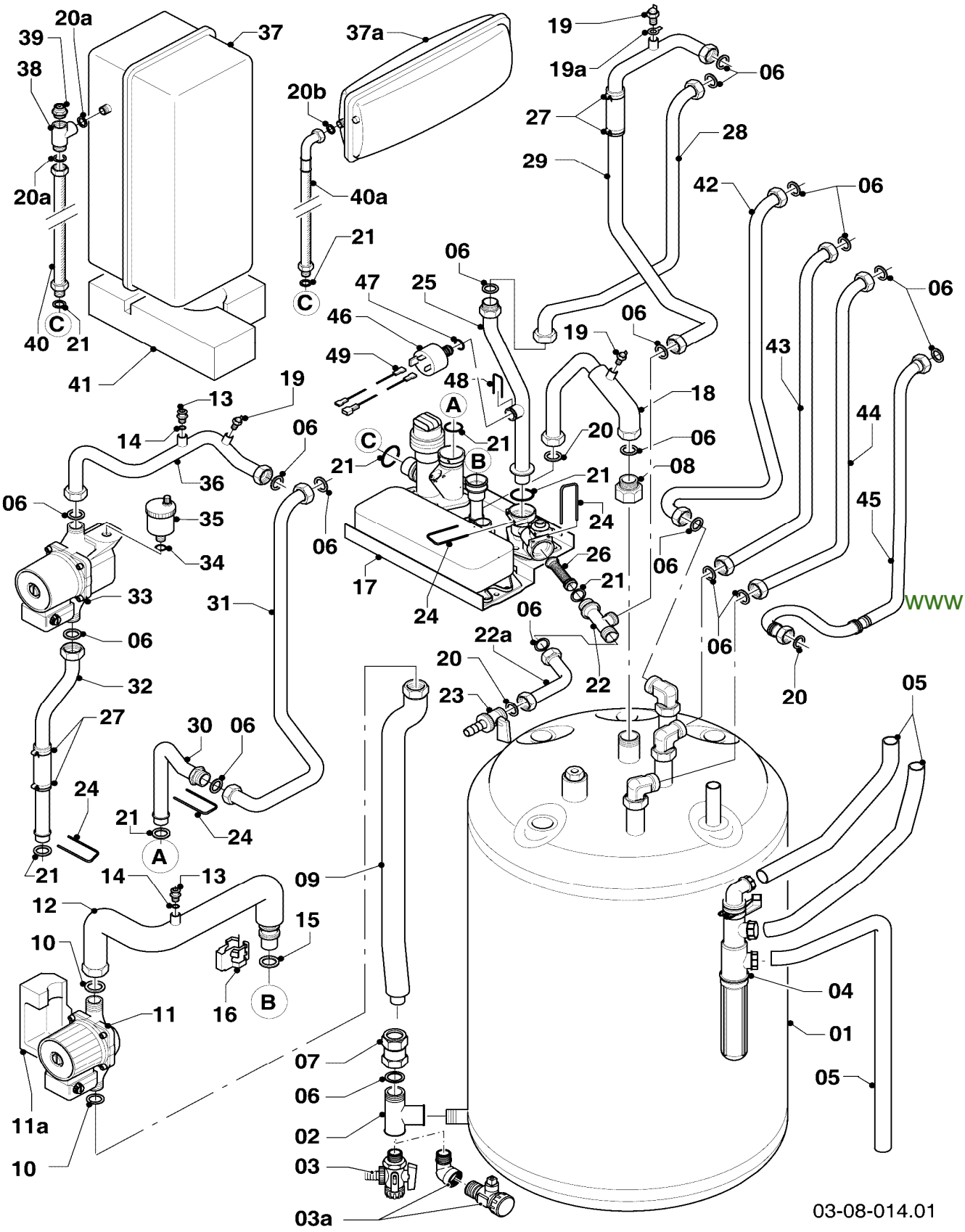
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-014 | |
| 01 | 111923 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 117215 | Reducing piece | |
| | | Reduzierstück | |
| 09 | 179093 | Tube | |
| | | Rohr (Speicherladepumpe) | |
| 10 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 11 | 179061 | Pump | with part 10 |
| | | Pumpe (Ladepumpe) | mit Pos. 10 |
| 11a | 179066 | Insulation (pump) | |
| | | Isolierung (Speicherladepumpe) | |
| 12 | 179091 | Tube | with parts 10, 13, 15, 16 |
| | | Rohr (mit Isolierung) | mit Pos. 10, 13, 15, 16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 179043 | Tube | with parts 06, 19, 20 and insulation |
| | | Rohr WW-Vorlauf | mit Pos. 06, 19, 20 und Isolierung |
| 19 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 19a | 733171 | Flat plug | |
| | | Flachstecker | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 20a | - | - | not necessary / Position entfällt |
| 20b | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | 0020060809 | Tube, kit with T-piece | with parts 06, 20, 21, 22a, 24 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 06, 20, 21, 22a, 24 |

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# 08a Hydraulic parts - Hydraulikteile

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# 08a Hydraulic parts - Hydraulikteile

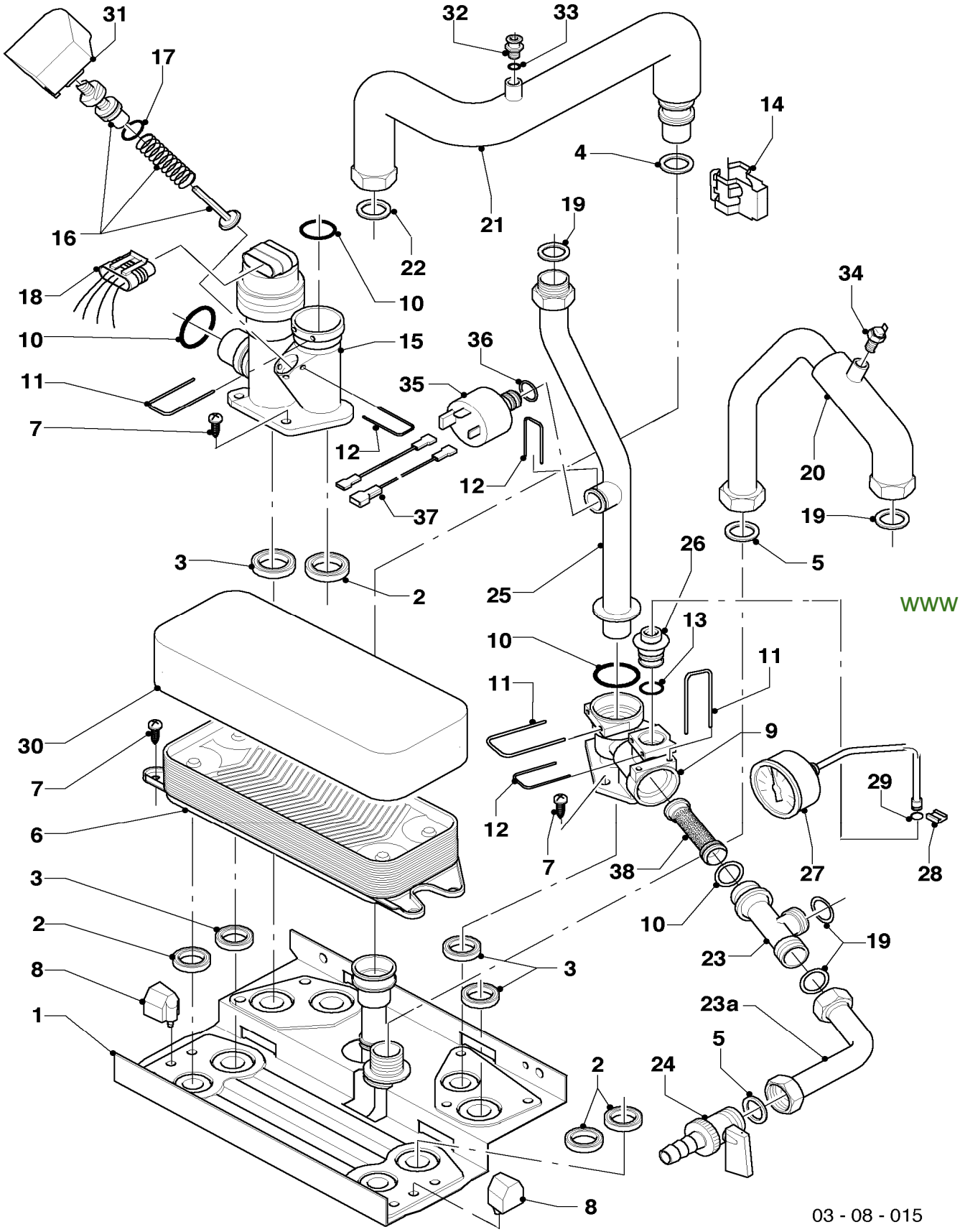
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-014 | |
| 22a | 0020060809 | Tube, kit with T-piece | with parts 06, 20, 21, 22, 24 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 06, 20, 21, 22, 24 |
| 23 | 179072 | Drain cock | with part 20 |
| | | Entleerungsventil | mit Pos. 20 |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020029696 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | 0020029697 | Tube | with parts 06, 19, 19a |
| | | Rohr (PWT-Vorlauf) | mit Pos. 06, 19, 19a |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020017104 | Connection tube | with parts 06, 21, 24, 27 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 06, 21, 24, 27 |
| 33 | 179054 | Pump (heating) | with parts 06, 34 |
| | | Pumpe (Heizung) | mit Pos. 06, 34 |
| 34 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 35 | 061707 | Automatic de-aerator | with part 34 |
| | | Schnellentlüfter | mit Pos. 34 |
| 36 | 0020017105 | Connection tube | with parts 06, 13, 18, 21, 24 |
| | | Rohr (PWT Rücklauf) | mit Pos. 06, 13, 18, 21, 24 |
| 37 | - | - | not necessary / Position entfällt |
| 37a | 181051 | Expansion vessel | |
| | | Ausdehnungsgefäß | |
| 38 | - | - | not necessary / Position entfällt |
| 40a | 179084 | Flexible hose (expansion vessel) | with part 21a |
| | | Schlauch (flexibel für ADG) | mit Pos. 21a |
| 41 | 179046 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 45 | 123481 | Gas connection tube | with parts 06, 20 |
| | | Gasrohr | mit Pos. 06, 20 |
| 46 | 712087 | Pressure sensor | with part 47 |
| | | Sensor (Drucksensor) | mit Pos. 47 |
| 47 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 48 | 154150 | Clip | |
| | | Bügel | |
| 49 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

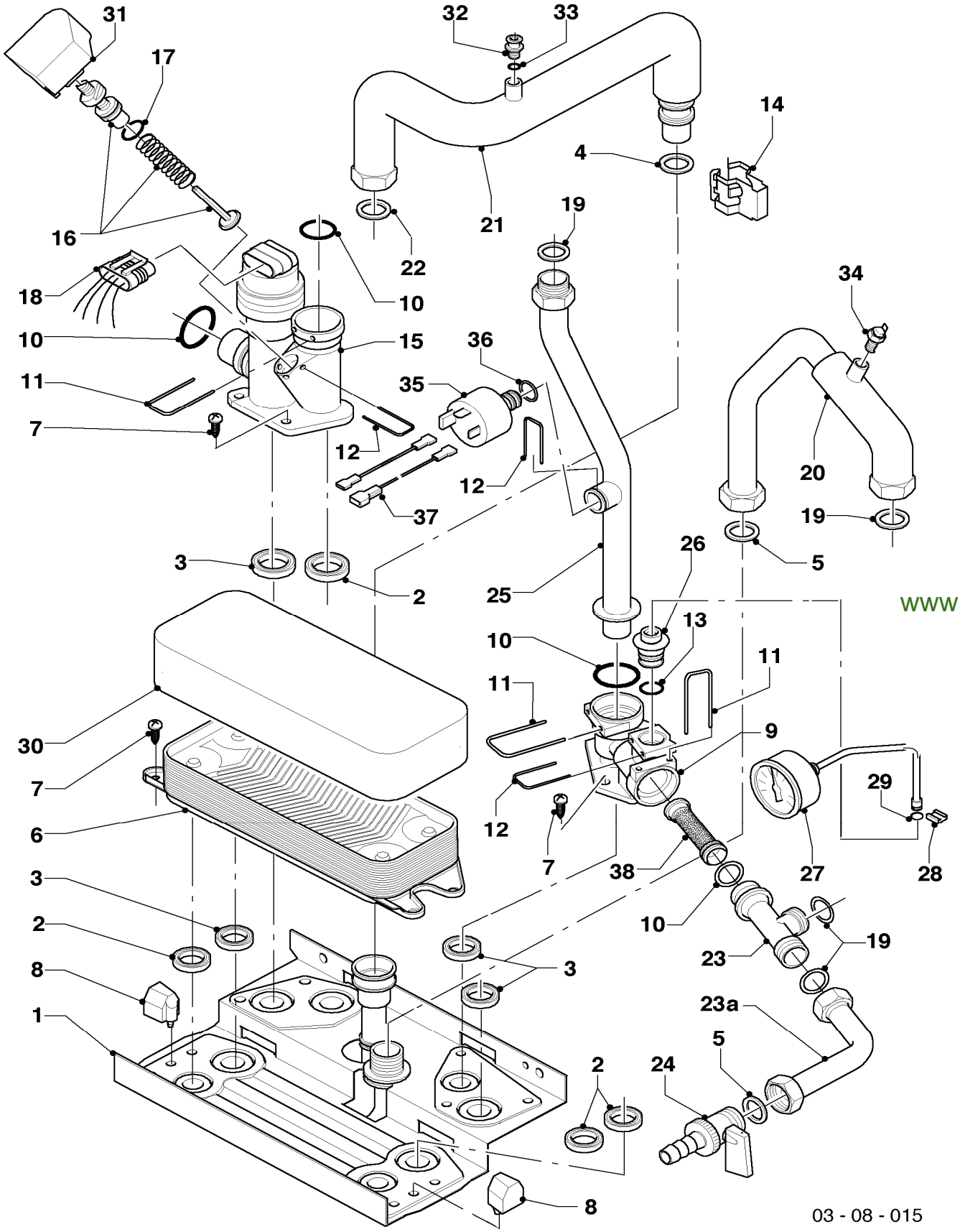
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-015 | |
| 01 | 178965 | Support | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 178973 | Heat exchanger dhw (20 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020032302 | Cable tree | VSC 126-C 140 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 126-C 140 R3 |
| 18 | 0020032303 | Cable tree | VSC 196-C 150 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 196-C 150 R3 |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 179043 | Tube | with parts 05, 19, 34 |
| | | Rohr WW-Vorlauf | mit Pos. 05, 19, 34 |
| 21 | 179091 | Tube | with parts 04, 14, 22, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 22, 32 |
| 22 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 23 | 0020060809 | Tube, kit with T-piece | with parts 05, 10, 11, 19, 23a |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 05, 10, 11, 19, 23a |
| 23a | 0020060809 | Tube, kit with T-piece | with parts 05, 10, 11, 19, 23 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 05, 10, 11, 19, 23 |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

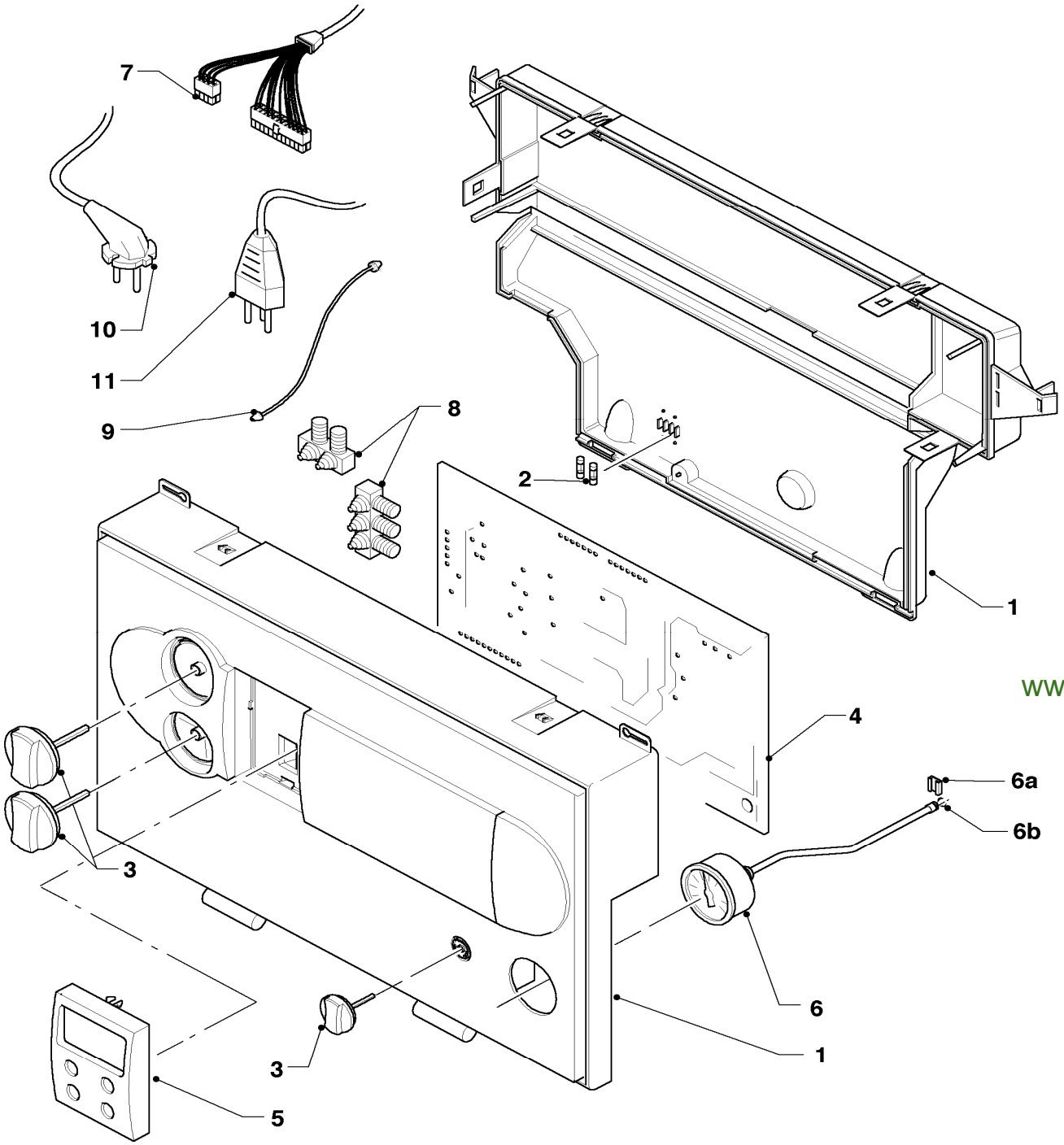
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-015 | |
| 24 | 179072 | Drain cock | with part 05 |
| | | Entleerungsventil | mit Pos. 05 |
| 25 | 0020029696 | Tube | with parts 10, 11, 19 |
| | | Rohr | mit Pos. 10, 11, 19 |
| 26 | 179059 | Connection piece | with parts 12, 13 |
| | | Verbindungsstück | mit Pos. 12, 13 |
| 27 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 179052 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 35 | 712087 | Pressure sensor | with part 36 |
| | | Sensor (Drucksensor) | mit Pos. 36 |
| 36 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 37 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |
| 38 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control box - Schaltkasten

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## 12 Control box - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-12-038 | |
| 00 | 253552 | Temperature sensitive element | drawing see main component 06b storage water heater |
| | | Fühler (Temperaturfühler) | Darstellung siehe Baugruppe 06b Warmwasserspeicher |
| 00 | 253815 | Cable connector (set) | 3-pins white, violet, turquoise and 2-pins blue (not shown) |
| | | Steckverbinder-Set (System ProE) | Set besteht aus weiß (3-polig), violett (3-polig), türkis (3-polig) und blau (2-polig), nicht dargestellt |
| 00 | 733734 | cable connector (Rast 5, 3-pole) | 3-pins, grey (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grau (nicht dargestellt) |
| 00 | 733737 | Cable connector | 3-pins, green (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grün (nicht dargestellt) |
| 00 | 252629 | Plug | 6-pins, transparent (not shown) |
| | | Steckverbinder (Rast 5, 6-polig) | 6-polig natur (nicht dargestellt) |
| 01 | 295248 | Casing | with parts 02, 03 |
| | | Gehäuse | mit Pos. 02, 03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 130826 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 130847 | Printed circuit (display) | |
| | | Display beleuchtet | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 0020032302 | Cable tree | VSC 126 C-140 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 126 C-140 R3 |
| 07 | 0020032303 | Cable tree | VSC 196 C-150 R3 |
| | | Kabelbaum (Gerät, Gasventil etc.) | VSC 196 C-150 R3 |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078536 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10-11 | - | - | not necessary / Position entfällt |

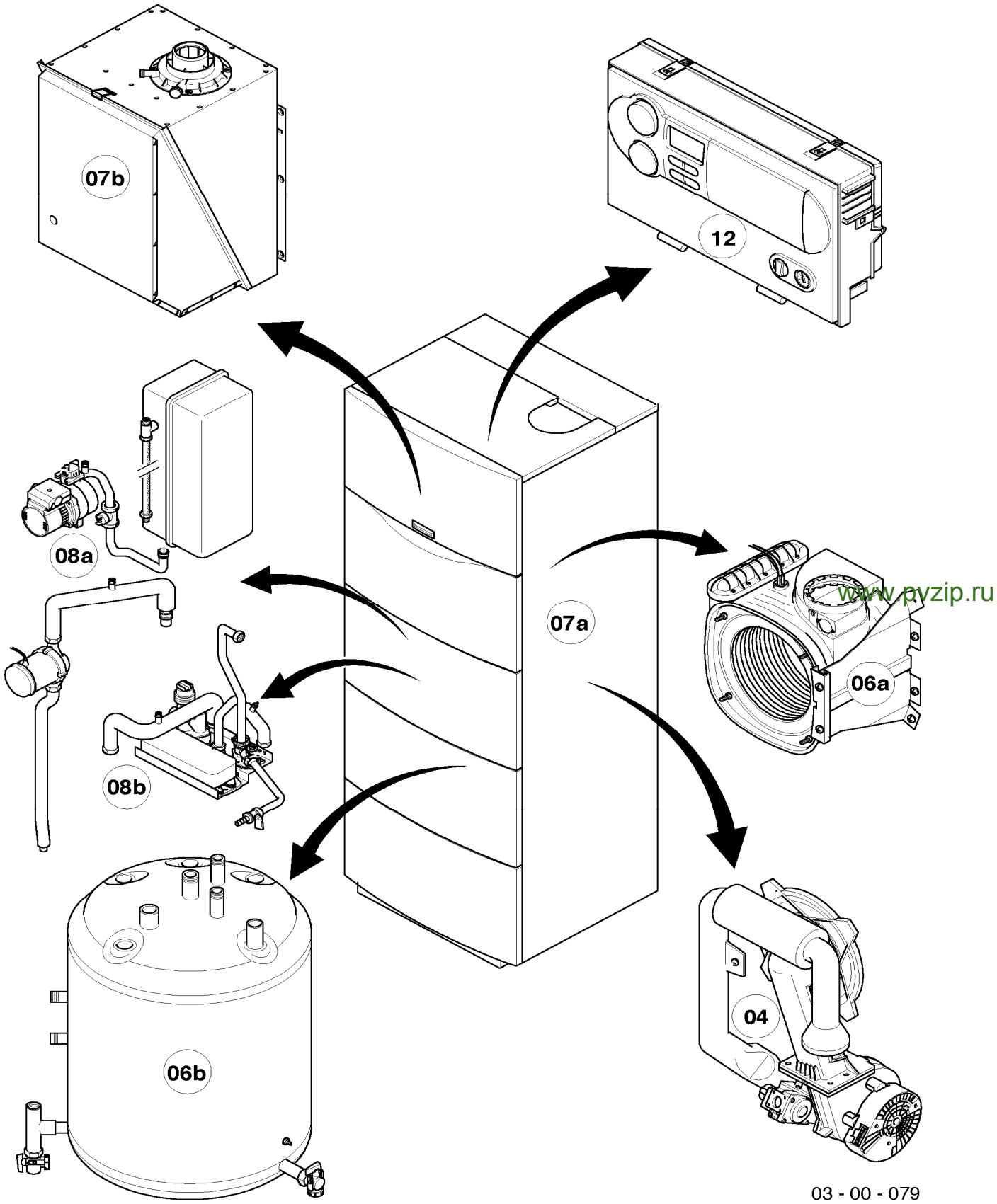
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# General view of sheet - Baugruppenübersicht

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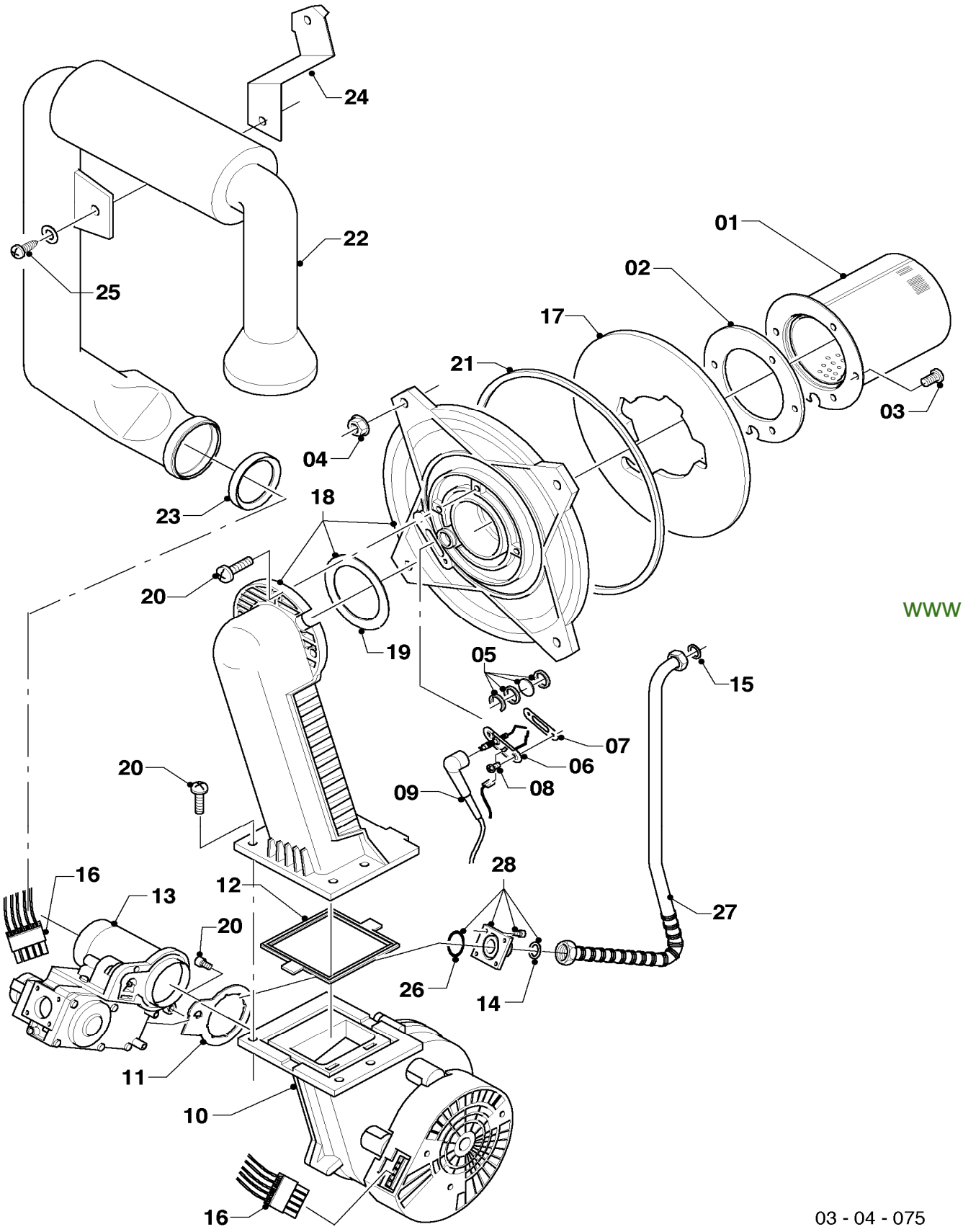



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## 04 Burner - Brenner

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# 04 Burner - Brenner

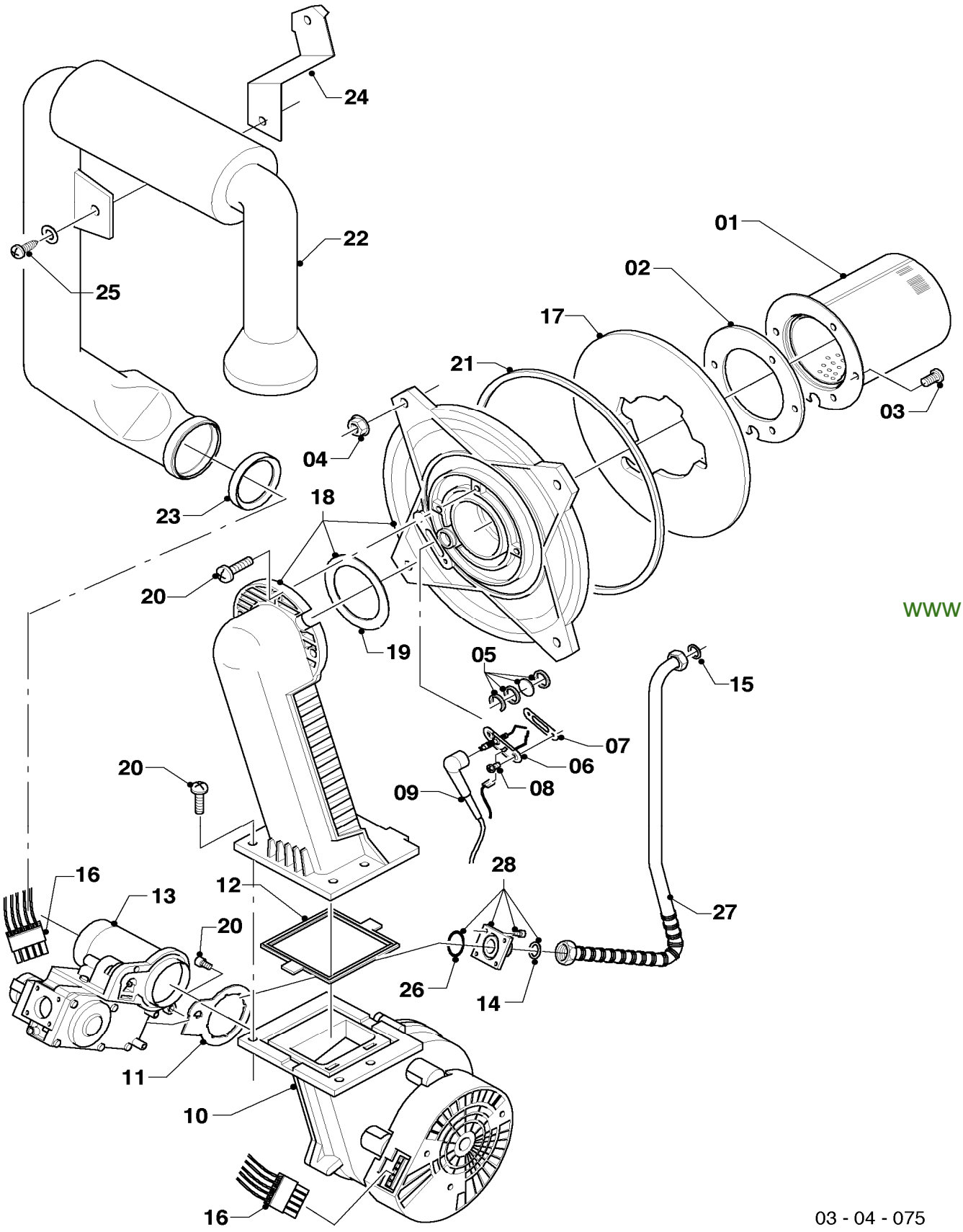
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 049324 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 0020038562 | Gas section | with parts 11, 14, 26 |
| | | Gasarmatur | mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |

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# 04 Burner - Brenner

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# 04 Burner - Brenner

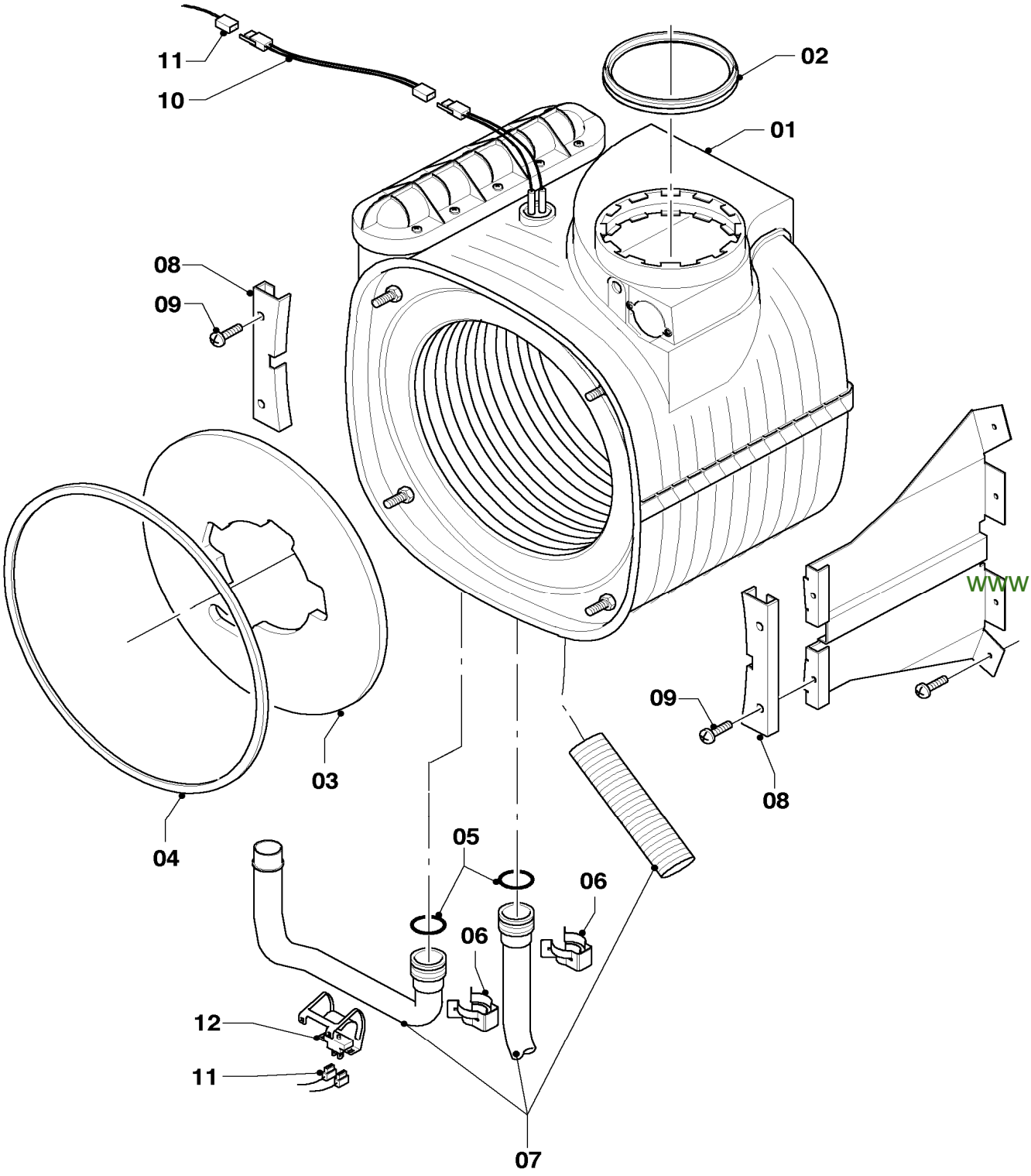
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 22 | 0020041163 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038570 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

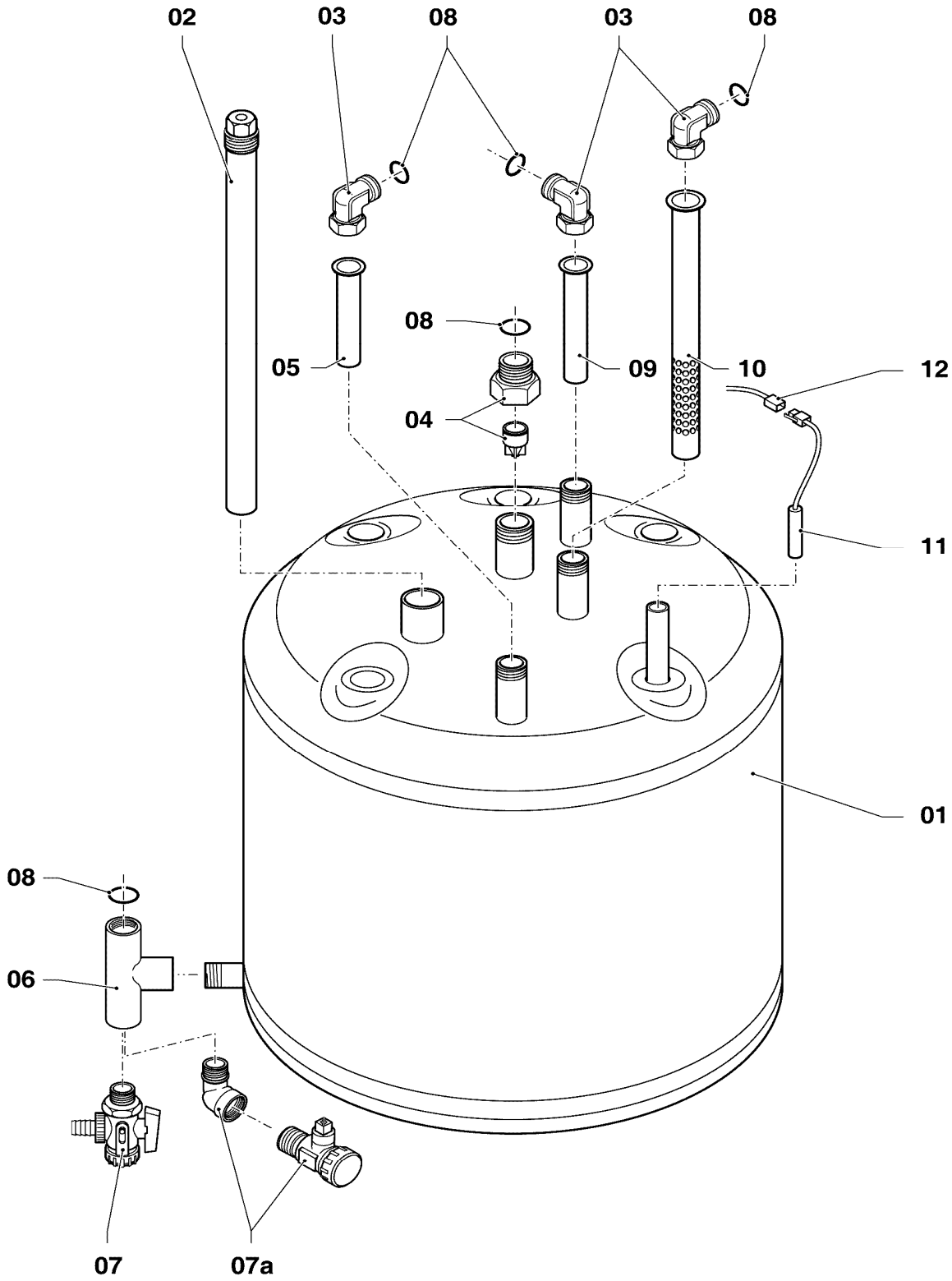
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018181 | Heat exchanger | with parts 02- 06 |
| | | Wärmetauscher HW | mit Pos. 02- 06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

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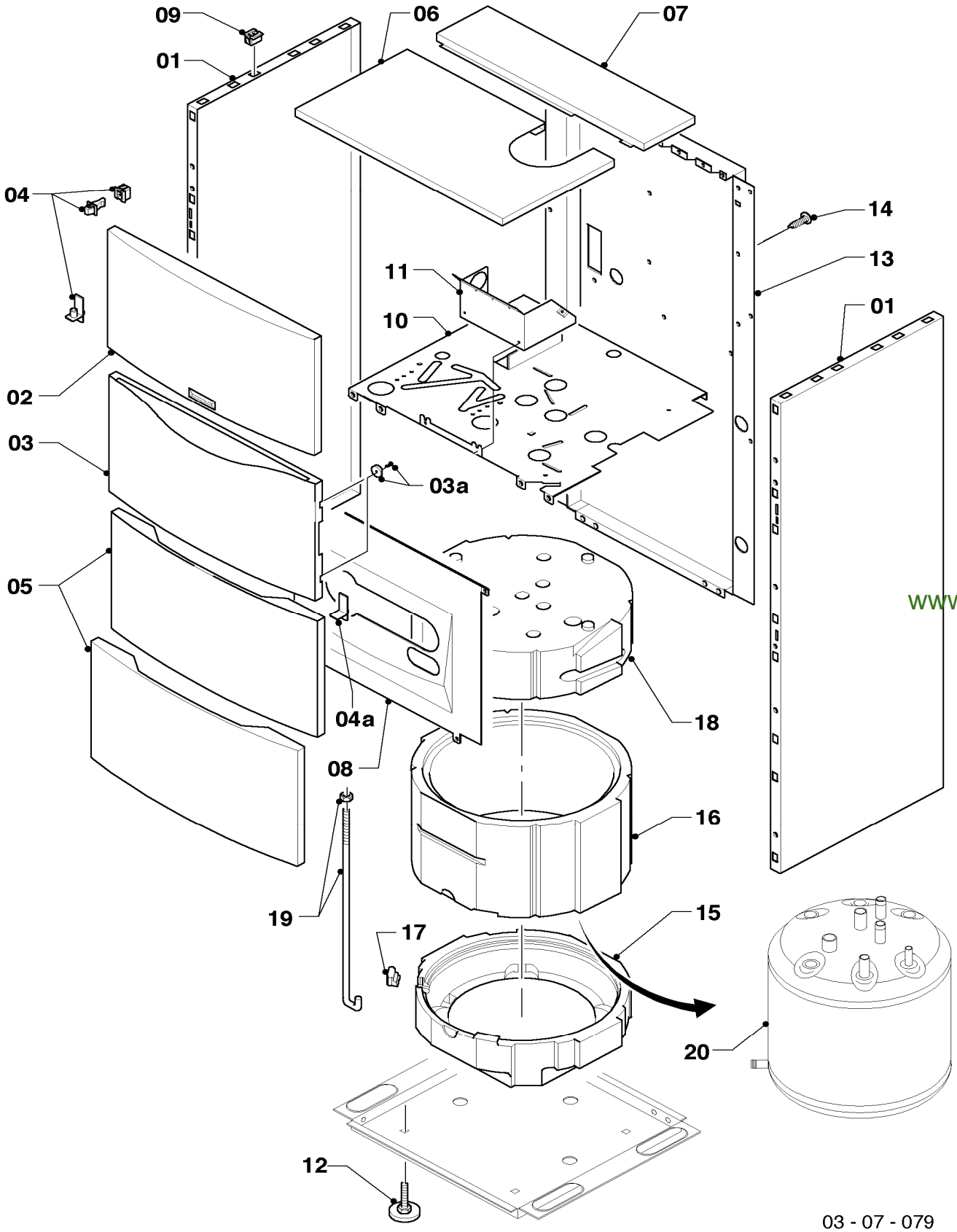
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-078 | |
| 01 | 0020018743 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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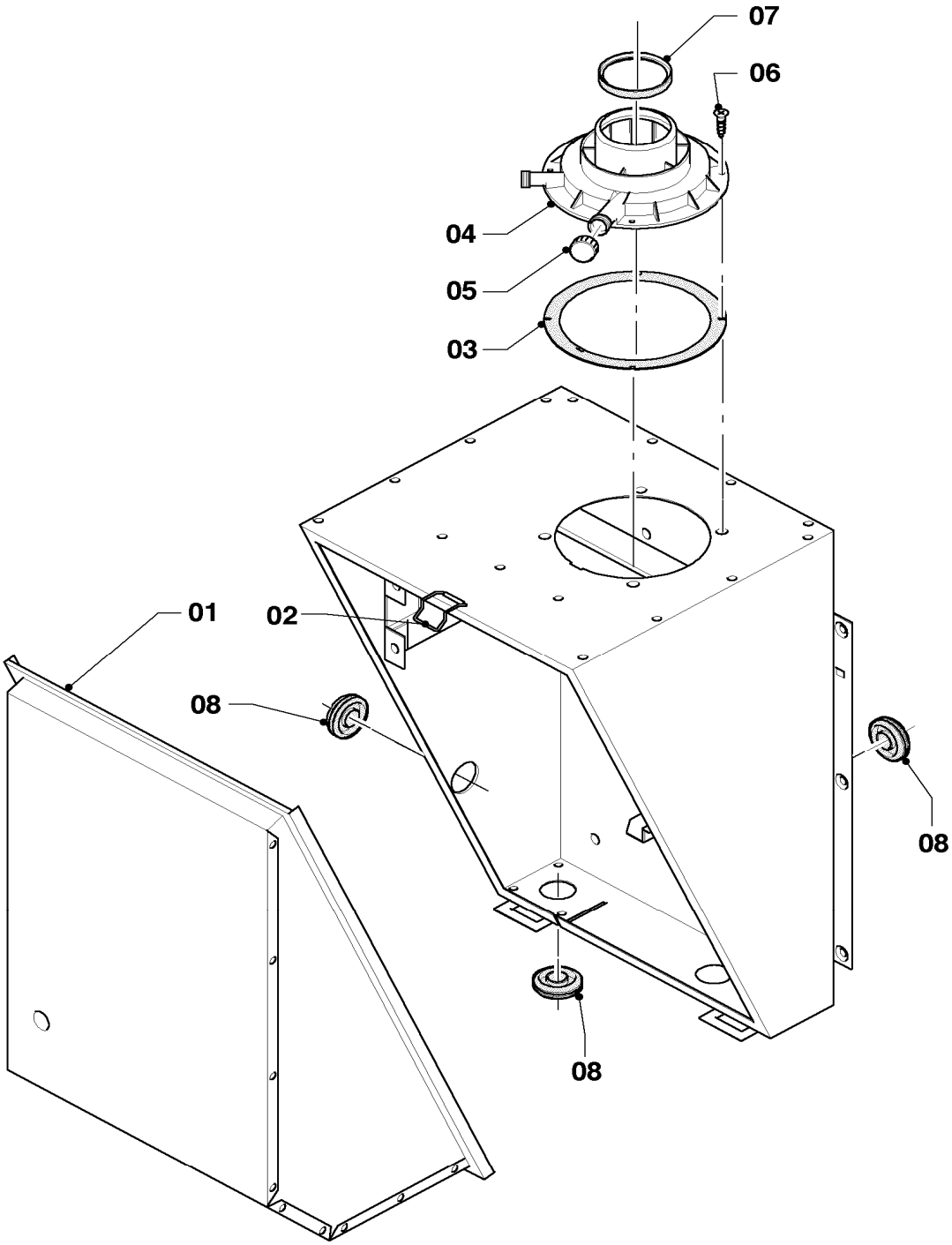
VSC INT 196/2-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-079 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038595 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 0020038561 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020038600 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 0020038597 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 0020038596 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

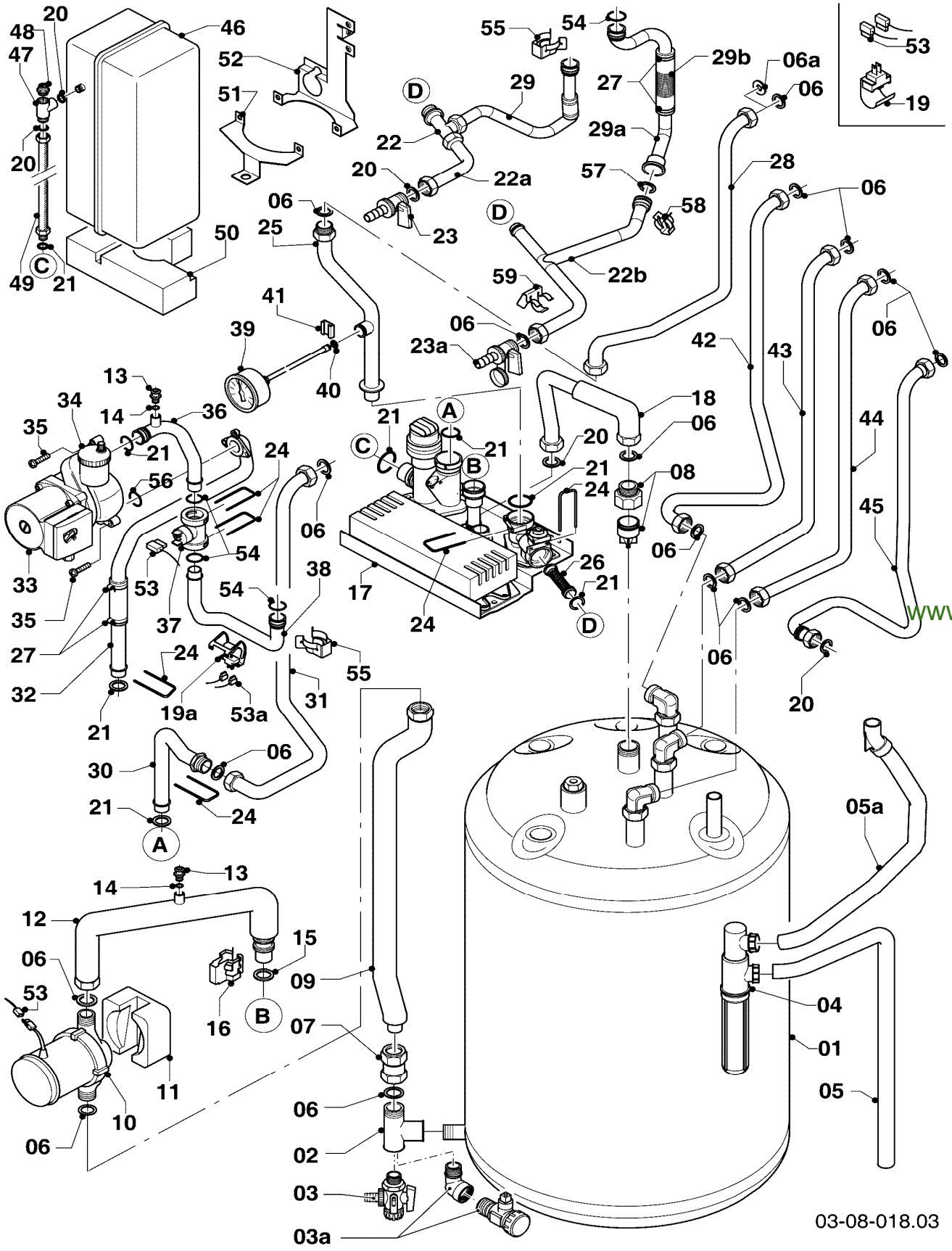
VSC INT 196/2-C 150

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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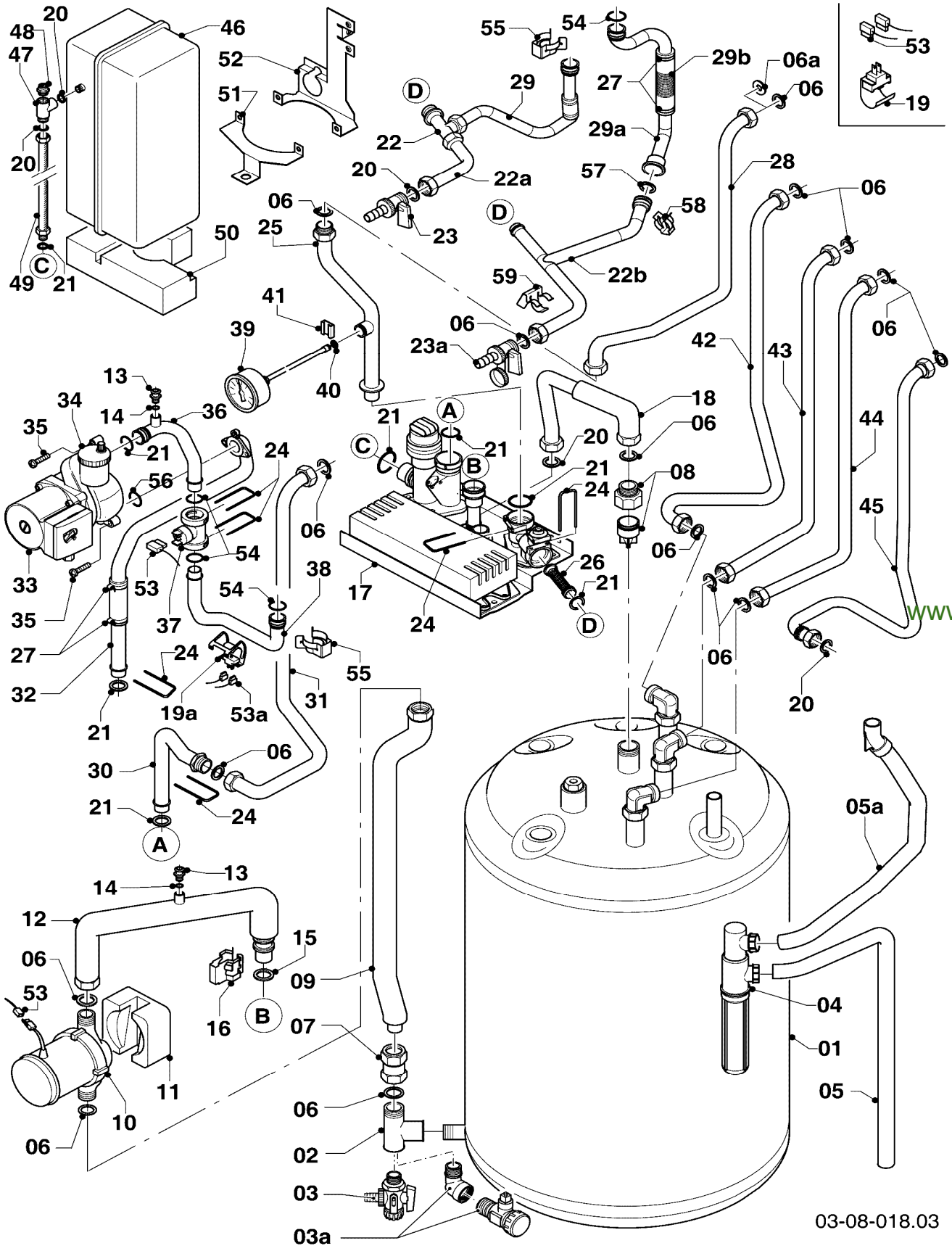
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 01 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 04 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 04 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 05a | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 06a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 09 | 0020038563 | Tube (with insulation) | with part 06 |
| | | Rohr (mit Isolierung) | mit Pos. 06 |
| 10 | 0020038578 | Pump | with part 06 |
| | | Pumpe (Ladepumpe) | mit Pos. 06 |
| 10 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 11 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 12 | 0020038579 | Tube (with insulation) | with parts 06, 13-16 |
| | | Rohr (mit Isolierung) | mit Pos. 06, 13-16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 0020038601 | Tube | |
| | | Rohr (mit Isolierung) | |
| 19 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 19a | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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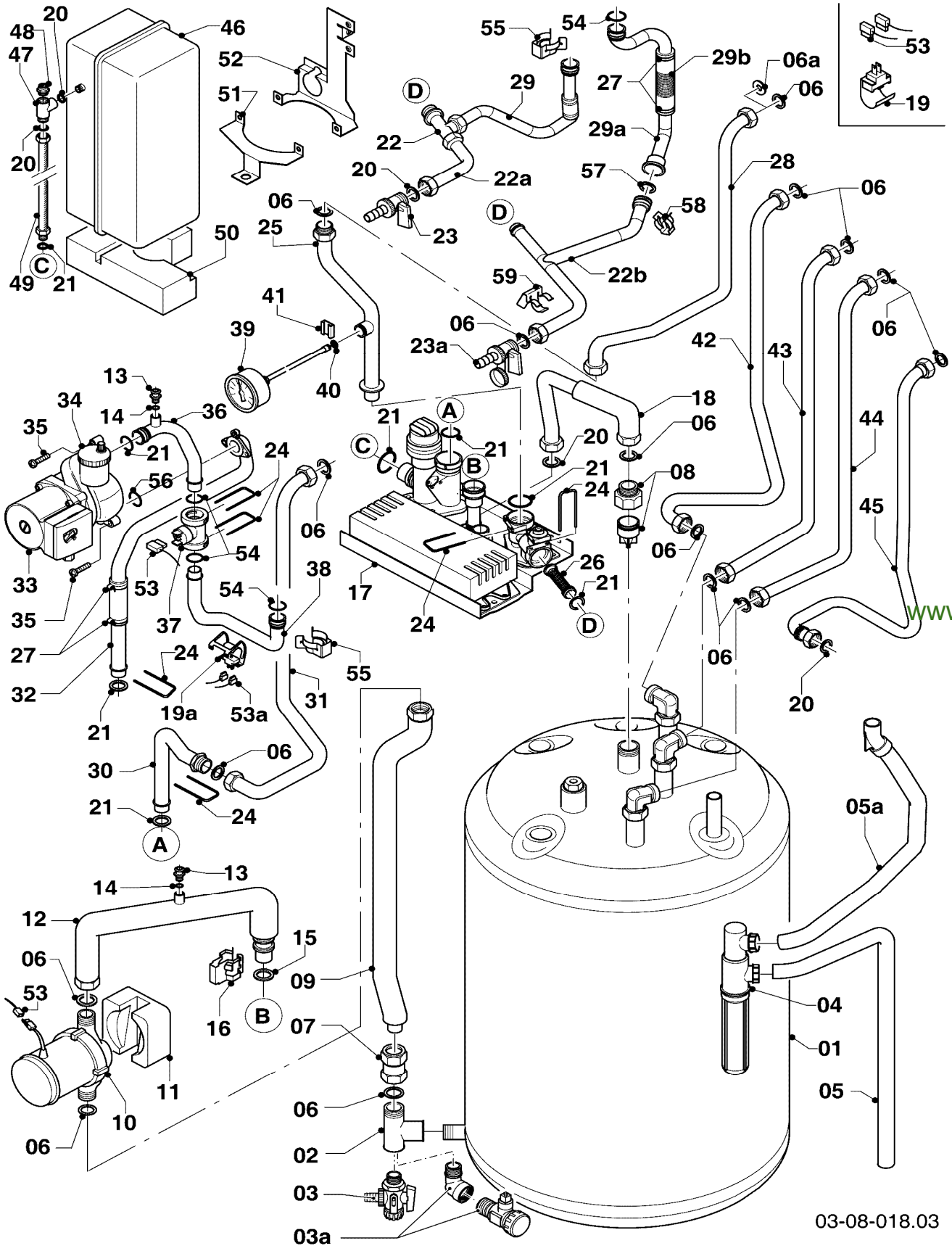
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22a | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22b | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| 23 | 179072 | Drain cock | old execution (with part 20) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 20) |
| 23a | 0020065827 | Valve (G 3/4) | new execution (with part 06) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 06) |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020038580 | Tube | with parts 06, 21, 24 |
| | | Rohr (Manometer) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 29a | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 29b | 080387 | Flexible tube | with part 27 |
| | | Schlauch | mit Pos. 27 |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020038575 | Tube | with parts 21, 24, 27, 56 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 21, 24, 27, 56 |
| 33 | 0020051969 | Pump (heating) | with parts 21, 34, 56 |
| | | Pumpe (Heizung) | mit Pos. 21, 34, 56 |
| 33 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 34 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 35 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 36 | 0020038574 | Tube (pump-sensor) | with parts 13, 14, 21, 24, 54 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 13, 14, 21, 24, 540 |
| 37 | 0020045923 | Sensor (Vortex) | with parts 24, 54 |
| | | Fühler (Vortex) | mit Pos. 24, 54 |
| 38 | 0020038576 | Tube | with parts 24, 54, 55 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 24, 54, 55 |

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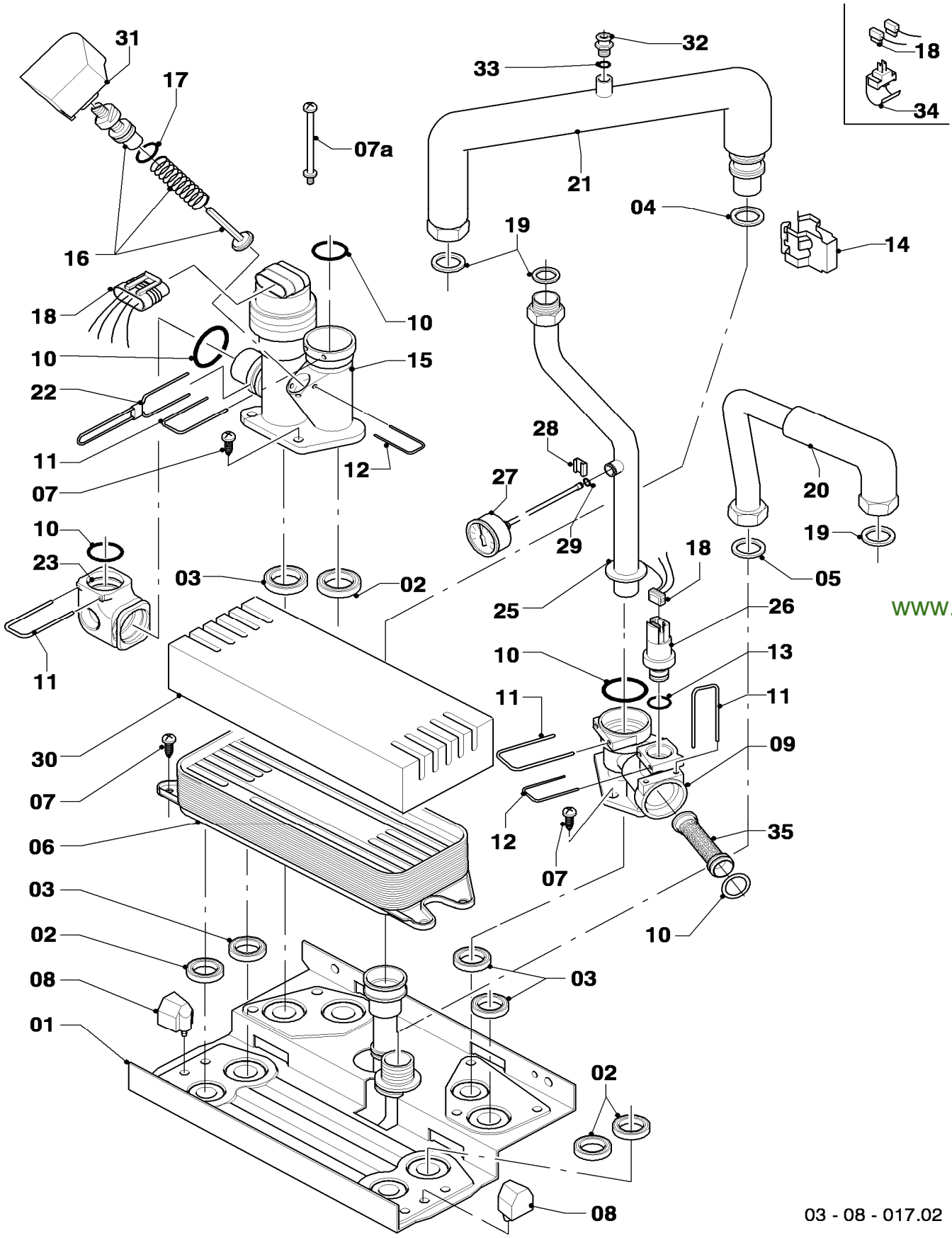
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 44 | 0020064686 | Plug | for appliances without circulation (not shown) |
| | | Stopfen | Verschluss Zirkulationsanschluss (nicht dargestellt) |
| 45 | 0020038570 | Tube (gas) | with parts 06, 20 |
| | | Rohr (Gas) | mit Pos. 06, 20 |
| 46 | 179047 | Expansion vessel 12 ltr. | with part 20 |
| | | Ausdehnungsgefäß 12 ltr. | mit Pos. 20 |
| 47 | 179049 | T-piece | with parts 20, 48 |
| | | T-Stück | mit Pos. 20, 48 |
| 48 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 49 | 179083 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 50 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 51 | 0020038584 | Support (expansion vessel) | |
| | | Halter (ADG, vorne) | |
| 52 | 0020038585 | Support (expansion vessel) | |
| | | Halter (ADG, hinten) | |
| 53 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 53a | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 54 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 55 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 56 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 57 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 58 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 59 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

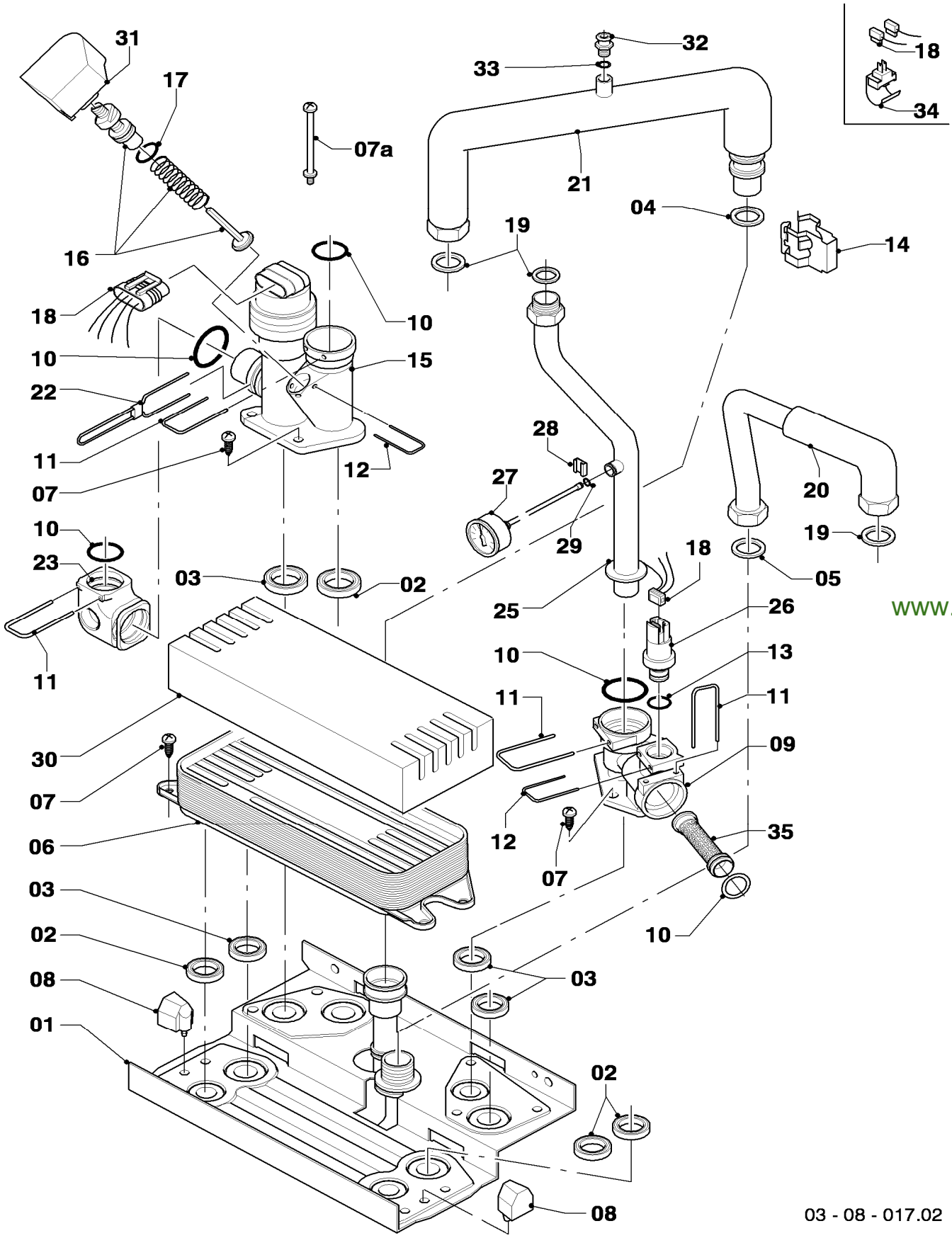
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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# 08b Hydraulic parts - Hydraulikblock

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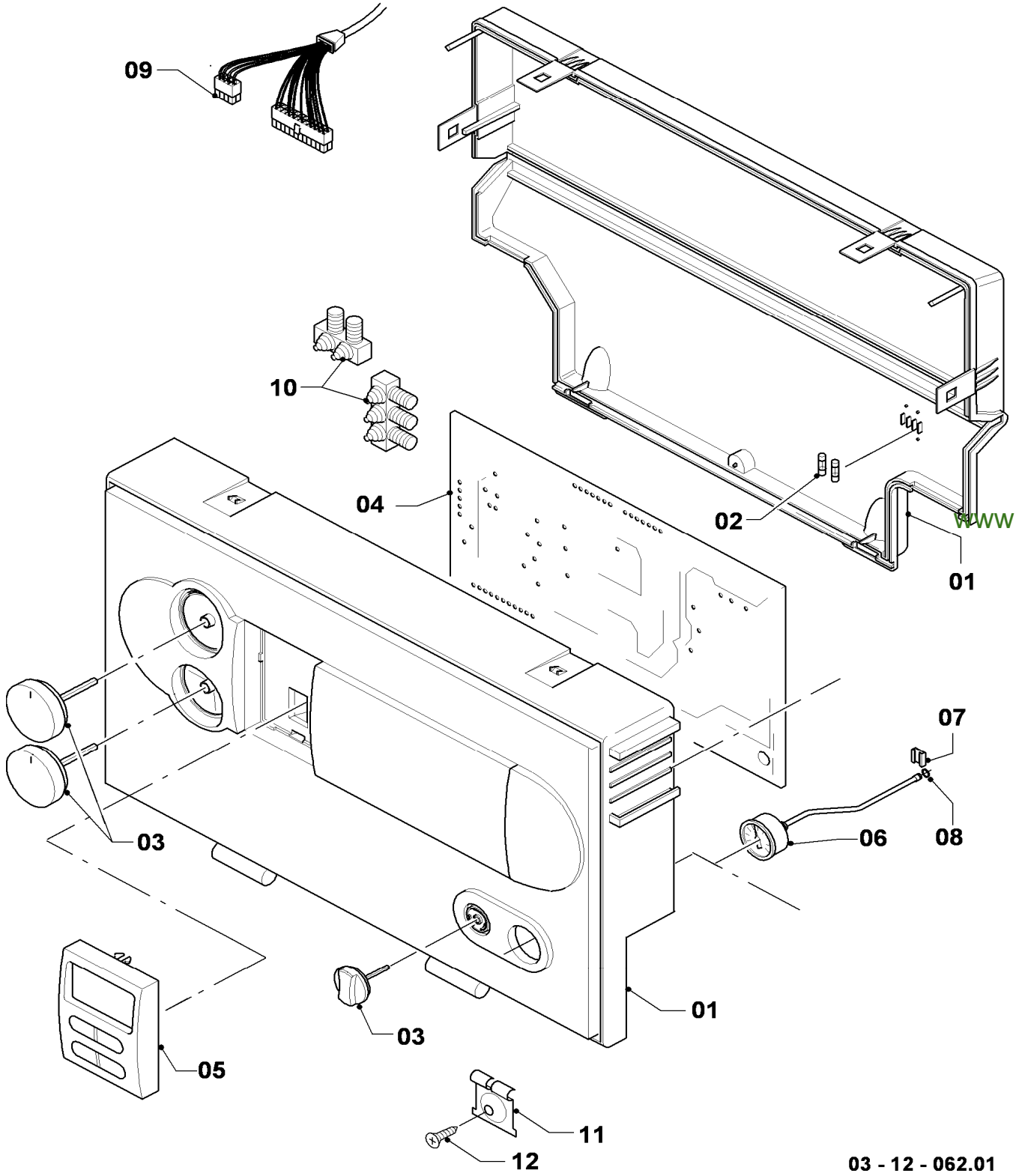
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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# 12 Control panel - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020038587 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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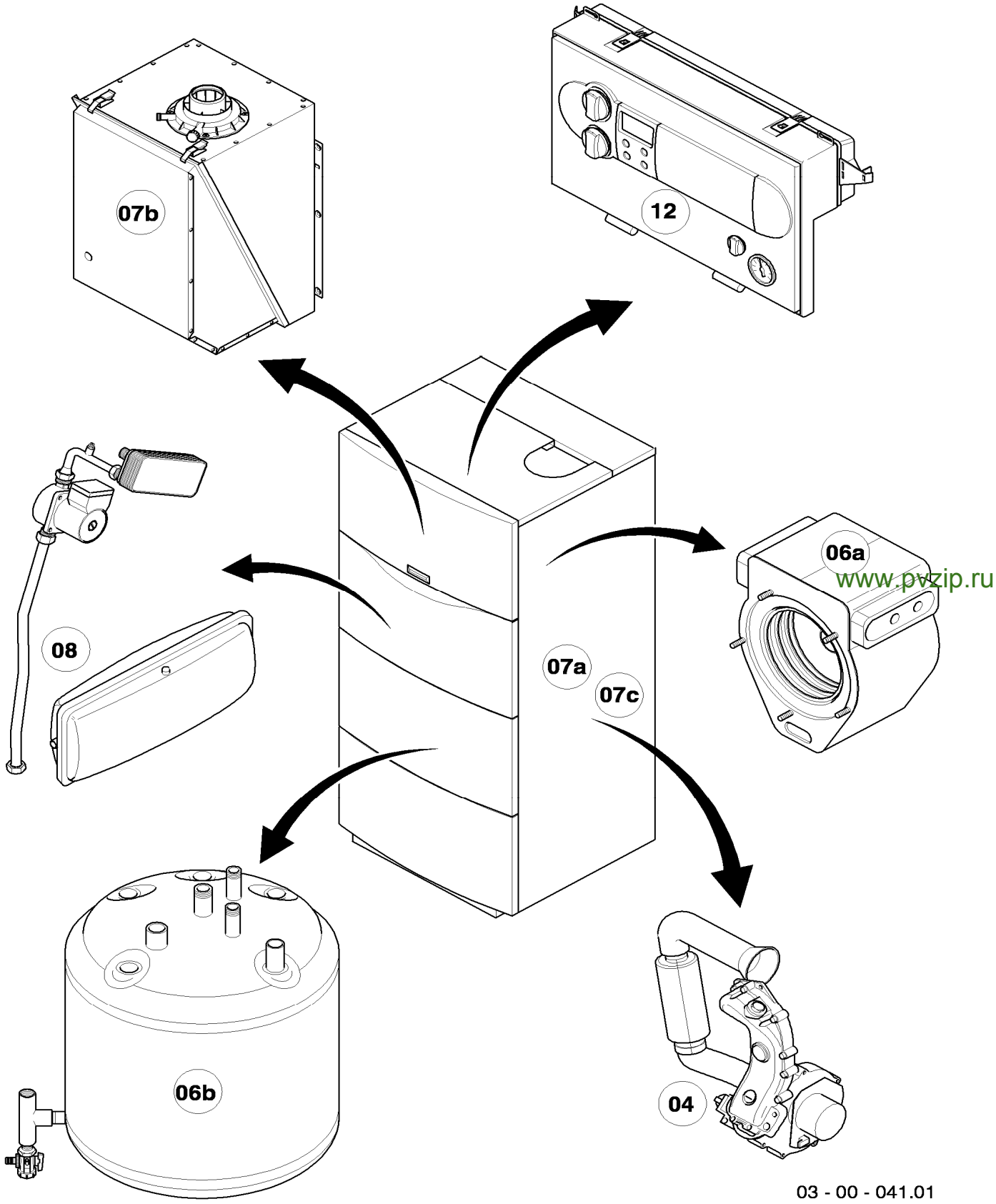
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# General view of sheet - Baugruppenübersicht

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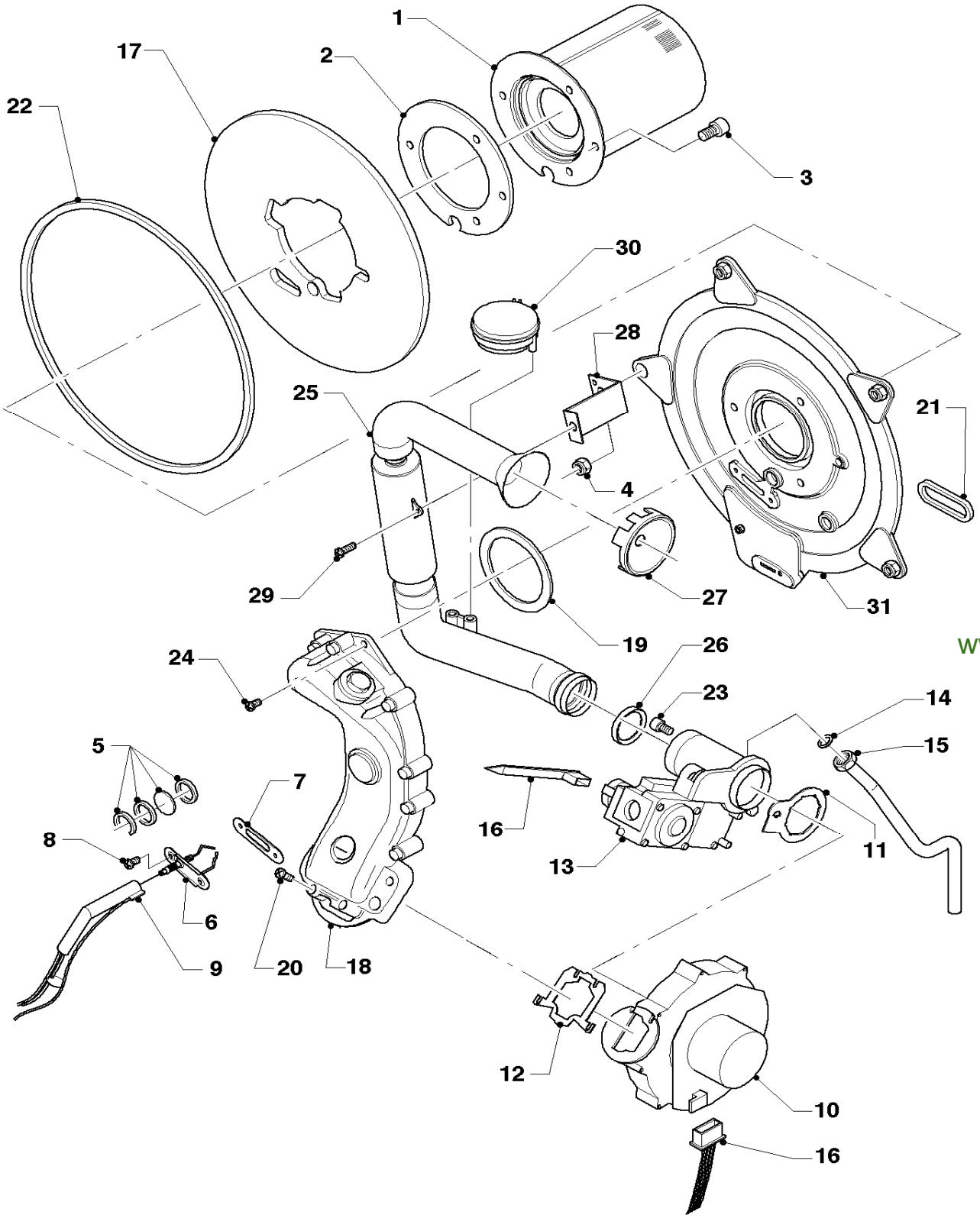



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## 04 Burner - Brenner

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# 04 Burner - Brenner

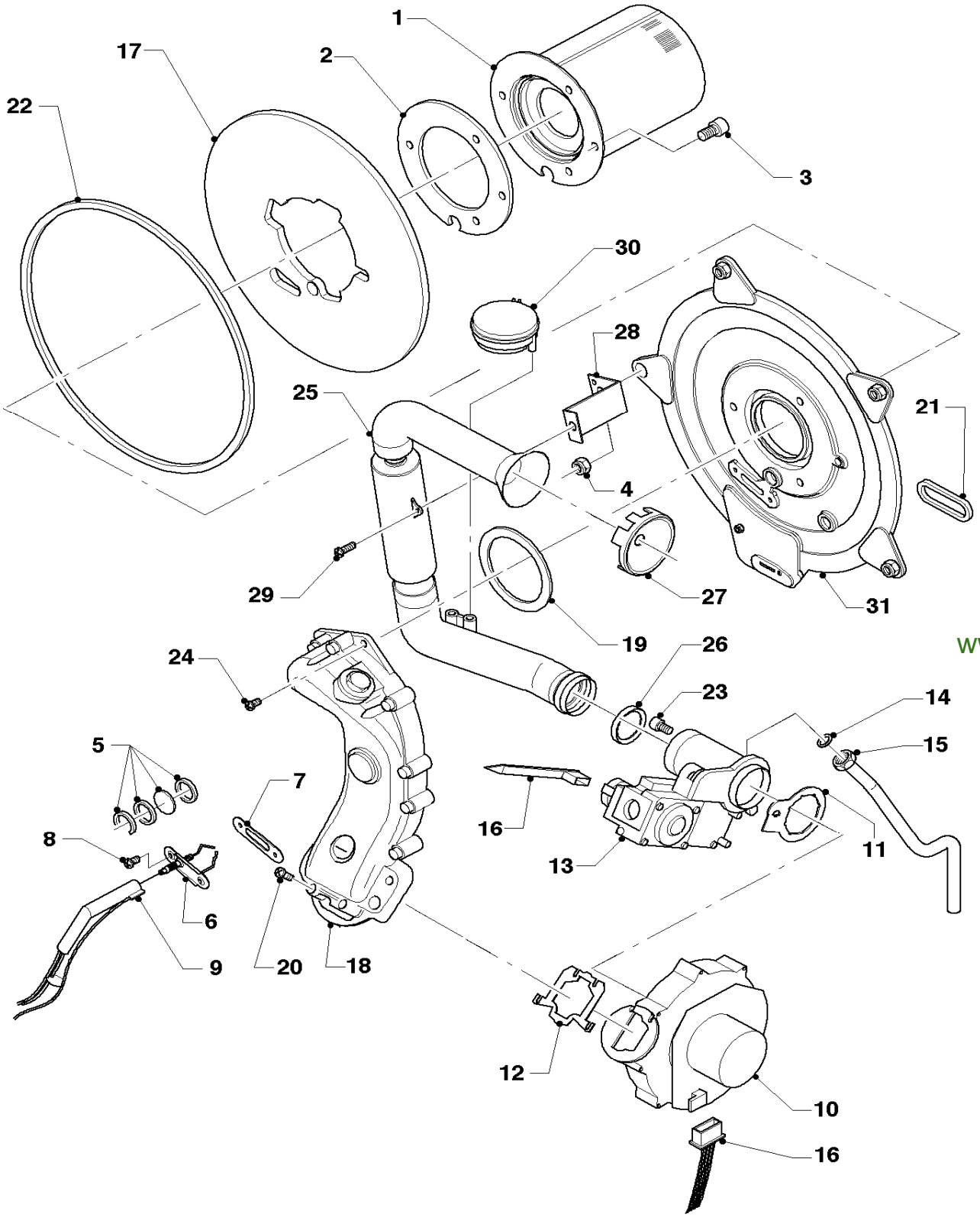
VSC INT 246-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 00 | 202011 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 202012 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 01 | 049345 | Burner | with parts 02, 03 |
| | | Brenner | mit Pos. 02, 03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with parts 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053471 | Gas section | with parts 11, 14 |
| | | Gasarmatur | mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 17 | 210734 | Insulation | with parts 02, 03 |
| | | Isolierplatte | mit Pos. 02, 03 |
| 18 | 116688 | Air gas mixing tube | with parts 12, 19 |
| | | Krümmer | mit Pos. 12, 19 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |

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# 04 Burner - Brenner

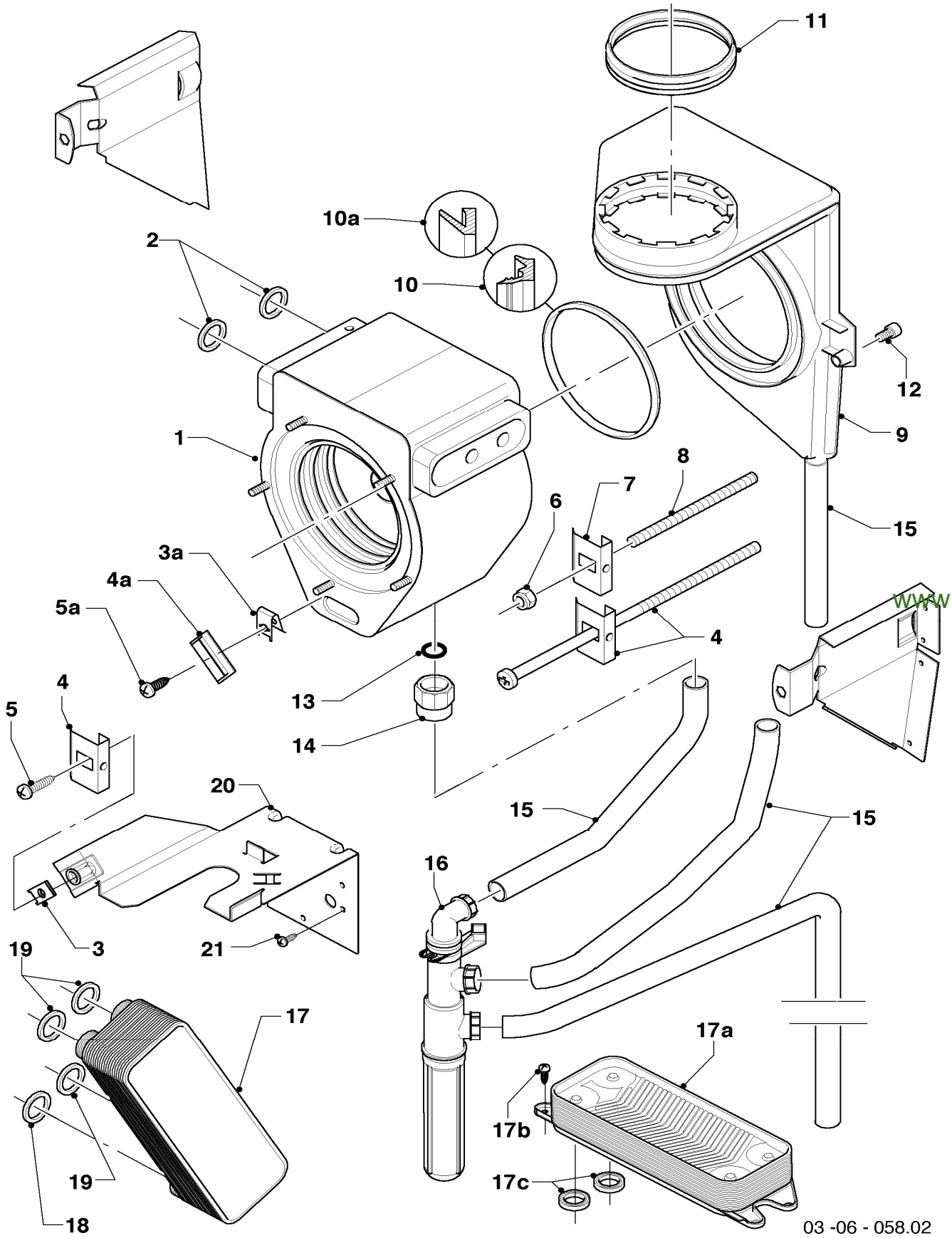
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with parts 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | - | - | not necessary / Position entfällt |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with parts02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

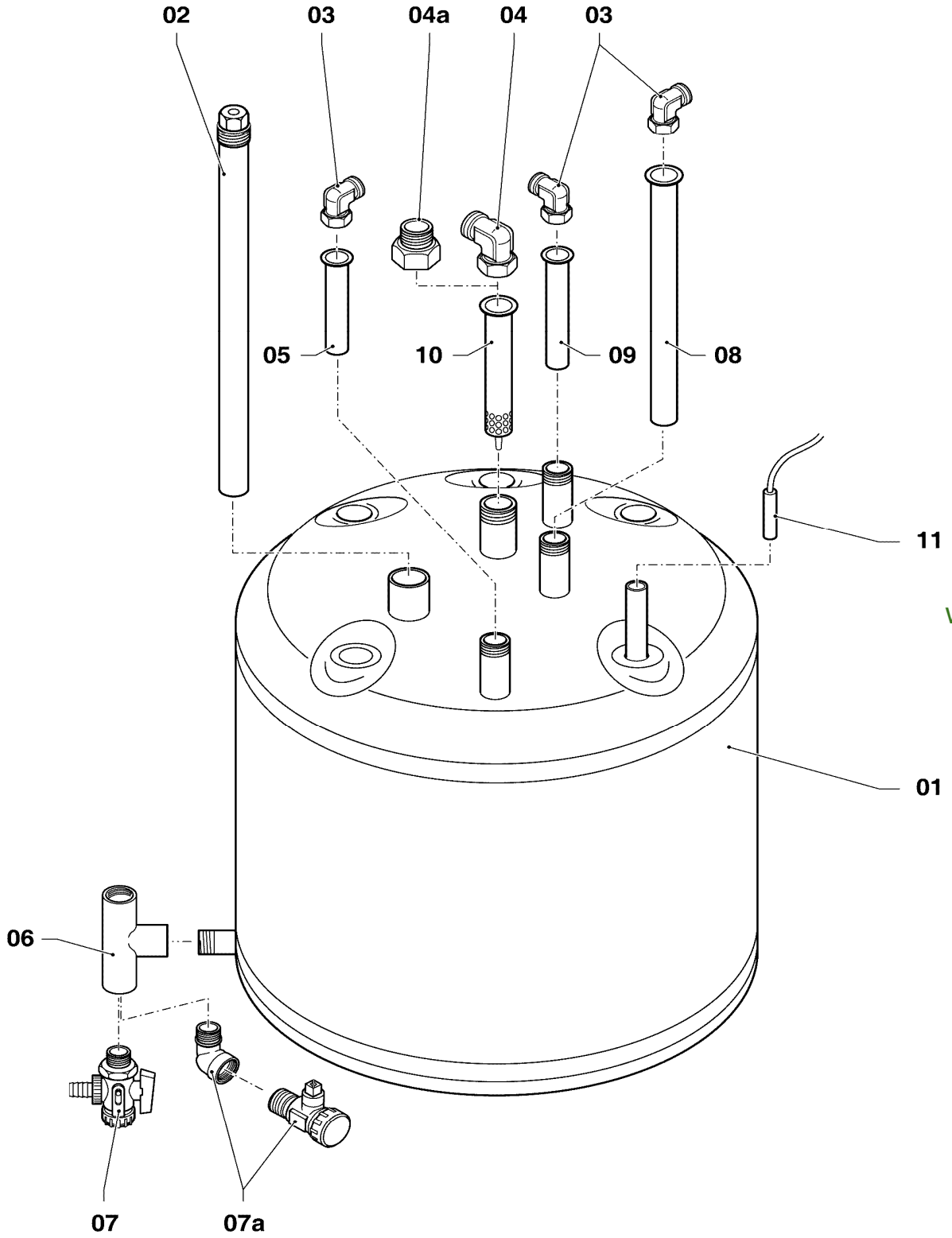
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065114 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger (not shown) |
| | | Isolierplatte 10 mm | für Wärmetauscher (nicht dargestellt) |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | - | - | not necessary / Position entfällt |
| 04 | 111992 | Support | |
| | | Halter | |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 235728 | Screw | |
| | | Blechschraube | |
| 05a | - | - | not necessary / Position entfällt |
| 06-08 | - | - | not necessary / Position entfällt |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | |
| | | Dichtung (PWT-Abgassammler) | |
| 10a | - | - | not necessary / Position entfällt |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | - | - | not necessary / Position entfällt |
| 17a | 178973 | Heat exchanger dhw (20 plates) | with parts 17b+c |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 17b+c |
| 17b | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 17c | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 18-19 | - | - | not necessary / Position entfällt |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

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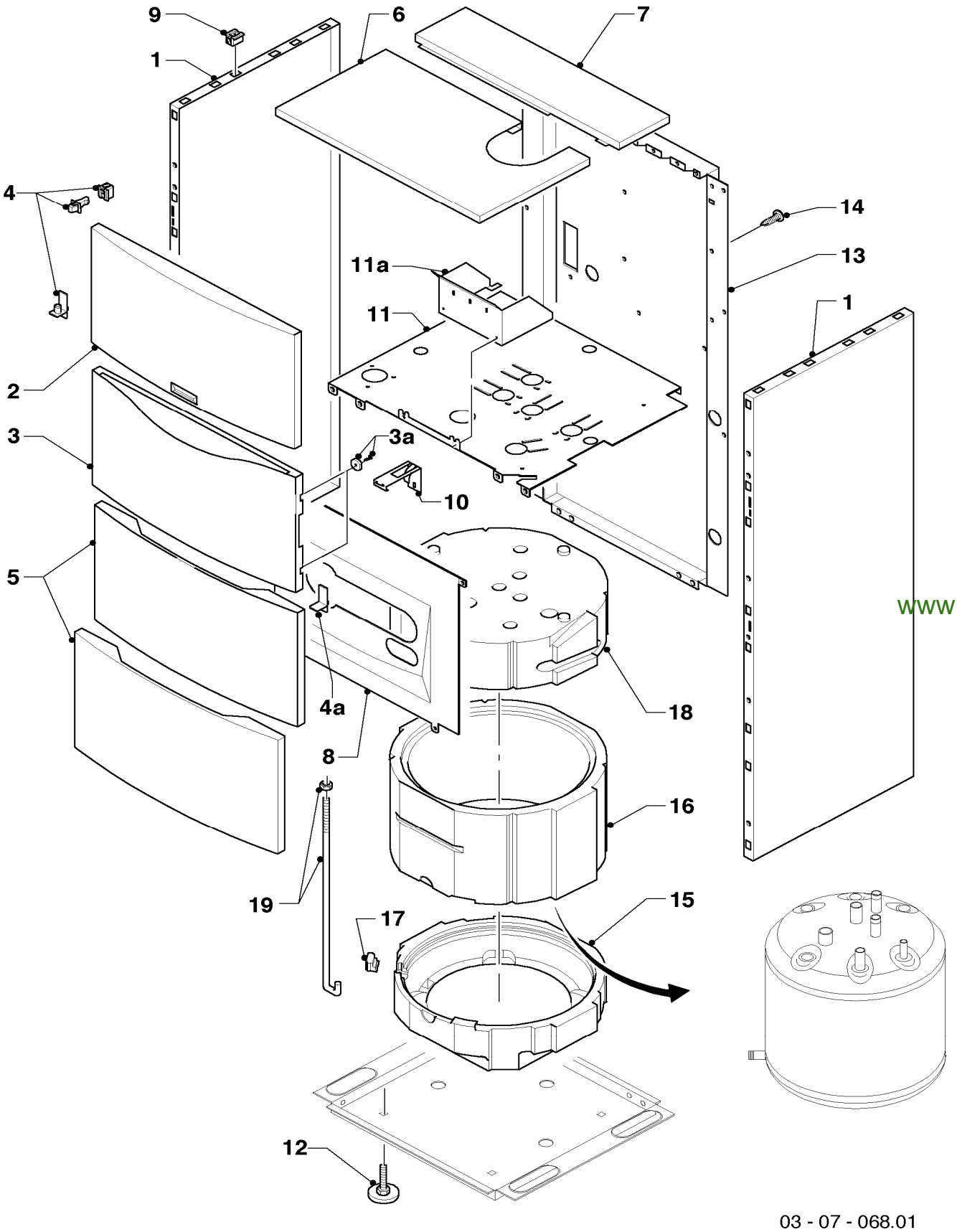
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-070 | |
| 01 | 111923 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | - | - | not necessary / Position entfällt |
| 04a | 117215 | Reducing piece | |
| | | Reduzierstück | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |

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# 07a Casing - Verkleidungsteile

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# 07a Casing - Verkleidungsteile

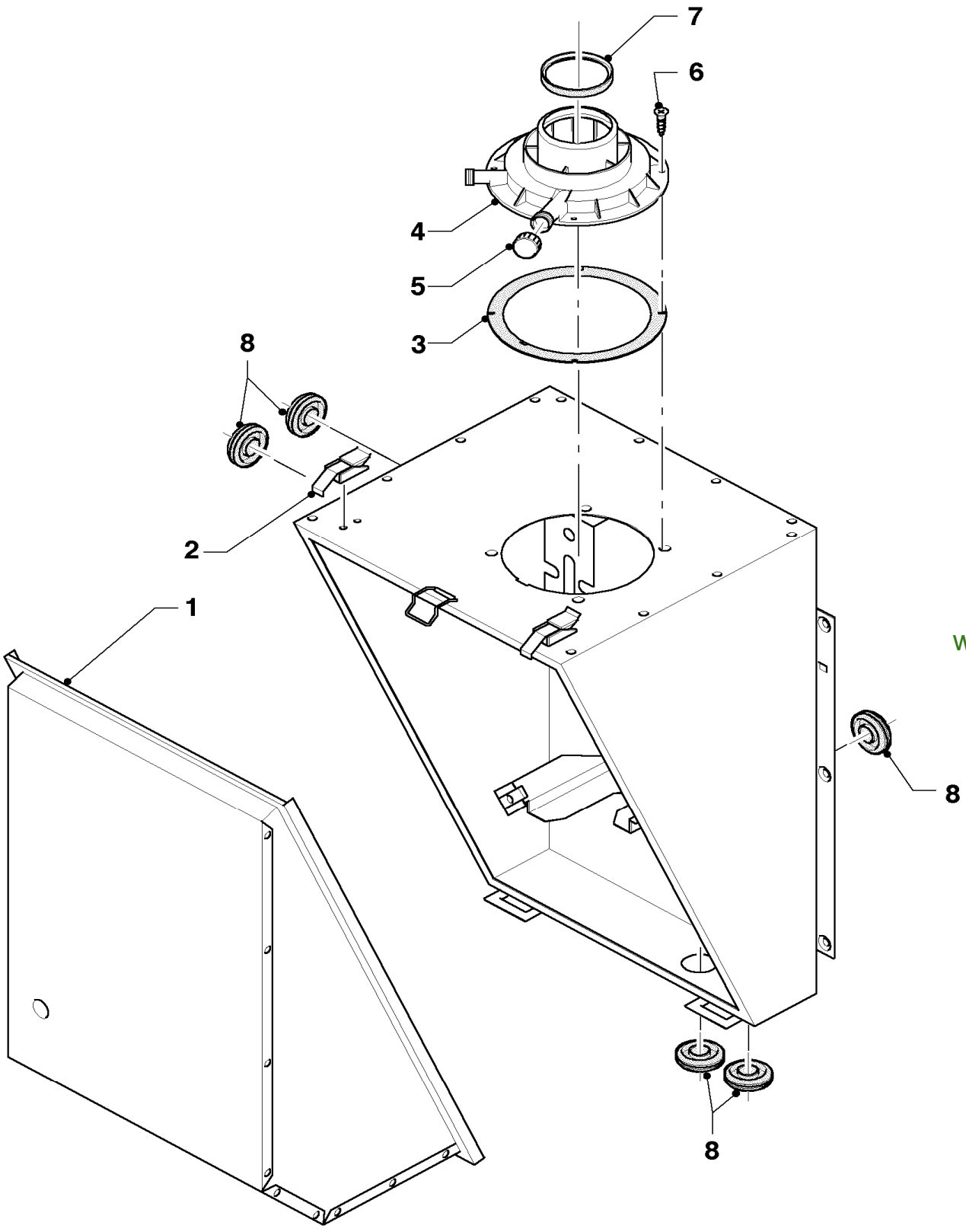
VSC INT 246-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-068 | |
| 01 | 111922 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 111911 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 111919 | Spring clamp | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 179055 | Inner plate | |
| | | Mantelblech (innen) | |
| 11a | 179056 | Support | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 134616 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 076272 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 076291 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 076273 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 179063 | Insulation, top | |
| | | Isolierung (oben) | |
| 19 | 179064 | Tie rod | |
| | | Ankerstange | |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

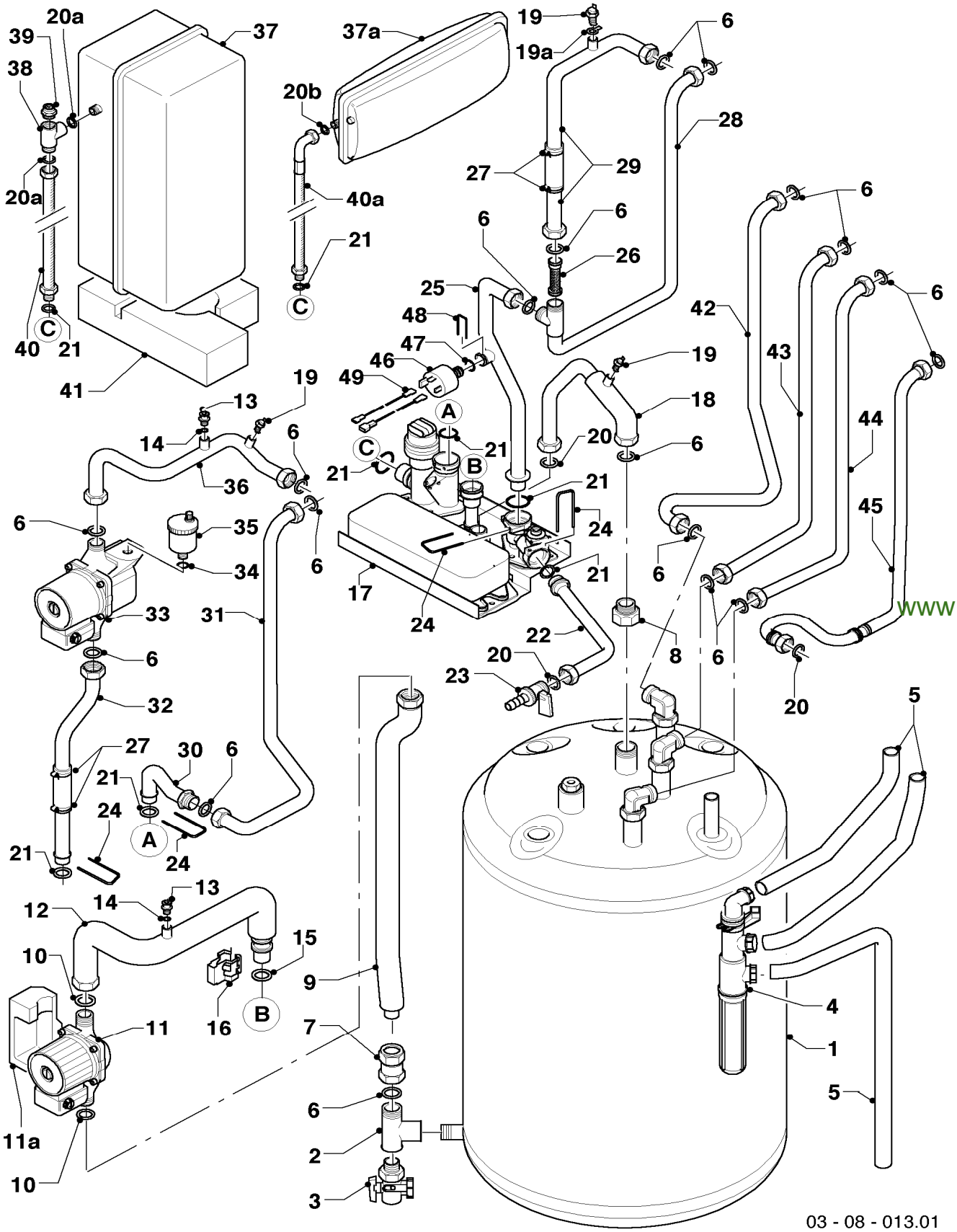
VSC INT 246-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-037 | |
| 00 | 111919 | Spring clamp | not shown |
| | | Klemmfeder (Schaltkasten) | nicht dargestellt |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | |
| | | Adapter (60/100) | |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulikteile

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# 08a Hydraulic parts - Hydraulikteile

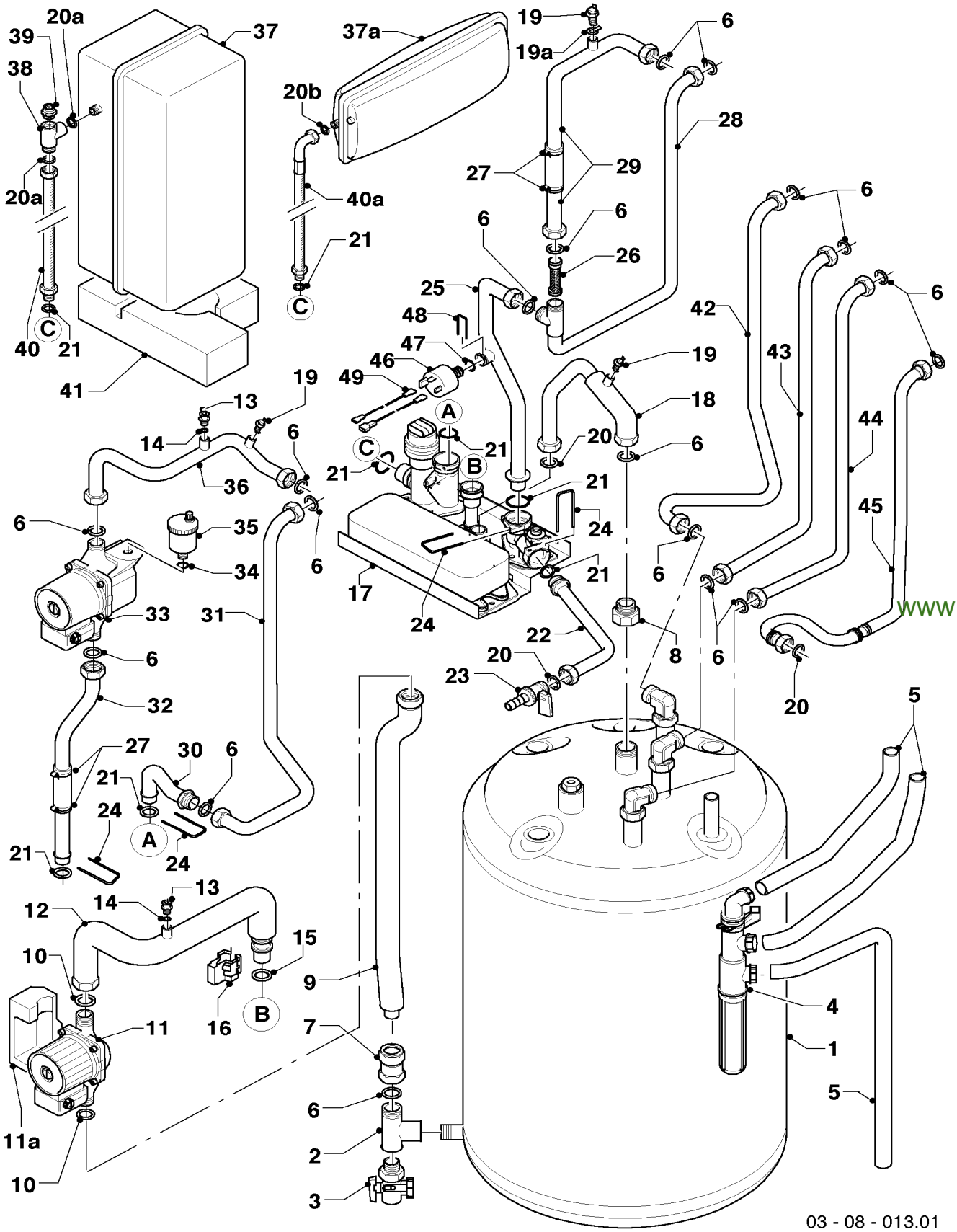
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-013 | |
| 01 | 111923 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 117215 | Reducing piece | |
| | | Reduzierstück | |
| 09 | 179089 | Tube | with part 10 |
| | | Rohr (Speicherladepumpe) | mit Pos. 10 |
| 10 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 11 | 179061 | Pump | with part 10 |
| | | Pumpe (Ladepumpe) | mit Pos. 10 |
| 11a | 179066 | Insulation (pump) | |
| | | Isolierung (Speicherladepumpe) | |
| 12 | 179091 | Tube | with parts 10, 13, 15, 16 |
| | | Rohr (mit Isolierung) | mit Pos. 10, 13, 15, 16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 179043 | Tube | with parts 06, 19, 20 and insulation |
| | | Rohr WW-Vorlauf | mit Pos. 06, 19, 20 und Isolierung |
| 19 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 19a | 733171 | Flat plug | |
| | | Flachstecker | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 20a | - | - | not necessary / Position entfällt |
| 20b | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | 193501 | Tube | with parts 20, 21, 24 |
| | | Rohr (Entleerung) | mit Pos. 20, 21, 24 |

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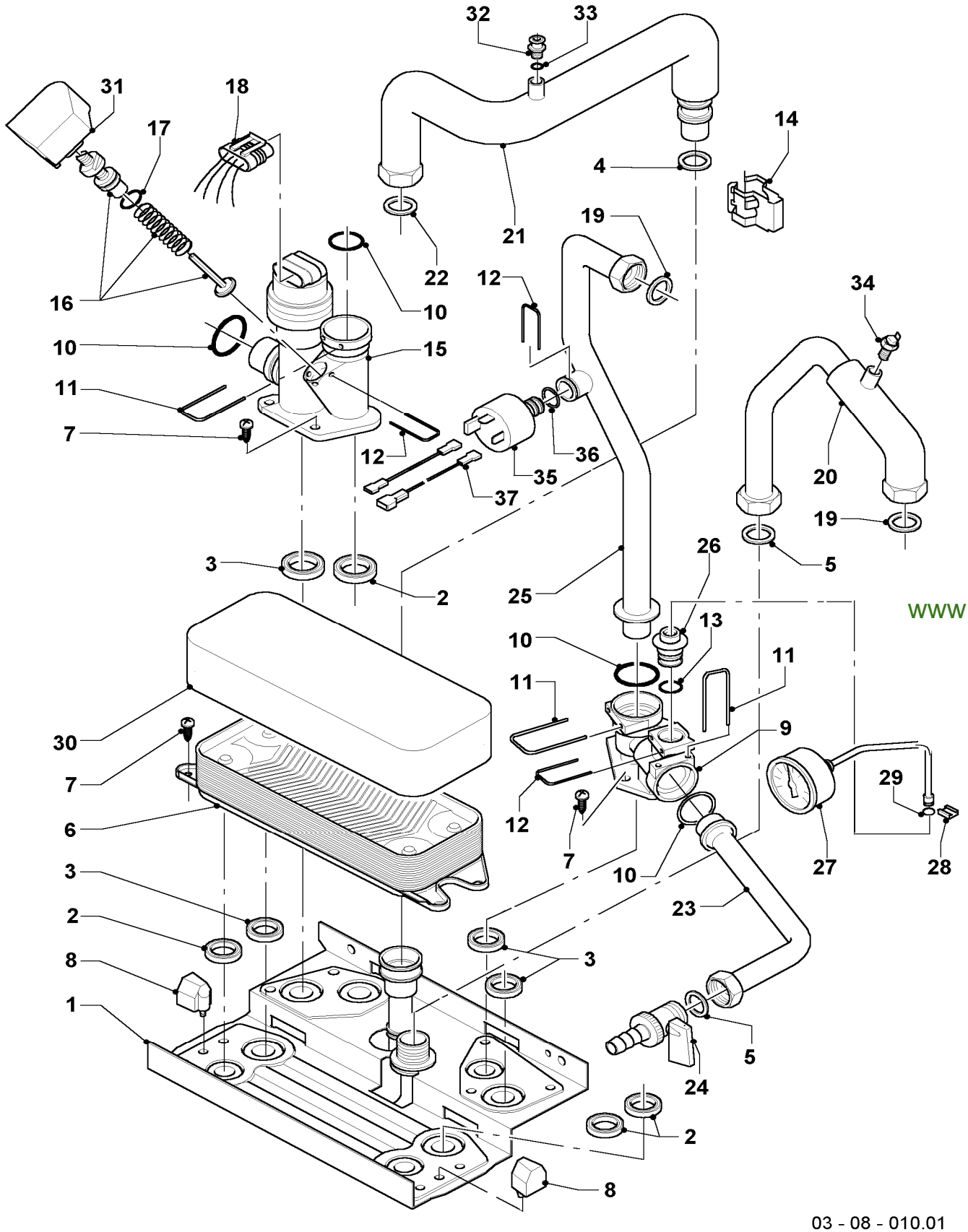
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-013 | |
| 23 | 179072 | Drain cock | with part 20 |
| | | Entleerungsventil | mit Pos. 20 |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 193500 | Tube | with parts 06, 21, 24 |
| | | Rohr (SWT-Vorlauf) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 179088 | Tube | with parts 06, 21, 24 |
| | | Rohr (Heizungsvorlauf) | mit Pos. 06, 21, 24 |
| 29 | 179086 | Tube | with parts 06, 19, 19a, 21, 24, 27 |
| | | Rohr (PWT-Vorlauf) | mit Pos. 06, 19, 19a, 21, 24, 27 |
| 30 | 179090 | Tube | with parts 06, 21, 24 |
| | | Rohr (Heizungsrückl., Krümmer) | mit Pos. 06, 21, 24 |
| 31 | 179087 | Tube | with parts 06, 21, 24 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24 |
| 32 | 0020017104 | Connection tube | with parts 06, 21, 24, 27 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 06, 21, 24, 27 |
| 33 | 179054 | Pump (heating) | with parts 06, 34 |
| | | Pumpe (Heizung) | mit Pos. 06, 34 |
| 34 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 35 | 061707 | Automatic de-aerator | with part 34 |
| | | Schnellentlüfter | mit Pos. 34 |
| 36 | 0020017105 | Connection tube | with parts 06, 13, 18, 21, 24 |
| | | Rohr (PWT Rücklauf) | mit Pos. 06, 13, 18, 21, 24 |
| 37 | - | - | not necessary / Position entfällt |
| 37a | 114411 | Expansion vessel 10 ltr. | with part 20 |
| | | Ausdehnungsgefäß 10 ltr. | mit Pos. 20 |
| 38-40 | - | - | not necessary / Position entfällt |
| 40a | 179084 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 41 | - | - | not necessary / Position entfällt |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 45 | 123481 | Gas connection tube | with parts 06, 20 |
| | | Gasrohr | mit Pos. 06, 20 |
| 46 | 712087 | Pressure sensor | with part 47 |
| | | Sensor (Drucksensor) | mit Pos. 47 |
| 47 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 48 | 154150 | Clip | |
| | | Bügel | |
| 49 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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# 08b Hydraulic parts - Hydraulik

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# 08b Hydraulic parts - Hydraulik

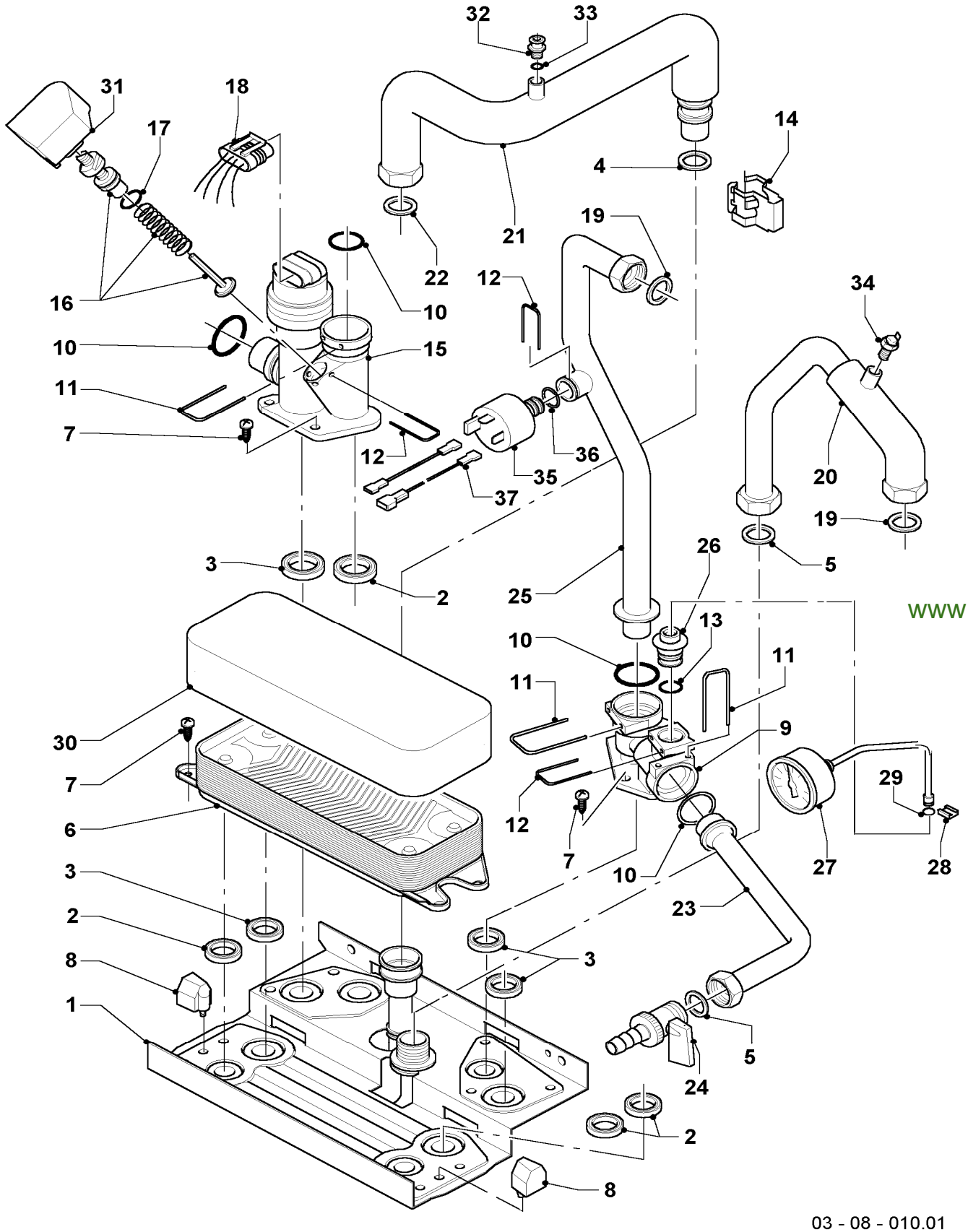
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-010 | |
| 01 | 178965 | Support | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 178973 | Heat exchanger dhw (20 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 179043 | Tube | with parts 05, 19, 34 |
| | | Rohr WW-Vorlauf | mit Pos. 05, 19, 34 |
| 21 | 179091 | Tube | with parts 04, 14, 22, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 22, 32 |
| 22 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 23 | 193501 | Tube | with parts 05, 10, 11 |
| | | Rohr (Entleerung) | mit Pos. 05, 10, 11 |
| 24 | 179072 | Drain cock | with part 05 |
| | | Entleerungsventil | mit Pos. 05 |
| 25 | 193500 | Tube | with parts 10, 11, 19 |
| | | Rohr (SWT-Vorlauf) | mit Pos. 10, 11, 19 |

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# 08b Hydraulic parts - Hydraulik

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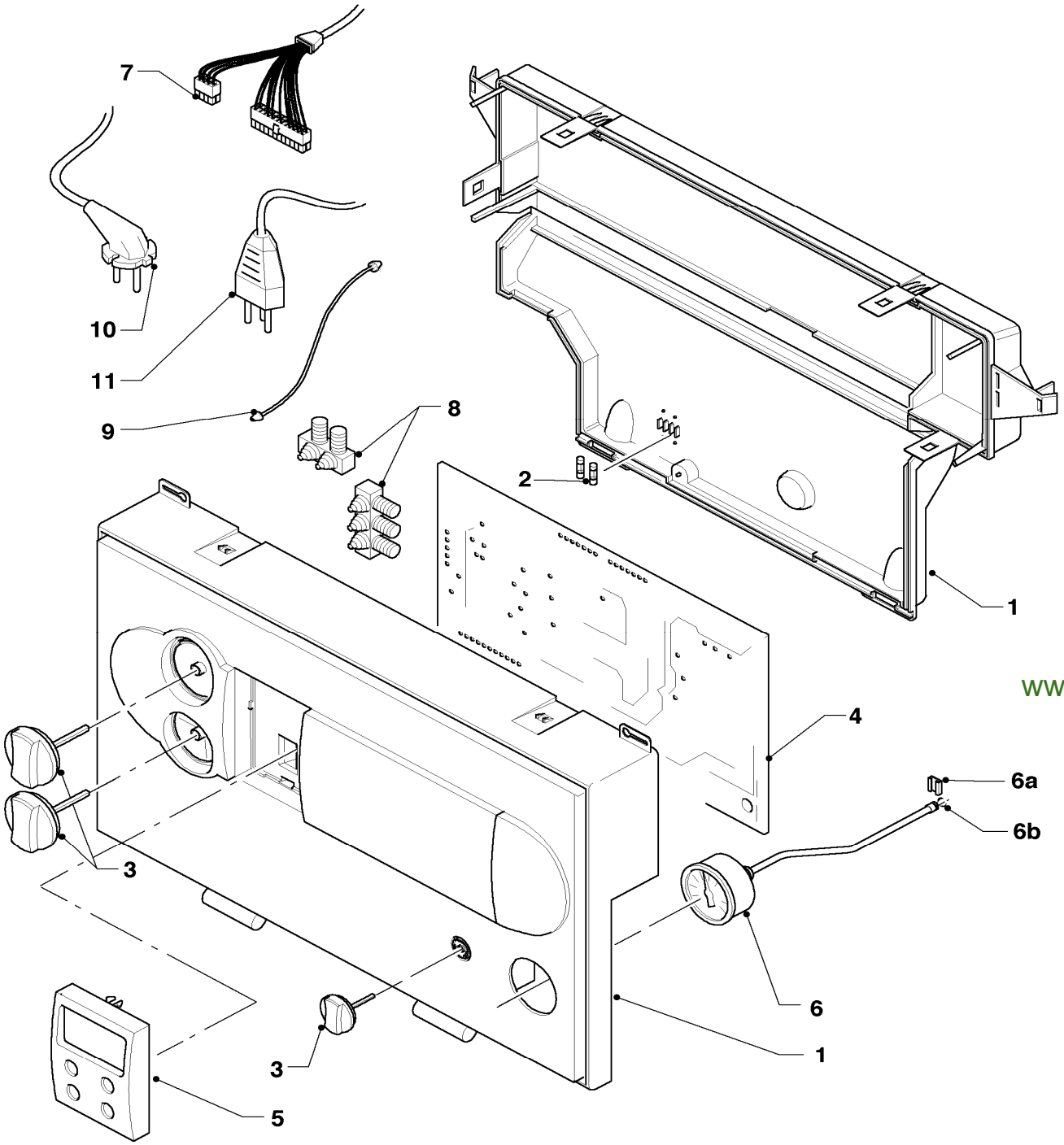
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-010 | |
| 26 | 179059 | Connection piece | with parts 12, 13 |
| | | Verbindungsstück | mit Pos. 12, 13 |
| 27 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 179052 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 35 | 712087 | Pressure sensor | with part 36 |
| | | Sensor (Drucksensor) | mit Pos. 36 |
| 36 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 37 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 12 Control box - Schaltkasten

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# 12 Control box - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-12-038 | |
| 00 | 253552 | Temperature sensitive element | drawing see main component 06b Storage water heater |
| | | Fühler (Temperaturfühler) | Darstellung siehe Baugruppe 06b Warmwasserspeicher |
| 00 | 253815 | Cable connector (set) | 3-pins white, violet, turquoise and 2-pins blue (not shown) |
| | | Steckverbinder-Set (System ProE) | Set besteht aus weiß (3-polig), violett (3-polig), türkis (3-polig) und blau (2-polig), nicht dargestellt |
| 00 | 733734 | cable connector (Rast 5, 3-pole) | 3-pins, grey (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grau (nicht dargestellt) |
| 00 | 733737 | Cable connector | 3-pins, green (not shown) |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grün (nicht dargestellt) |
| 00 | 252629 | Plug | 6-pins, transparent (not shown) |
| | | Steckverbinder (Rast 5, 6-polig) | 6-polig natur (nicht dargestellt) |
| 01 | 295248 | Casing | with parts 02, 03 |
| | | Gehäuse | mit Pos. 02, 03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 193502 | Printed circuit (24/28 kW) | with part 02 |
| | | Leiterplatte (24/28 kW) | mit Pos. 02 |
| 05 | 130847 | Printed circuit (display) | |
| | | Display beleuchtet | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078536 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10-11 | - | - | not necessary / Position entfällt |

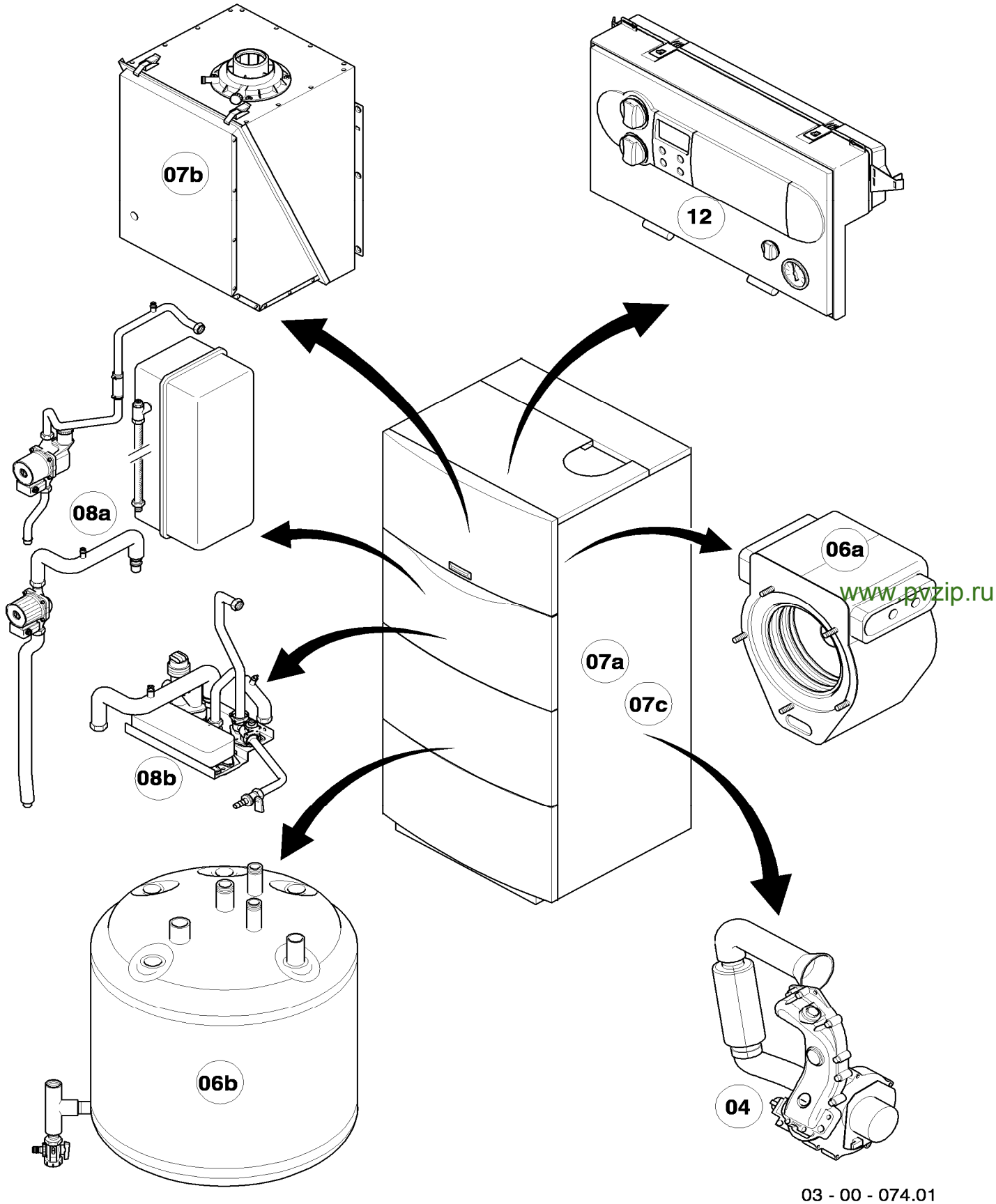
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# General view of sheet - Baugruppenübersicht

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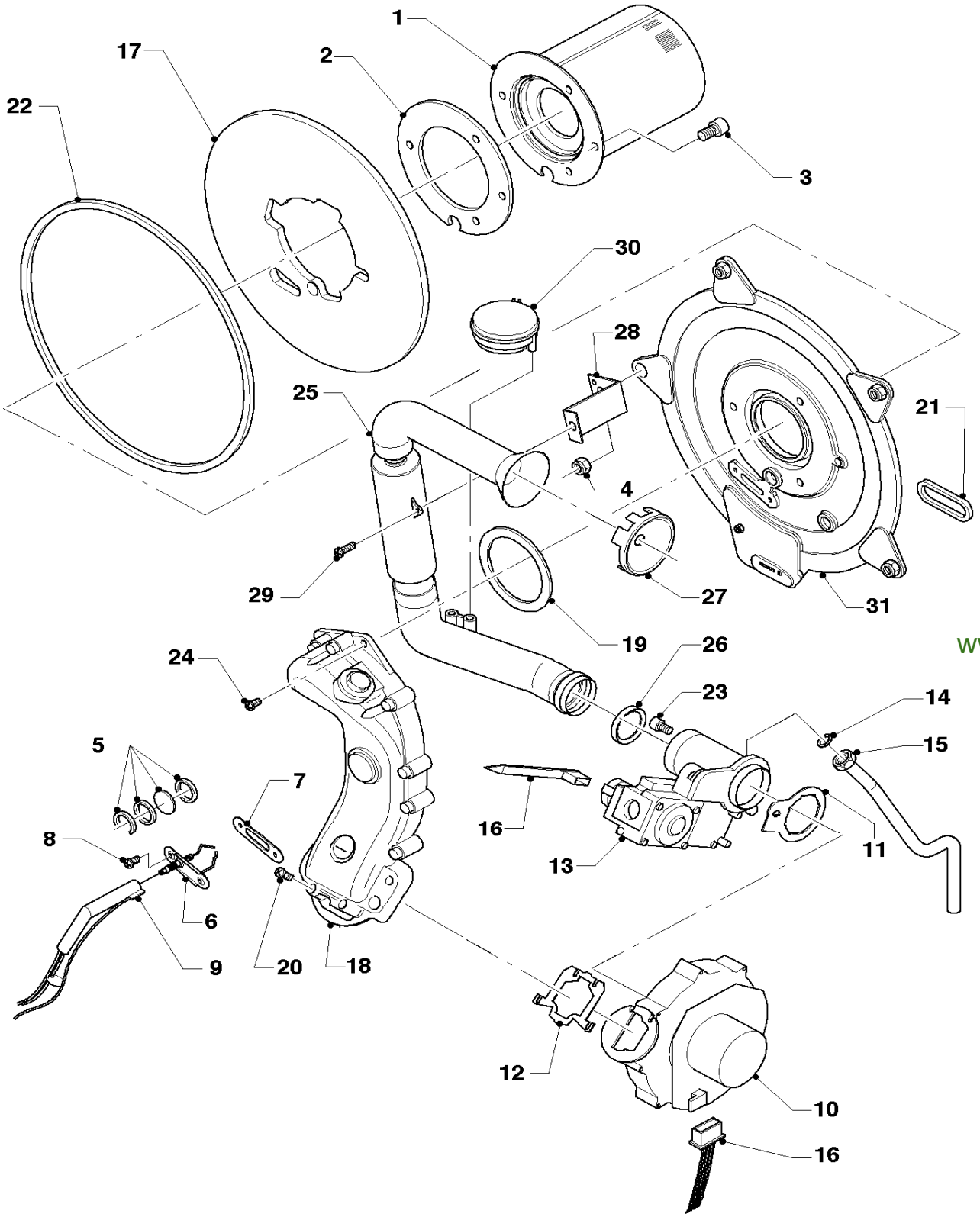



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# 04 Burner - Brenner

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# 04 Burner - Brenner

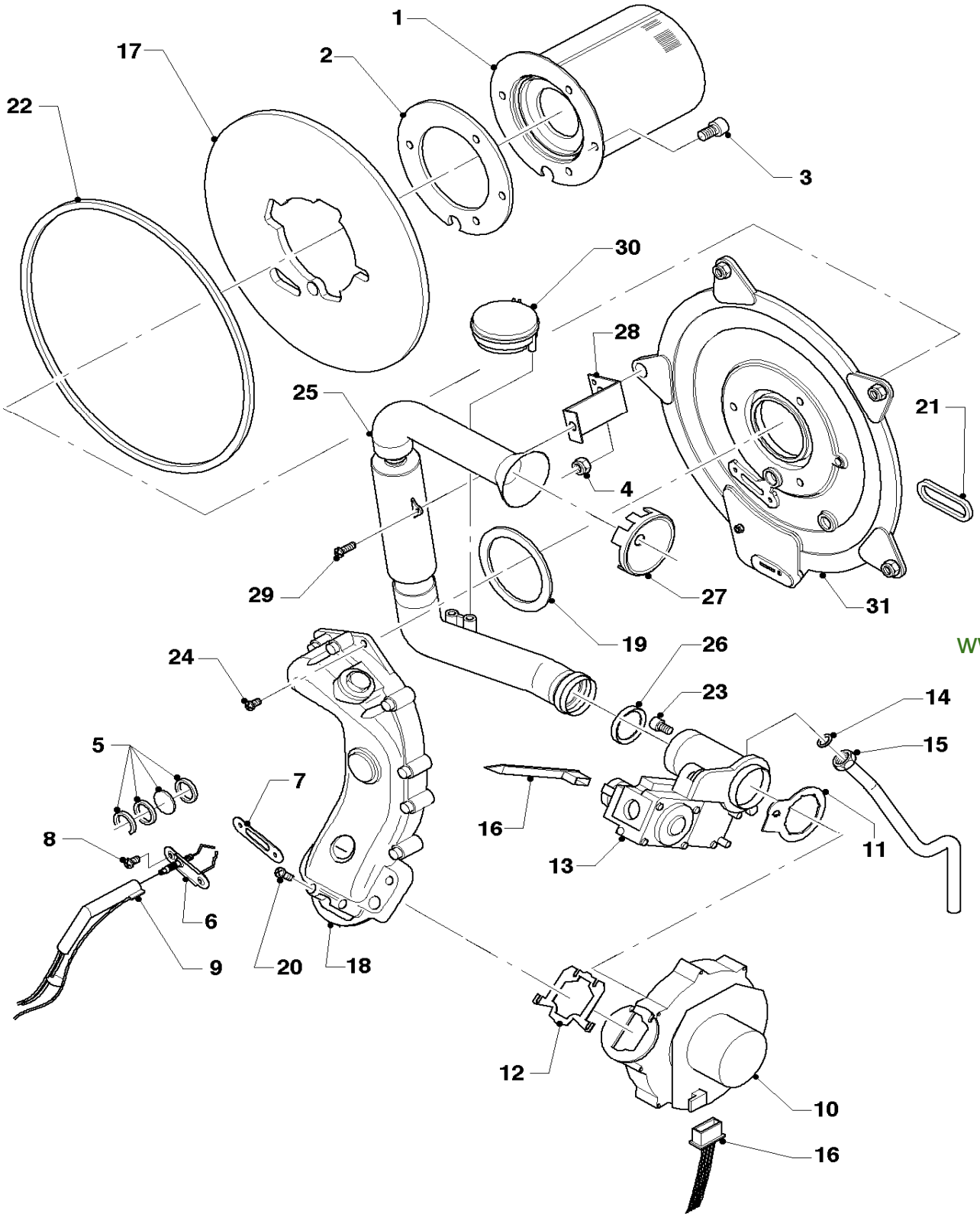
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 00 | 202011 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 202012 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 01 | 049345 | Burner | with pos. 02,03 |
| | | Brenner | mit Pos. 02, 03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with pos. 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053471 | Gas section | with pos. 11, 14 |
| | | Gasarmatur | mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 17 | 210734 | Insulation | with pos. 02,03 |
| | | Isolierplatte | mit Pos. 02, 03 |
| 18 | 116688 | Air gas mixing tube | with pos. 12,19 |
| | | Krümmer | mit Pos. 12,19 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |

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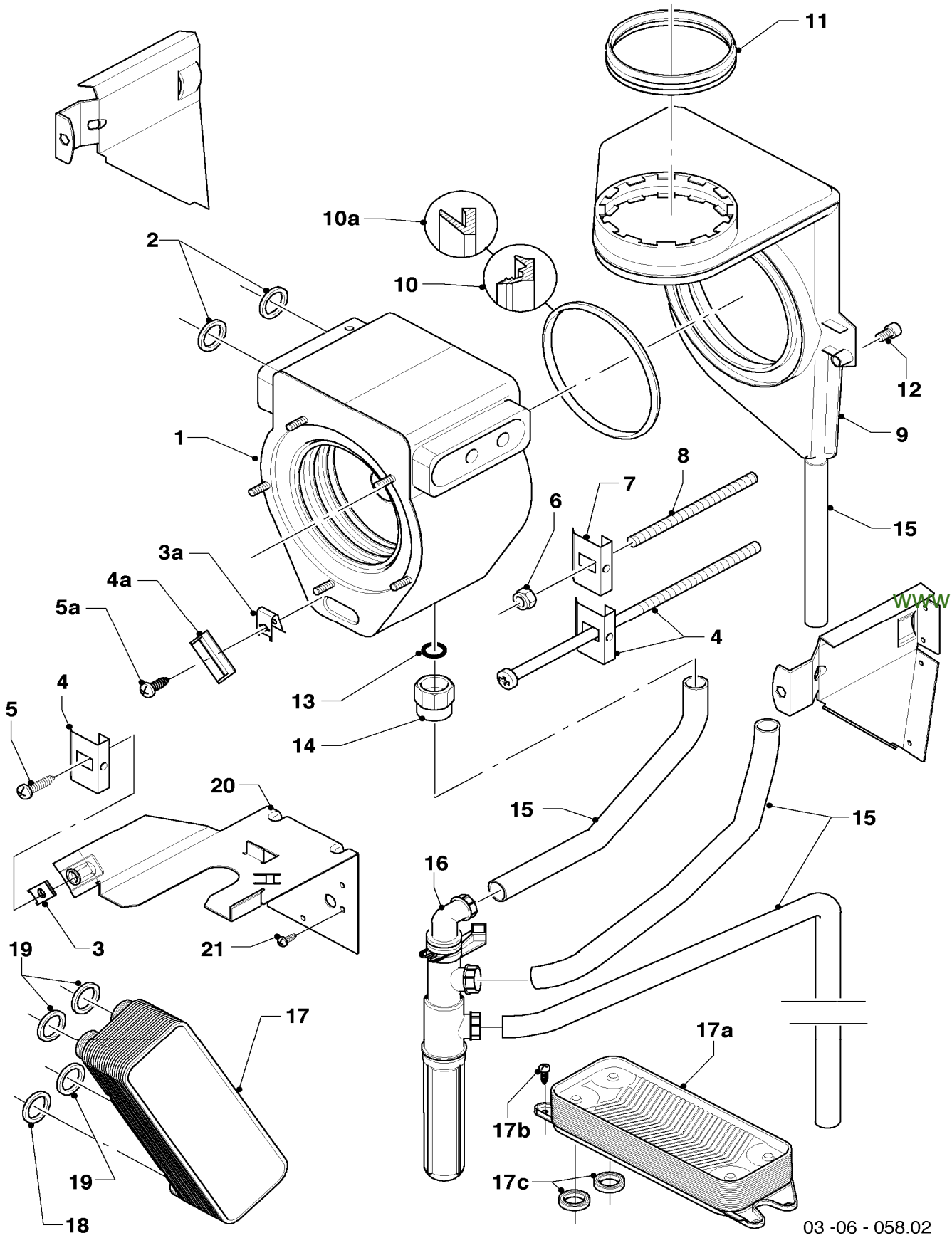
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with pos. 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | - | - | not necessary / Position entfällt |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with pos. 02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

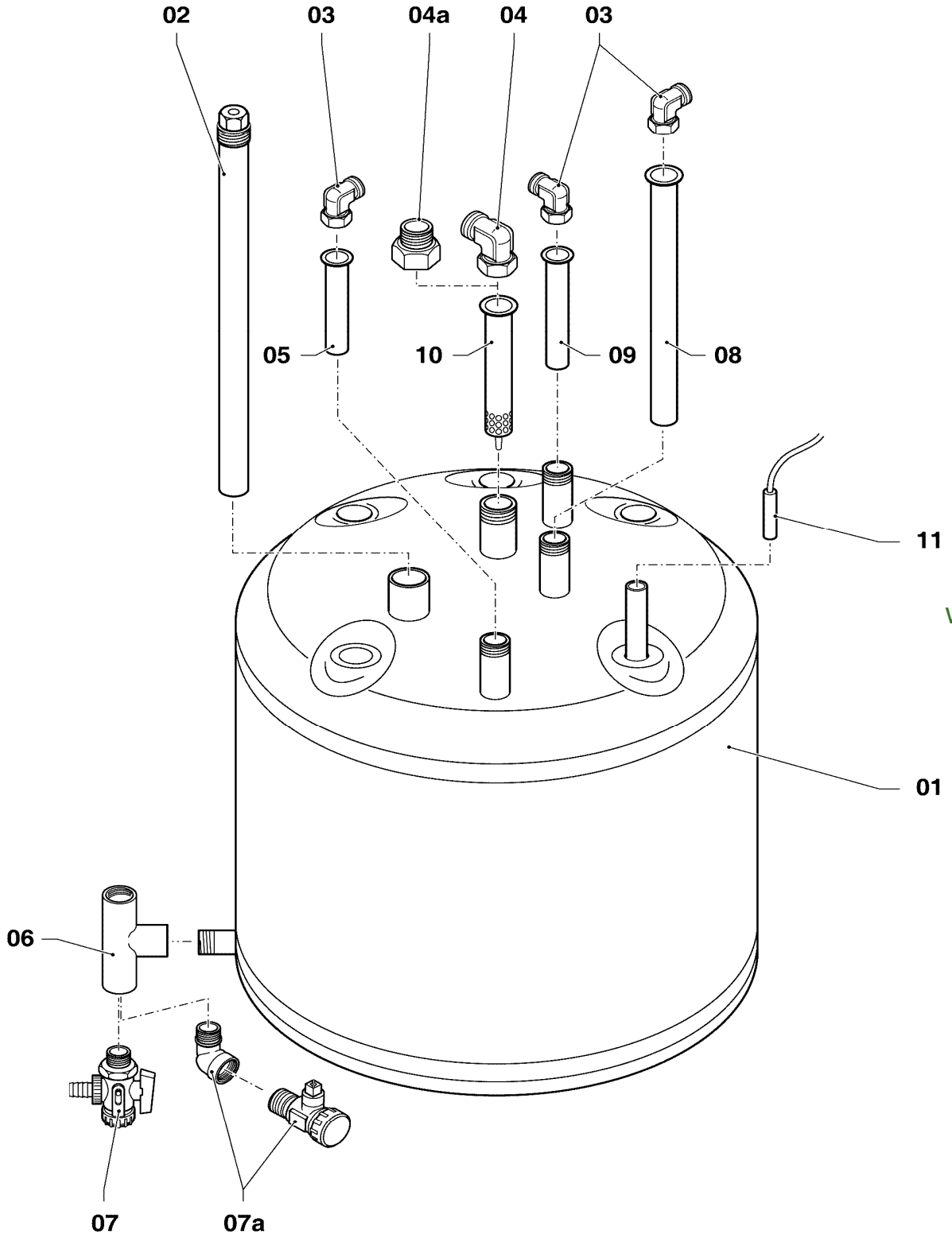
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065114 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger (not shown) |
| | | Isolierplatte 10 mm | für Wärmetauscher (nicht dargestellt) |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | - | - | not necessary / Position entfällt |
| 04 | 111992 | Support | with parts 03, 05 |
| | | Halter | mit Pos. 03, 05 |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 235738 | Screw | |
| | | Blechschraube | |
| 05a | - | - | not necessary / Position entfällt |
| 06-08 | - | - | not necessary / Position entfällt |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | |
| | | Dichtung (PWT-Abgassammler) | |
| 10a | - | - | not necessary / Position entfällt |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | - | - | not necessary / Position entfällt |
| 17a | 178973 | Heat exchanger dhw (20 plates) | with parts 17b+c |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 17b+c |
| 17b | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 17c | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 18-19 | - | - | not necessary / Position entfällt |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

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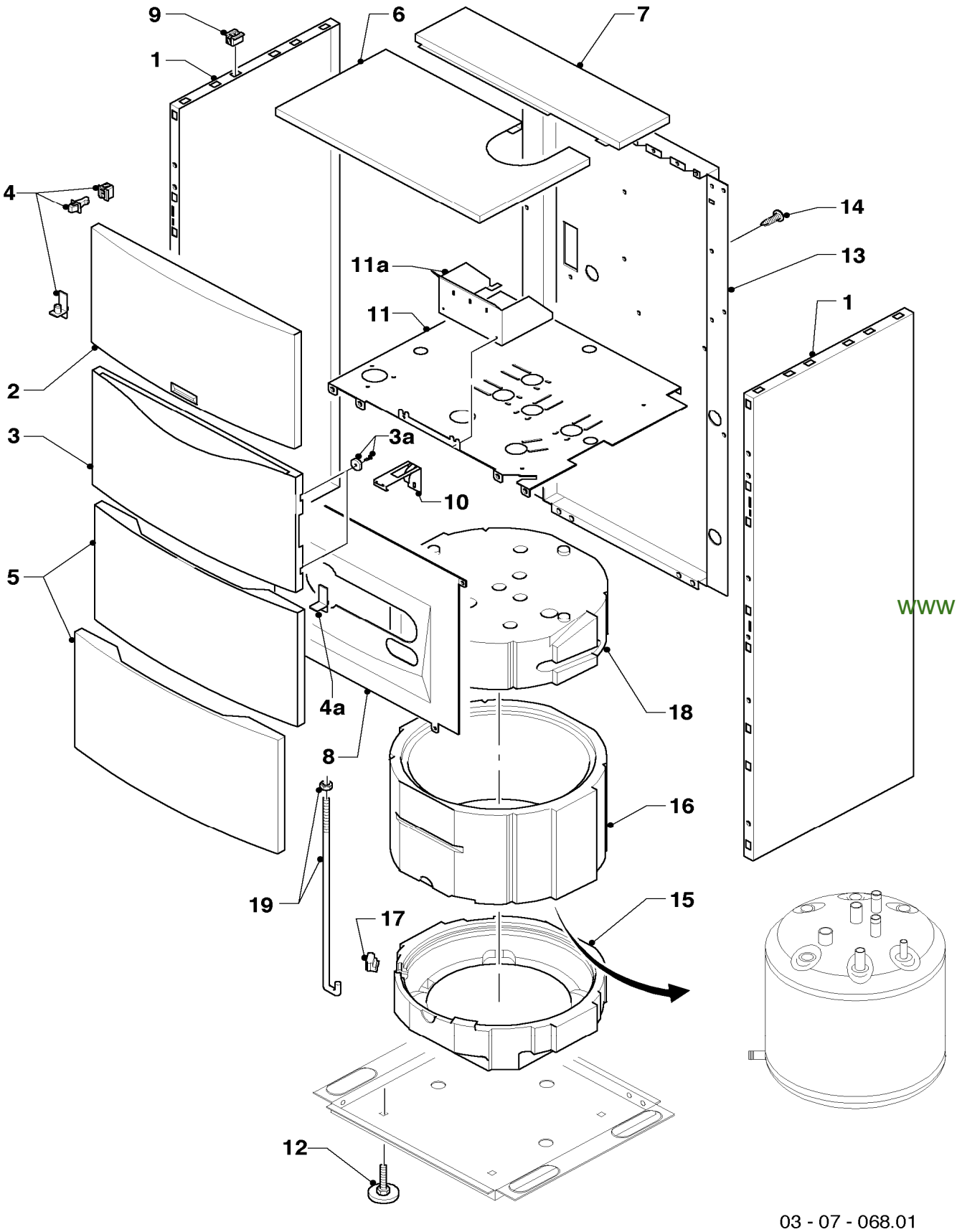
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-070 | |
| 01 | 111923 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | - | - | not necessary / Position entfällt |
| 04a | 117215 | Reducing piece | |
| | | Reduzierstück | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |

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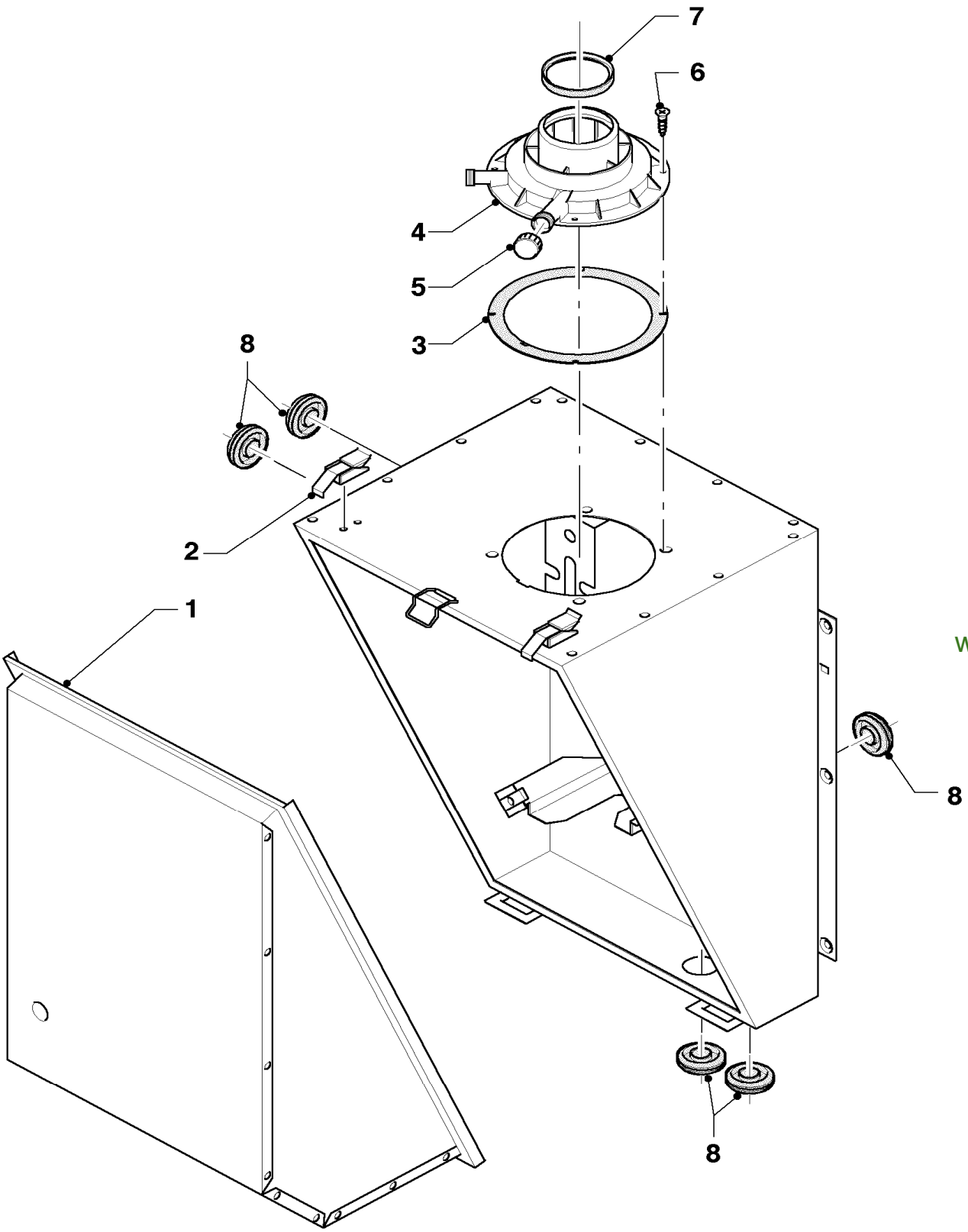
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-068 | |
| 01 | 111922 | Side panel | |
| | | Seitenwand (lks. = re.) | |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | |
| | | Deckel (Steuerung) | |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | |
| | | Befestigungssatz | |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 111911 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 111919 | Spring clamp | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 179055 | Inner plate | |
| | | Mantelblech (innen) | |
| 11a | 179056 | Support | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 134616 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 076272 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 076291 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 076273 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 179063 | Insulation, top | |
| | | Isolierung (oben) | |
| 19 | 179064 | Tie rod | |
| | | Ankerstange | |

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## 07b Air/Flue duct assembly - Unterdruckkammer

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# 07b Air/Flue duct assembly - Unterdruckkammer

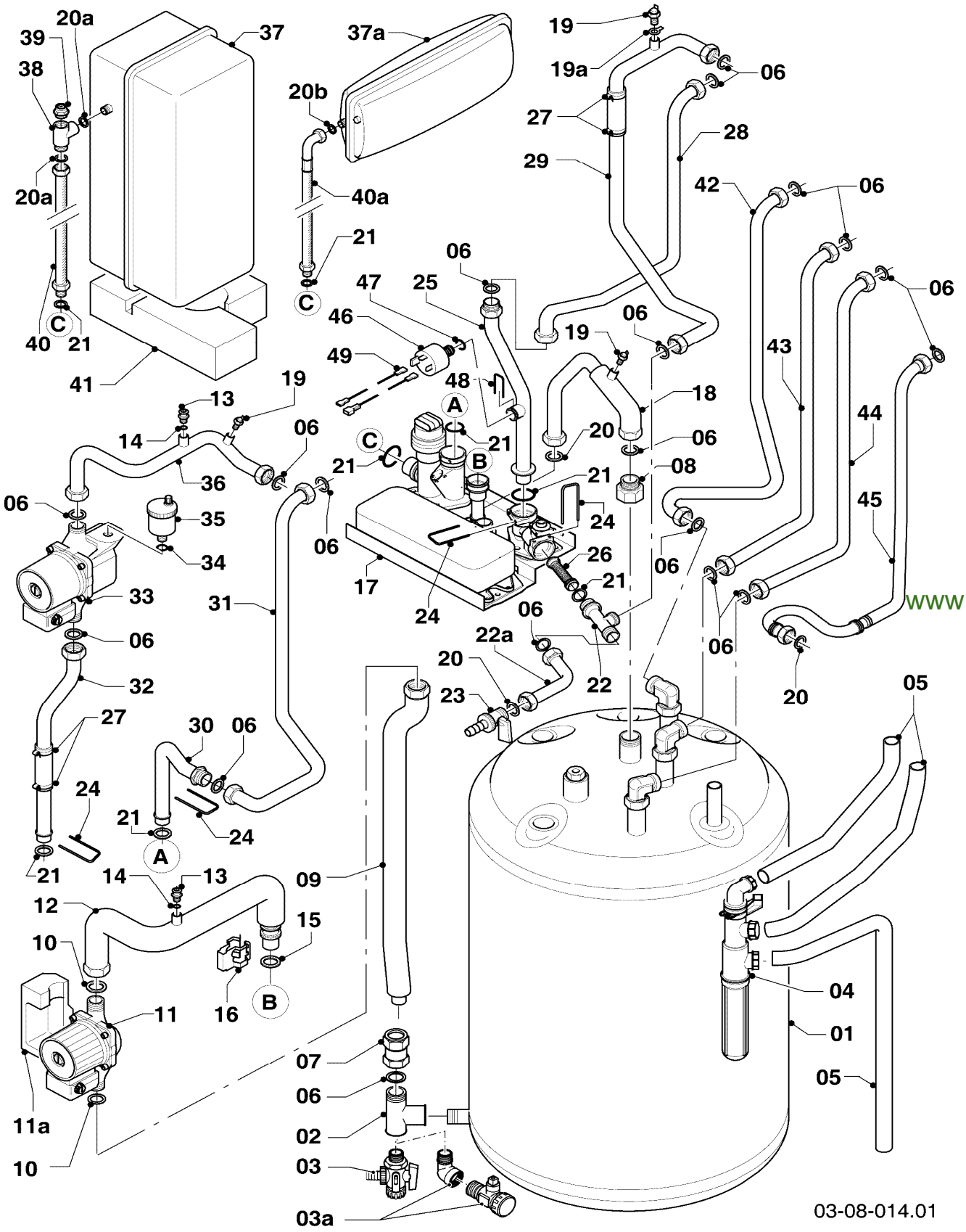
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-037 | |
| 00 | 111919 | Spring clamp | not shown |
| | | Klemmfeder (Schaltkasten) | nicht dargestellt |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | |
| | | Adapter (60/100) | |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulikteile

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# 08a Hydraulic parts - Hydraulikteile

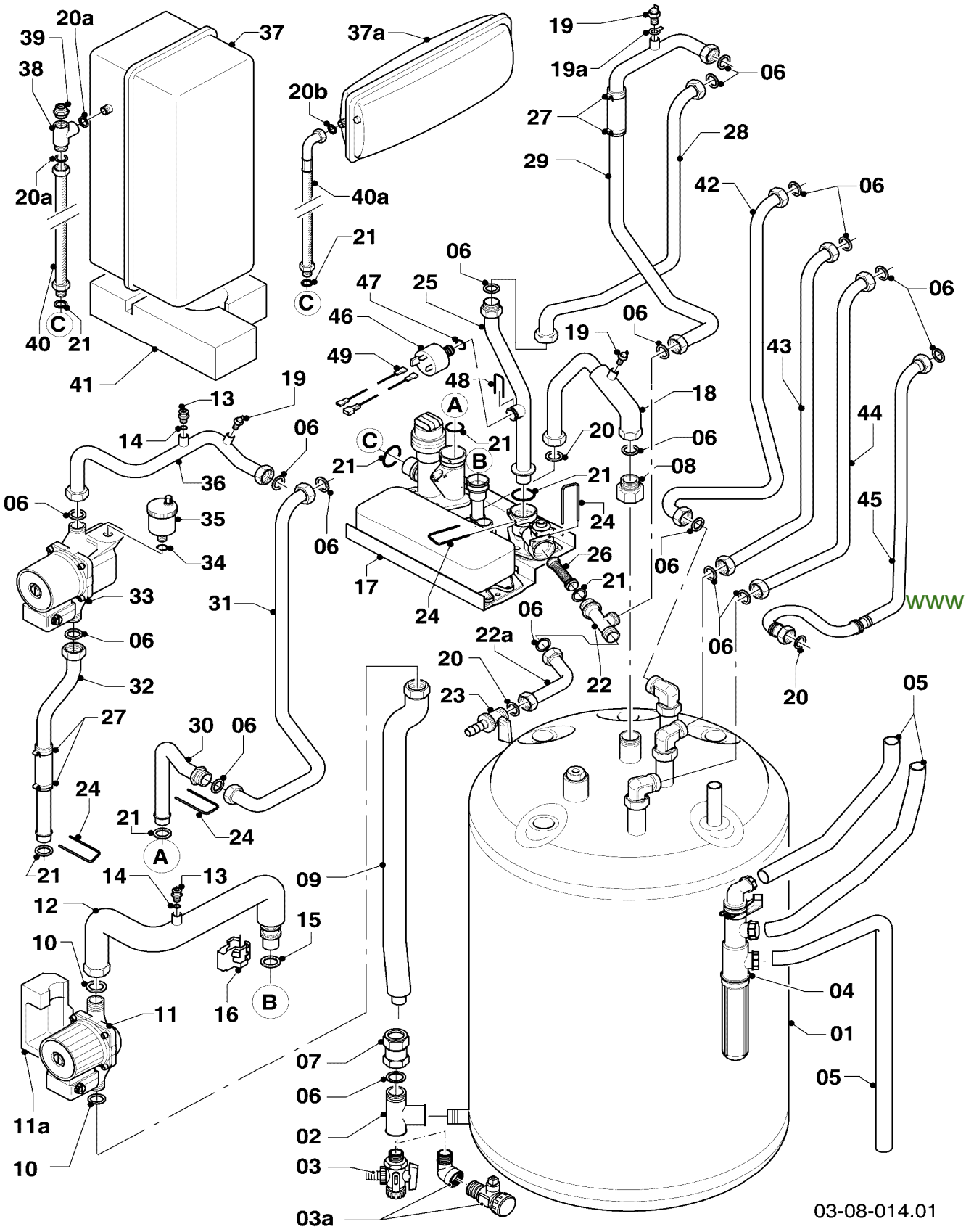
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-014 | |
| 01 | 111923 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 117215 | Reducing piece | |
| | | Reduzierstück | |
| 09 | 179093 | Tube | |
| | | Rohr (Speicherladepumpe) | |
| 10 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 11 | 179061 | Pump | with part 10 |
| | | Pumpe (Ladepumpe) | mit Pos. 10 |
| 11a | 179066 | Insulation (pump) | |
| | | Isolierung (Speicherladepumpe) | |
| 12 | 179091 | Tube | with parts 10, 13, 15, 16 |
| | | Rohr (mit Isolierung) | mit Pos. 10, 13, 15, 16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 179043 | Tube | with parts 06, 19, 20 and insulation |
| | | Rohr WW-Vorlauf | mit Pos. 06, 19, 20 und Isolierung |
| 19 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 19a | 733171 | Flat plug | |
| | | Flachstecker | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 20a | - | - | not necessary / Position entfällt |
| 20b | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |

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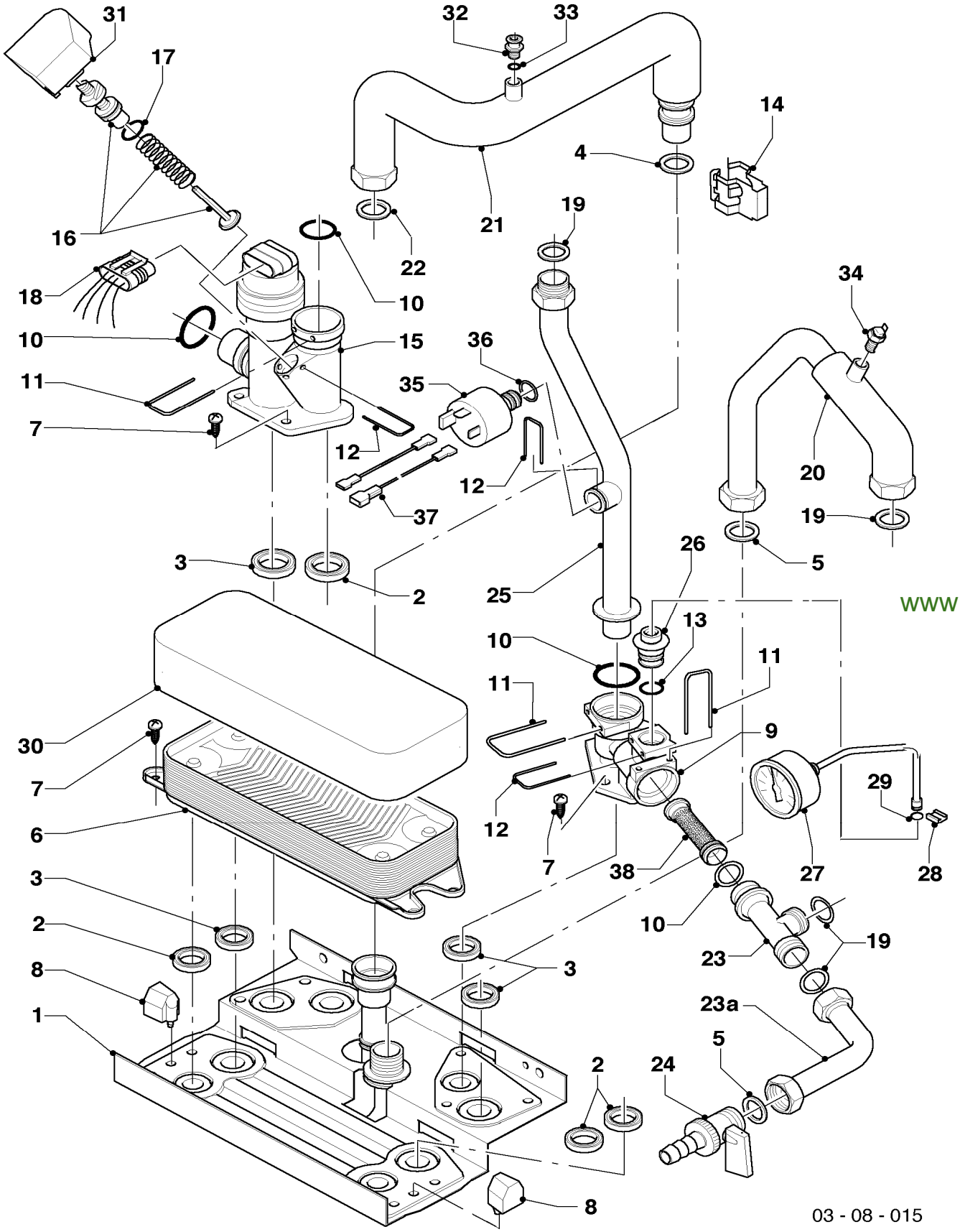
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-014 | |
| 22 | 0020060809 | Tube, kit with T-piece | with parts 06, 20, 21, 22a, 24 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 06, 20, 21, 22a, 24 |
| 22a | 0020060809 | Tube, kit with T-piece | with parts 06, 20, 21, 22, 24 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 06, 20, 21, 22, 24 |
| 23 | 179072 | Drain cock | with part 20 |
| | | Entleerungsventil | mit Pos. 20 |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020029696 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | 0020029697 | Tube | with parts 06, 19, 19a |
| | | Rohr (PWT-Vorlauf) | mit Pos. 06, 19, 19a |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020017104 | Connection tube | with parts 06, 21, 24, 27 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 06, 21, 24, 27 |
| 33 | 179054 | Pump (heating) | with parts 06, 34 |
| | | Pumpe (Heizung) | mit Pos. 06, 34 |
| 34 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 35 | 061707 | Automatic de-aerator | with part 34 |
| | | Schnellentlüfter | mit Pos. 34 |
| 36 | 0020017105 | Connection tube | with parts 06, 13, 18, 21, 24 |
| | | Rohr (PWT Rücklauf) | mit Pos. 06, 13, 18, 21, 24 |
| 37 | - | - | not necessary / Position entfällt |
| 37a | 114411 | Expansion vessel 10 ltr. | with part 21a |
| | | Ausdehnungsgefäß 10 ltr. | mit Pos. 21a |
| 38-40 | - | - | not necessary / Position entfällt |
| 40a | 179084 | Flexible hose (expansion vessel) | with part 21a |
| | | Schlauch (flexibel für ADG) | mit Pos. 21a |
| 41 | 179046 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 45 | 123481 | Gas connection tube | with parts 06, 20 |
| | | Gasrohr | mit Pos. 06, 20 |
| 46 | 712087 | Pressure sensor | with part 47 |
| | | Sensor (Drucksensor) | mit Pos. 47 |
| 47 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 48 | 154150 | Clip | |
| | | Bügel | |
| 49 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

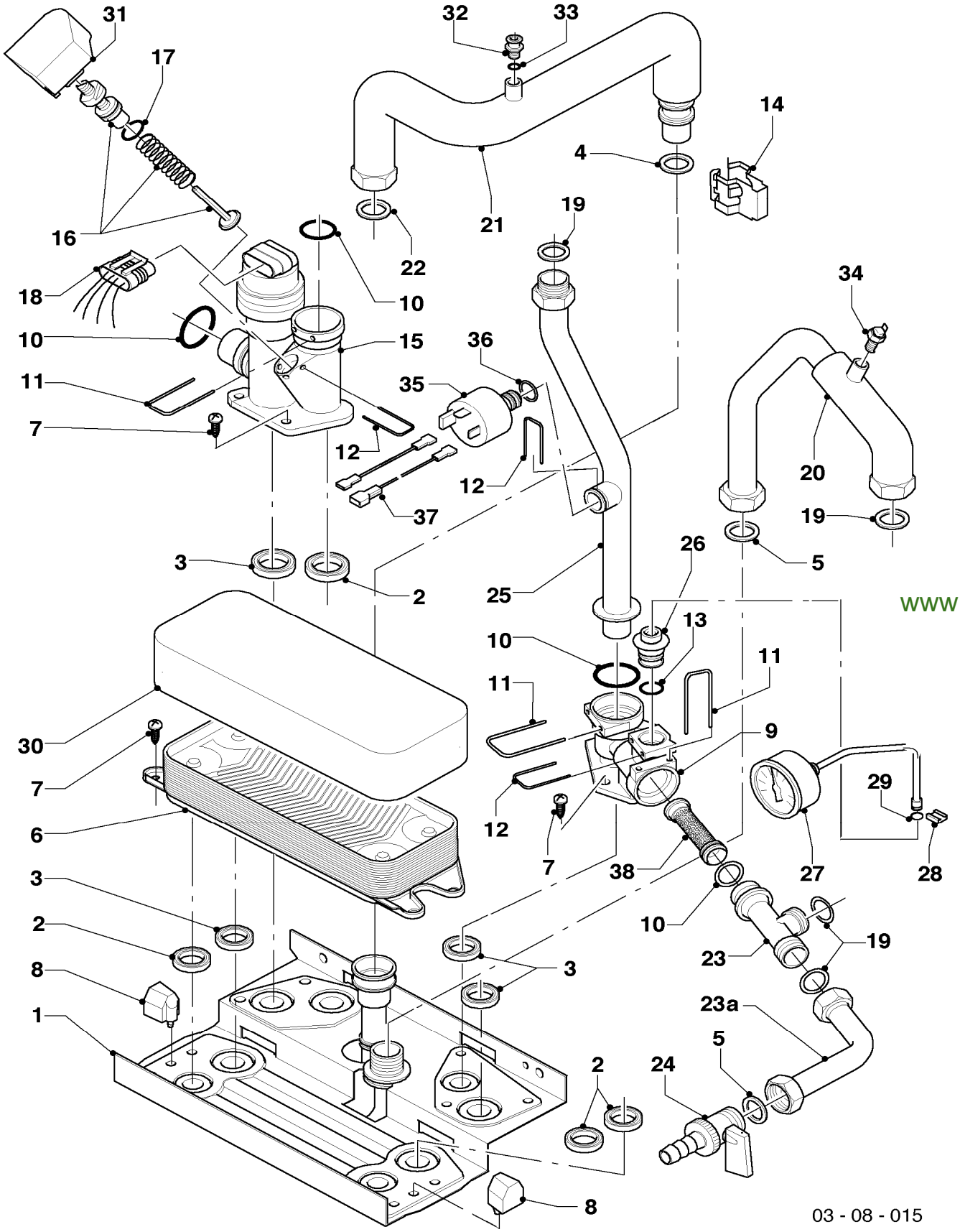
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-015 | |
| 01 | 178965 | Support | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 178973 | Heat exchanger dhw (20 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 179043 | Tube | with parts 05, 19, 34 |
| | | Rohr WW-Vorlauf | mit Pos. 05, 19, 34 |
| 21 | 179091 | Tube | with parts 04, 14, 22, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 22, 32 |
| 22 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 23 | 0020060809 | Tube, kit with T-piece | with parts 05, 10, 11, 19, 23a |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 05, 10, 11, 19, 23a |
| 23a | 0020060809 | Tube, kit with T-piece | with parts 05, 10, 11, 19, 23 |
| | | Rohr (Entleerung), Set mit T-Stück | mit Pos. 05, 10, 11, 19, 23 |
| 24 | 179072 | Drain cock | with part 05 |
| | | Entleerungsventil | mit Pos. 05 |

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# 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

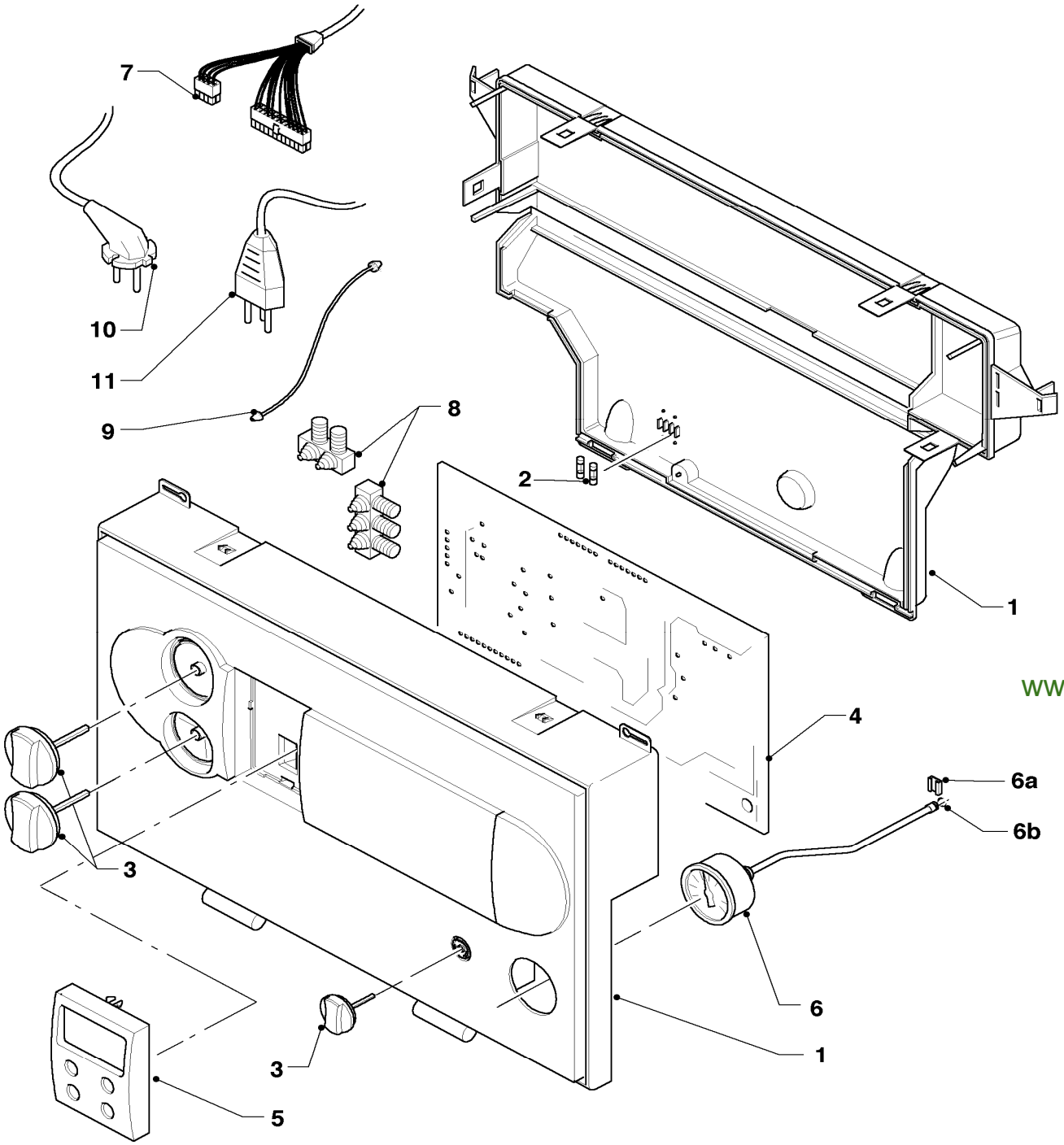
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-015 | |
| 25 | 0020029696 | Tube | with parts 10, 11, 19 |
| | | Rohr | mit Pos. 10, 11, 19 |
| 26 | 179059 | Connection piece | with parts 12, 13 |
| | | Verbindungsstück | mit Pos. 12, 13 |
| 27 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 179052 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 35 | 712087 | Pressure sensor | with part 36 |
| | | Sensor (Drucksensor) | mit Pos. 36 |
| 36 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 37 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |
| 38 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control box - Schaltkasten

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# 12 Control box - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-12-038 | |
| 00 | 253552 | Temperature sensitive element | see main component 06b Storage water heater |
| | | Fühler (Temperaturfühler) | Darstellung siehe Baugruppe 06b Warmwasserspeicher |
| 00 | 253815 | Cable connector (set) | not shown |
| | | Steckverbinder-Set (System ProE) | Set besteht aus weiß (3-polig), violett (3-polig), türkis (3-polig) und blau (2-polig), nicht dargestellt |
| 00 | 733734 | cable connector (Rast 5, 3-pole) | not shown |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grau (nicht dargestellt) |
| 00 | 733737 | Cable connector | not shown |
| | | Steckverbinder (Rast 5, 3-polig) | 3-polig grün (nicht dargestellt) |
| 00 | 252629 | Plug | not shown |
| | | Steckverbinder (Rast 5, 6-polig) | 6-polig natur (nicht dargestellt) |
| 01 | 295248 | Casing | with parts 02, 03 |
| | | Gehäuse | mit Pos. 02, 03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 193502 | Printed circuit (24/28 kW) | with part 02 |
| | | Leiterplatte (24/28 kW) | mit Pos. 02 |
| 05 | 130847 | Printed circuit (display) | |
| | | Display beleuchtet | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 179045 | Cable tree | |
| | | Kabelbaum | |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078536 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10-11 | - | - | not necessary / Position entfällt |

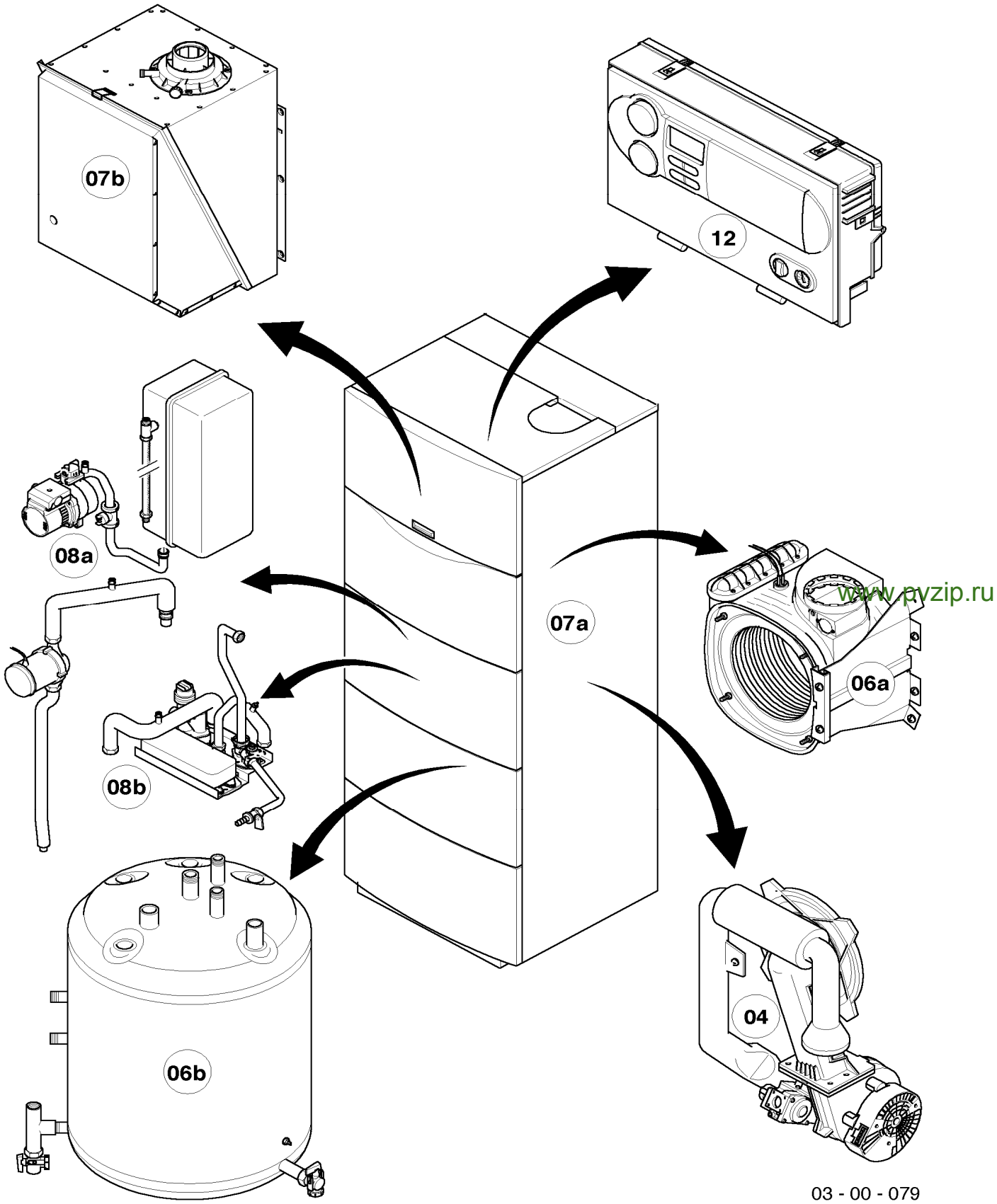
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# General view of sheet - Baugruppenübersicht

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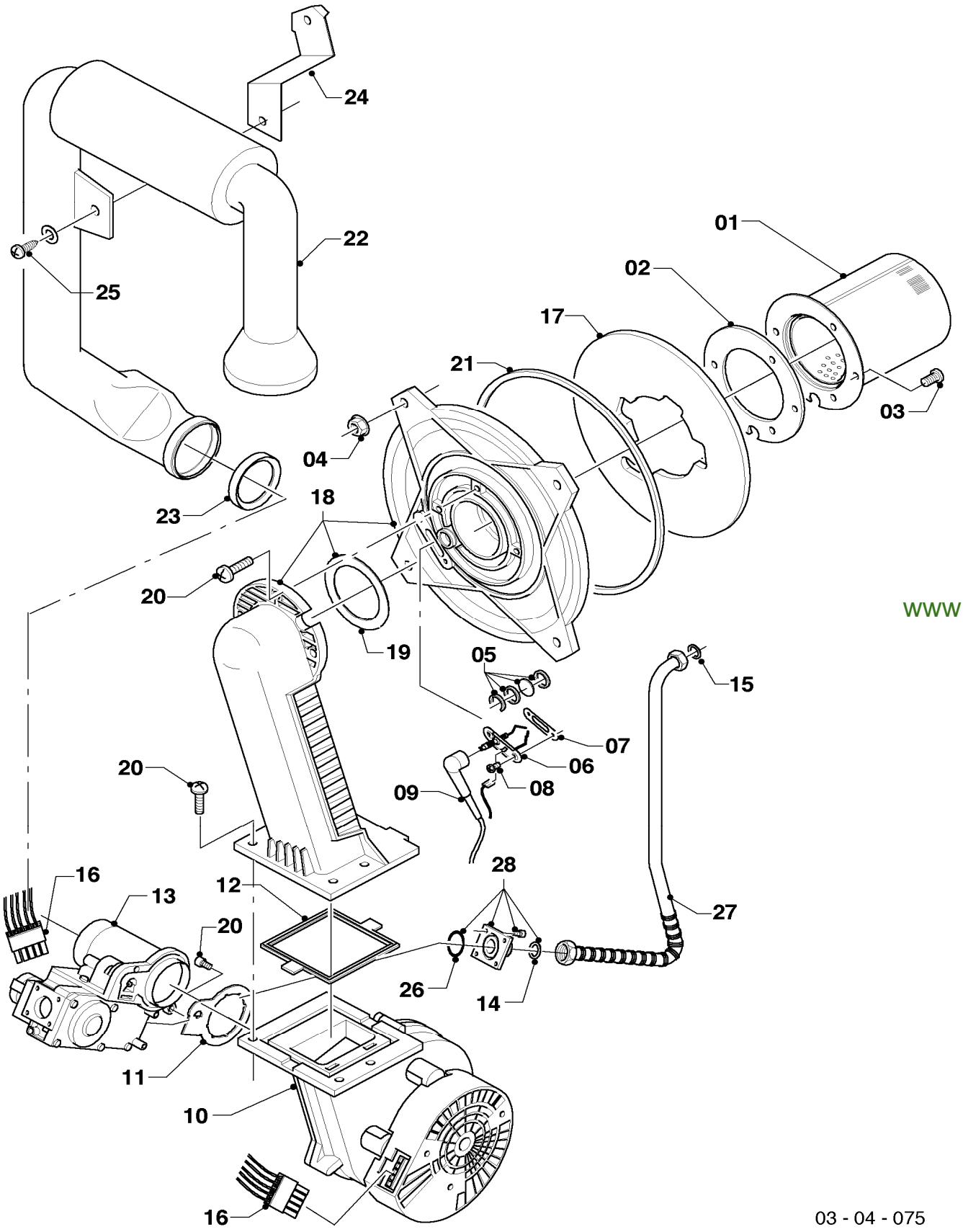



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## 04 Burner - Brenner

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# 04 Burner - Brenner

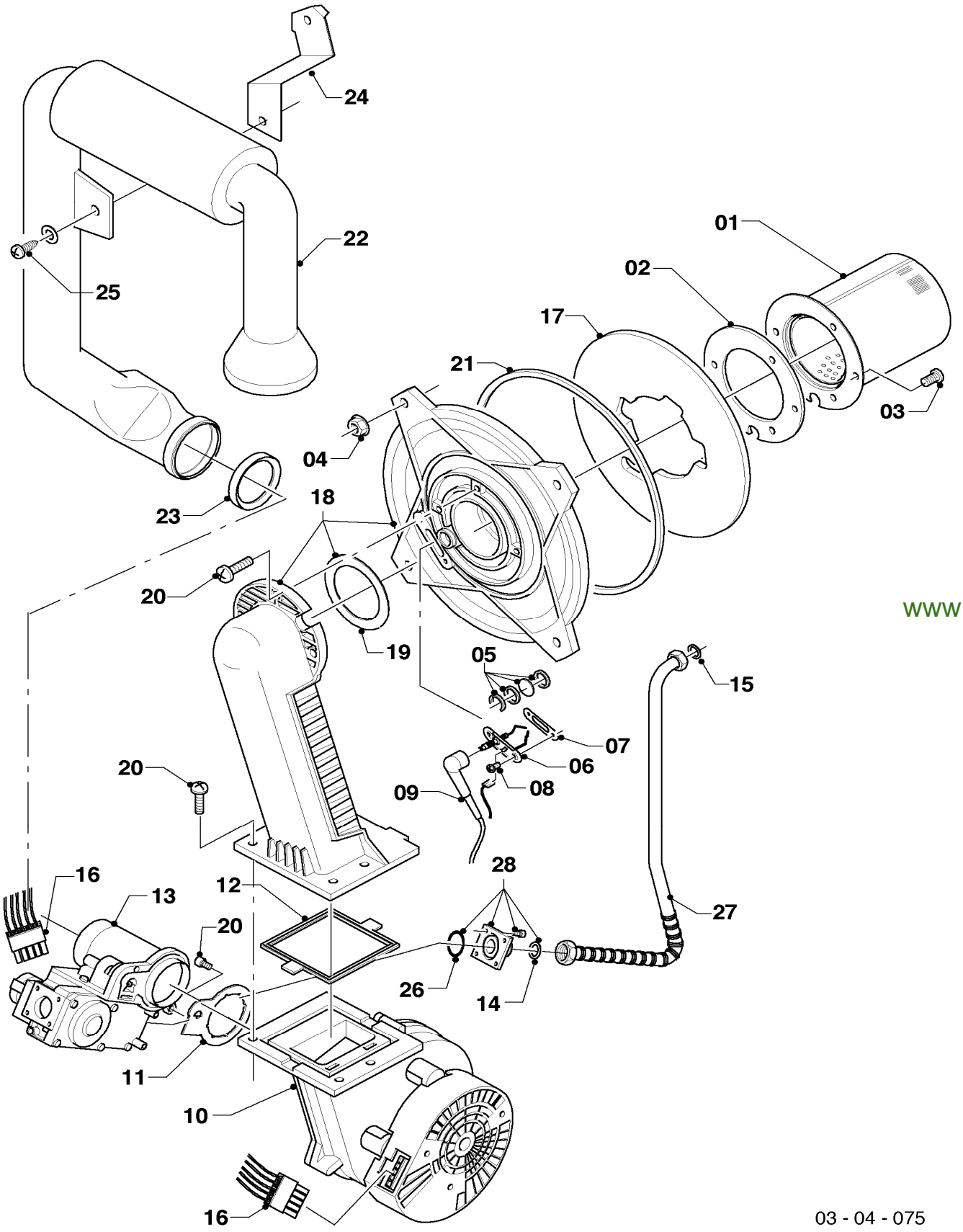
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 049345 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 053471 | Gas section | with parts 11, 14, 26 |
| | | Gasarmatur | mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |

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## 04 Burner - Brenner

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# 04 Burner - Brenner

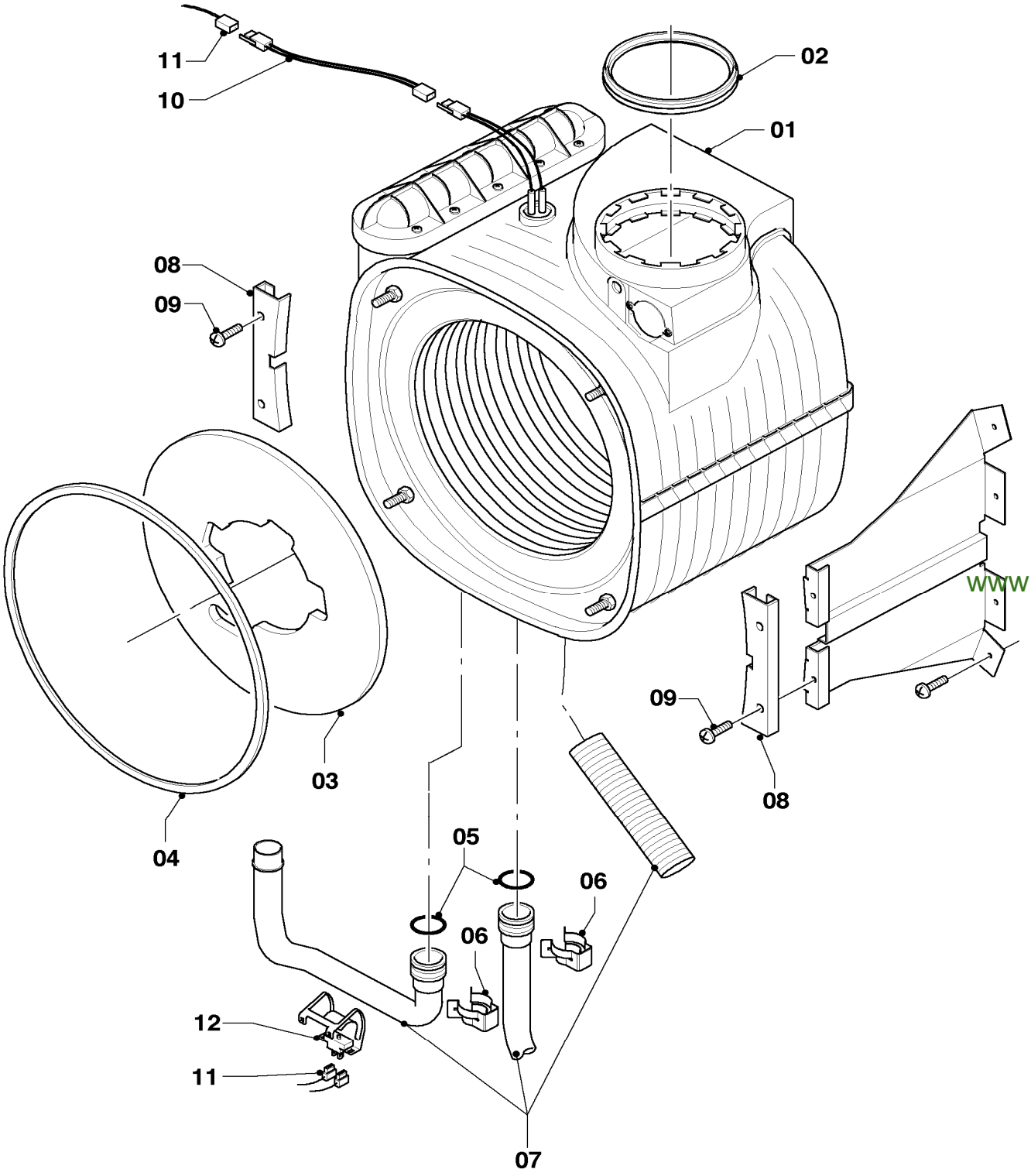
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 22 | 103404 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038607 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

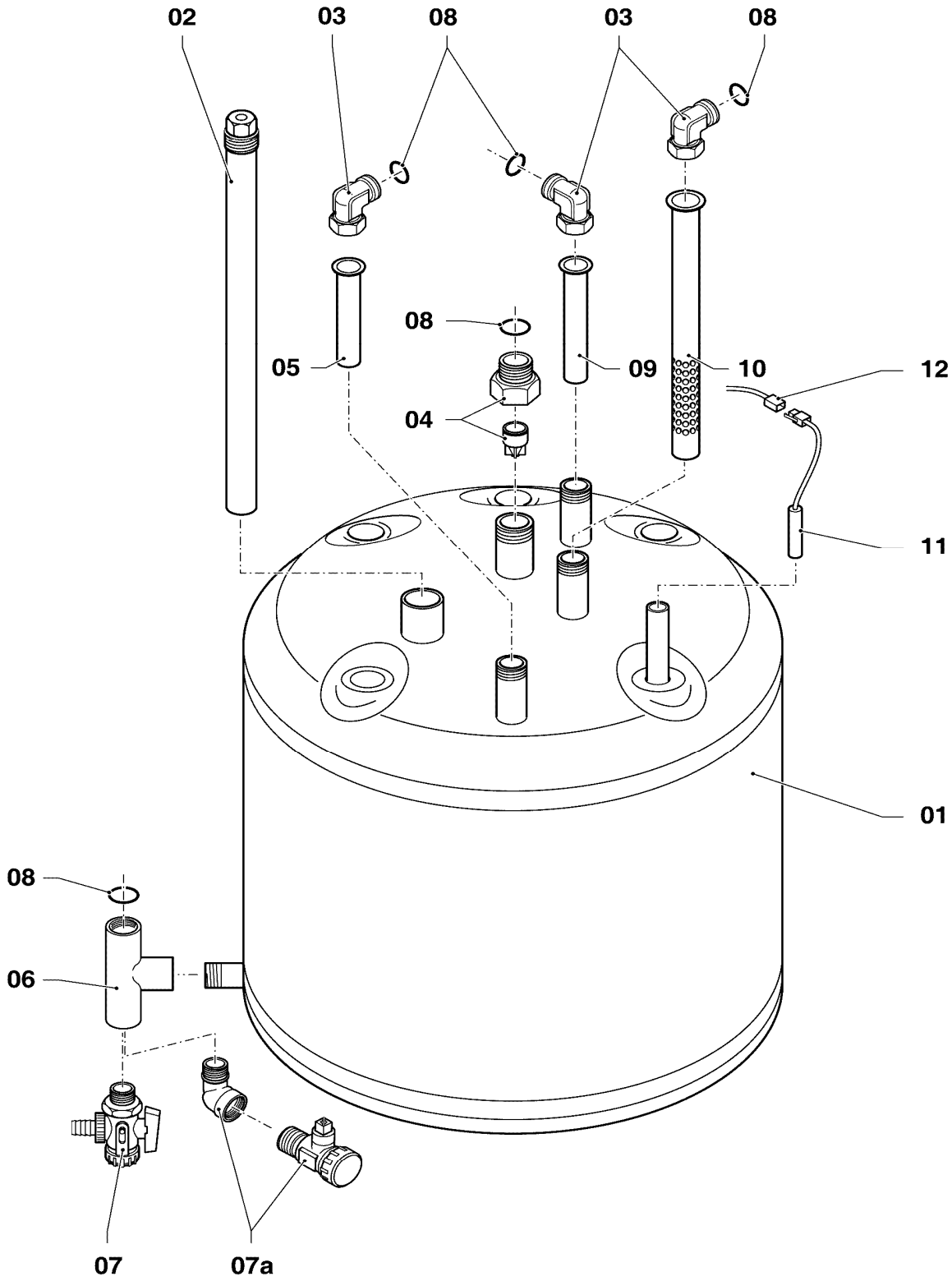
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018182 | Heat exchanger | with parts 02-06 |
| | | Wärmetauscher HW | mit Pos. 02-06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

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03-06-078.01

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## 06b Storage water heater - Warmwasserspeicher

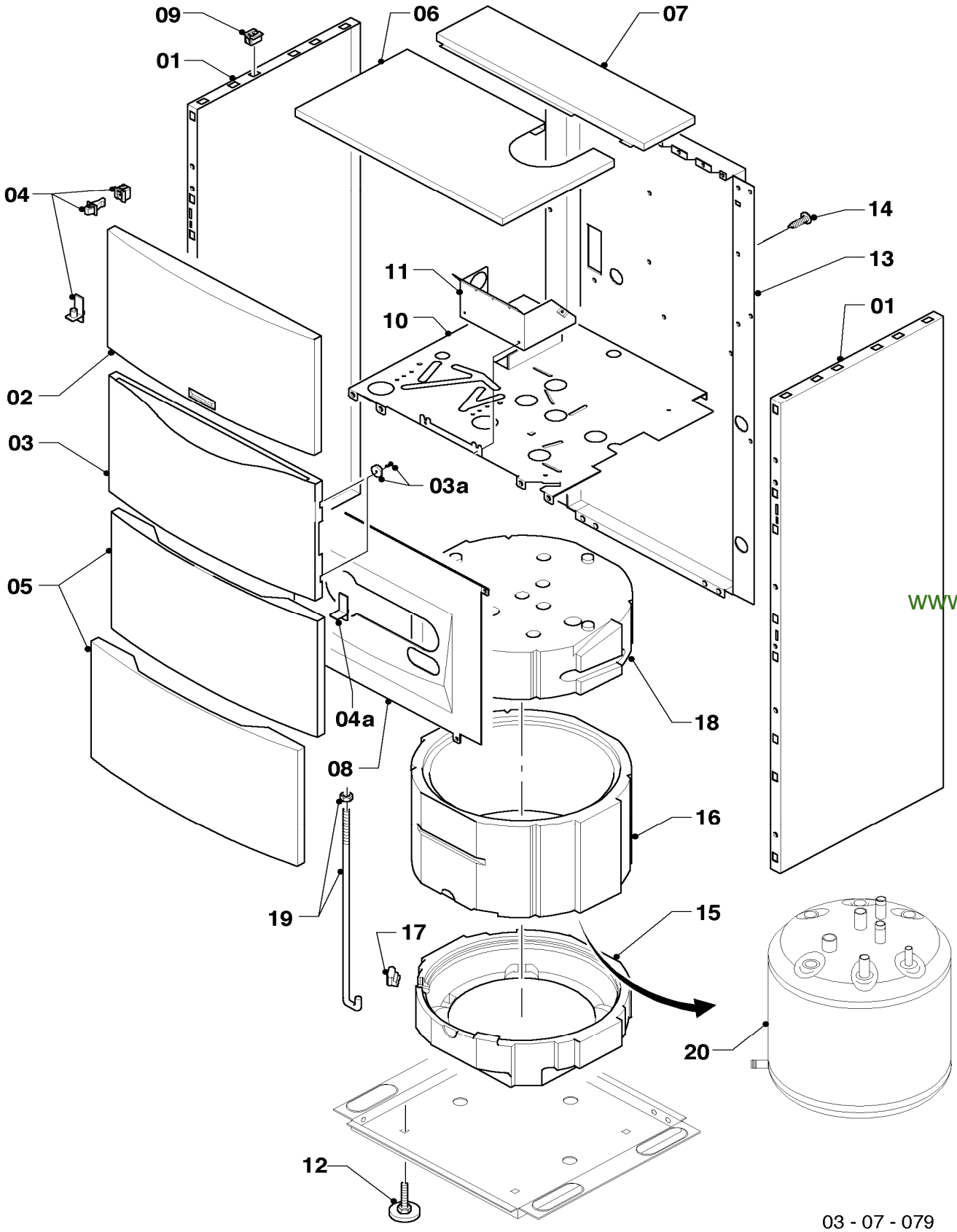
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-078 | |
| 01 | 0020018743 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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## 07a Casing - Verkleidung

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# 07a Casing - Verkleidung

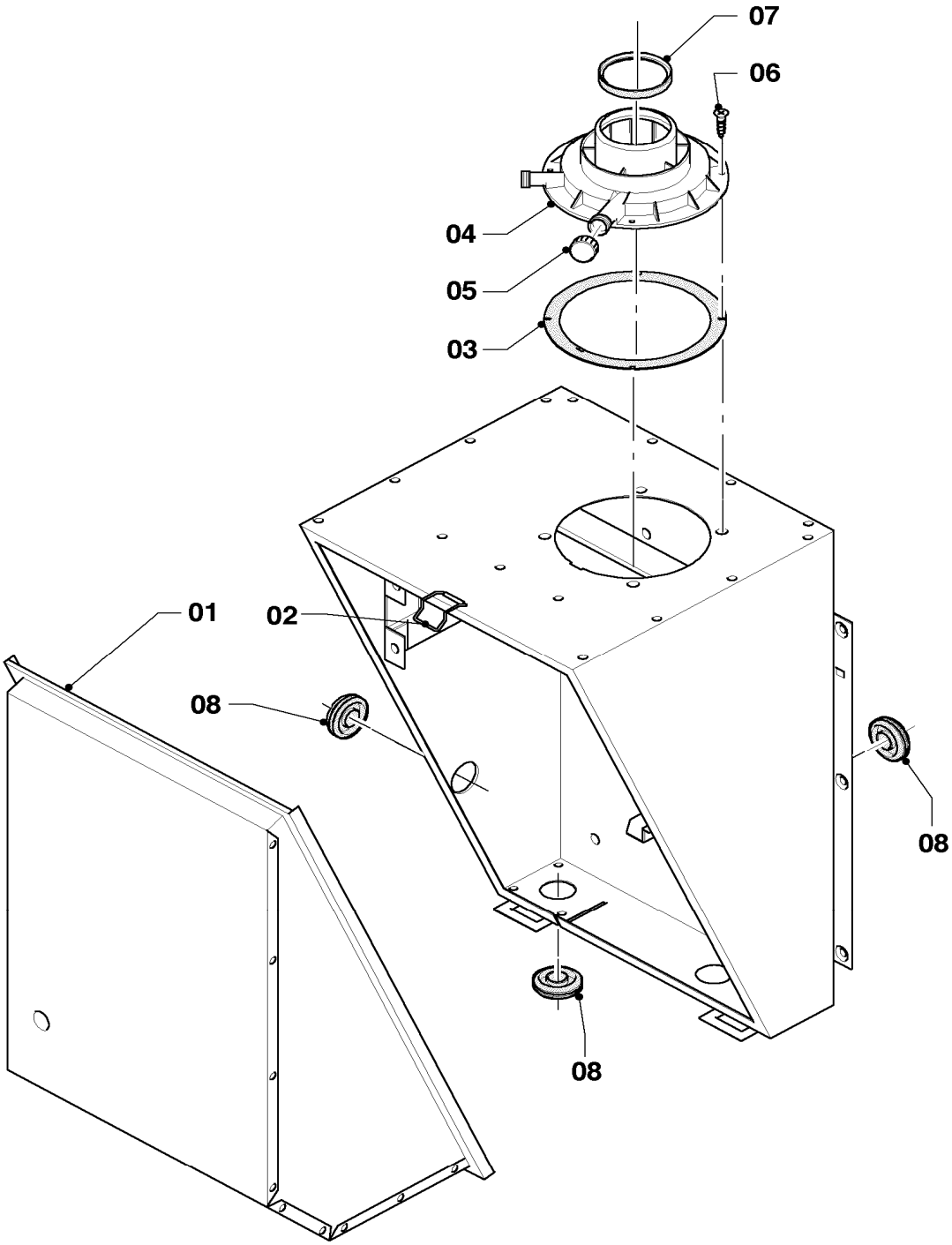
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-079 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038595 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 0020038561 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020038600 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 0020038597 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 0020038596 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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03 - 07 - 081

# 07b Combustion chamber - Unterdruckkammer

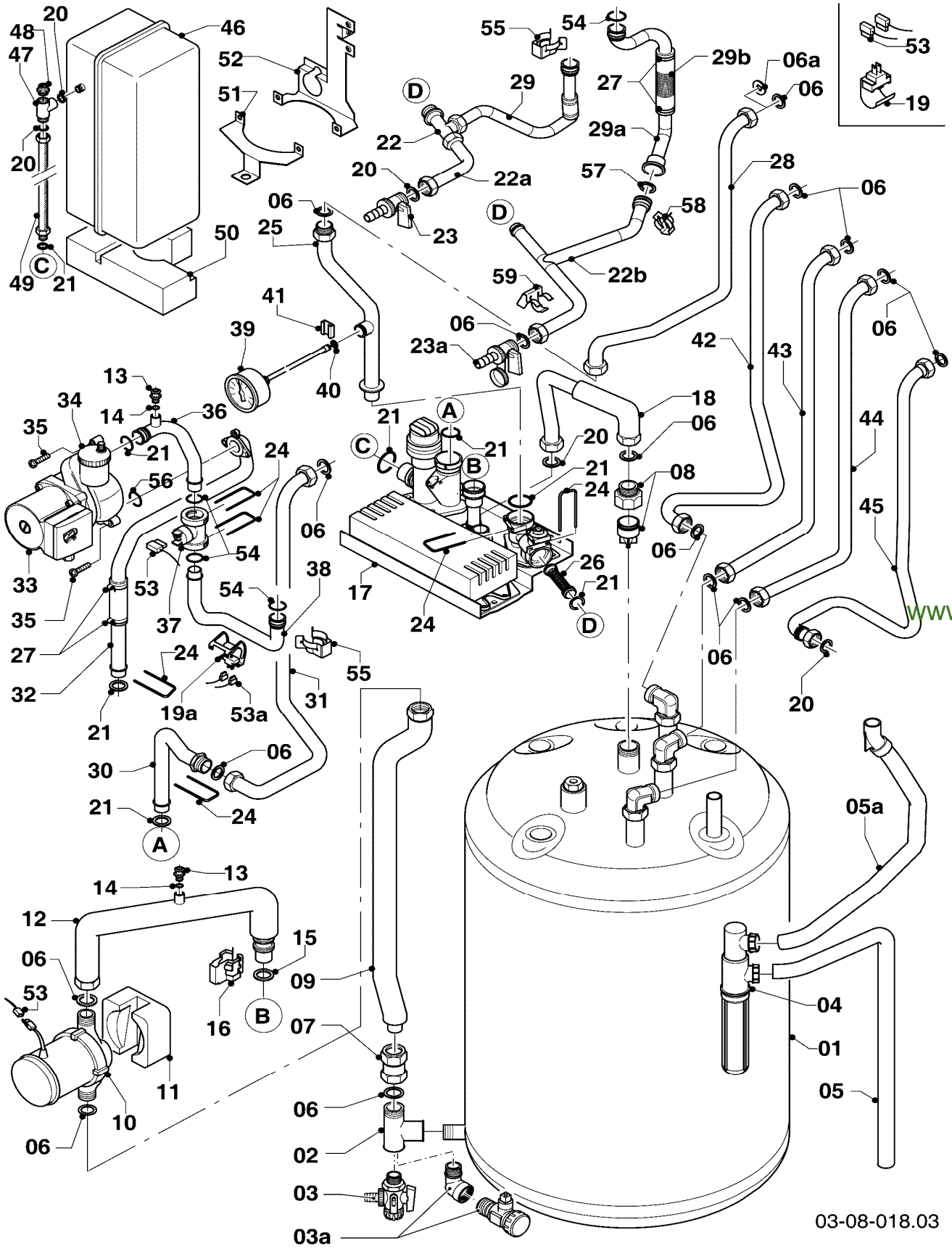
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulik

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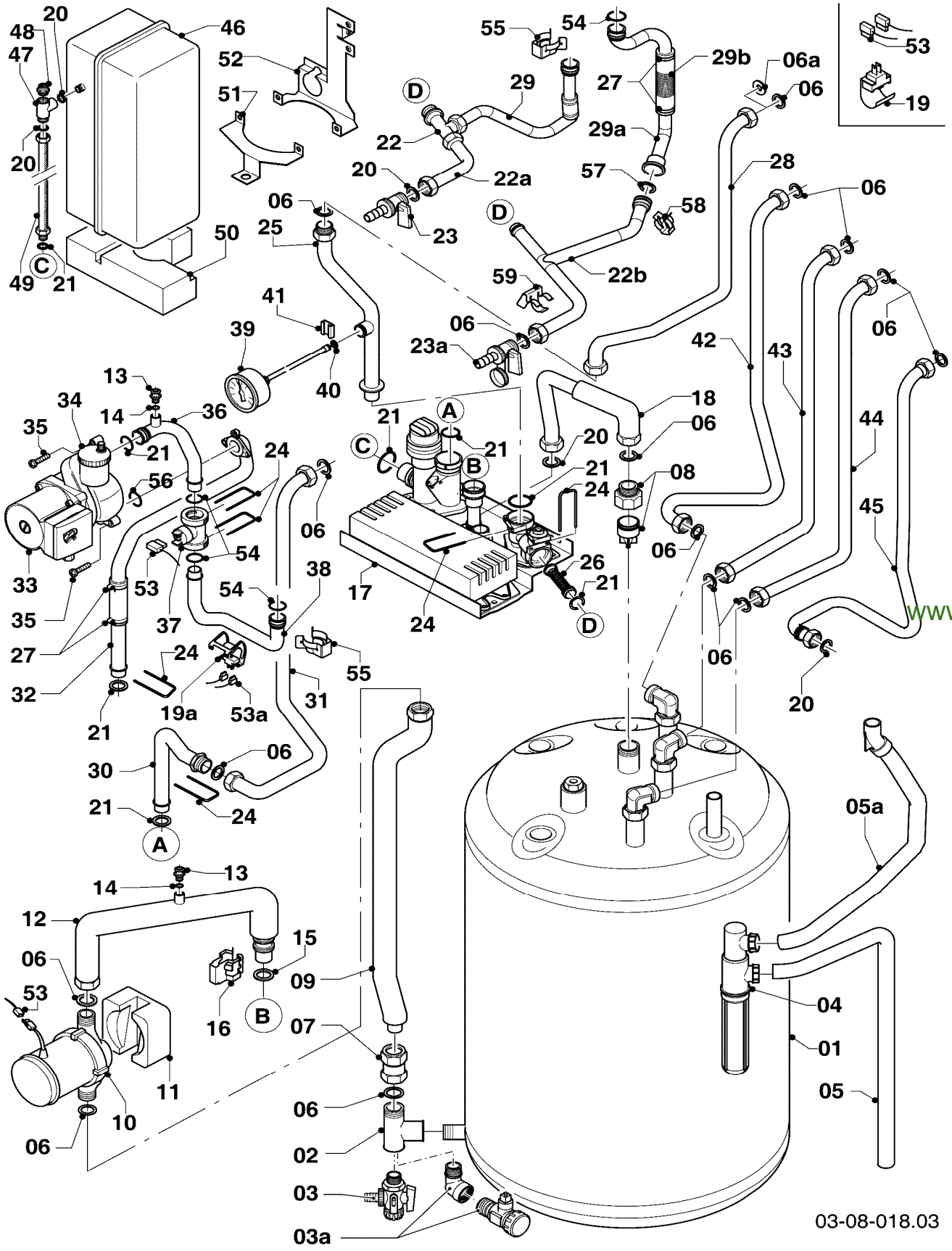
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 01 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 04 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 04 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 05a | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 06a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 09 | 0020038563 | Tube (with insulation) | with part 06 |
| | | Rohr (mit Isolierung) | mit Pos. 06 |
| 10 | 0020038578 | Pump | with part 06 |
| | | Pumpe (Ladepumpe) | mit Pos. 06 |
| 10 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 11 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 12 | 0020038579 | Tube (with insulation) | with parts 06, 13-16 |
| | | Rohr (mit Isolierung) | mit Pos. 06, 13-16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 0020038601 | Tube | |
| | | Rohr (mit Isolierung) | |
| 19 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 19a | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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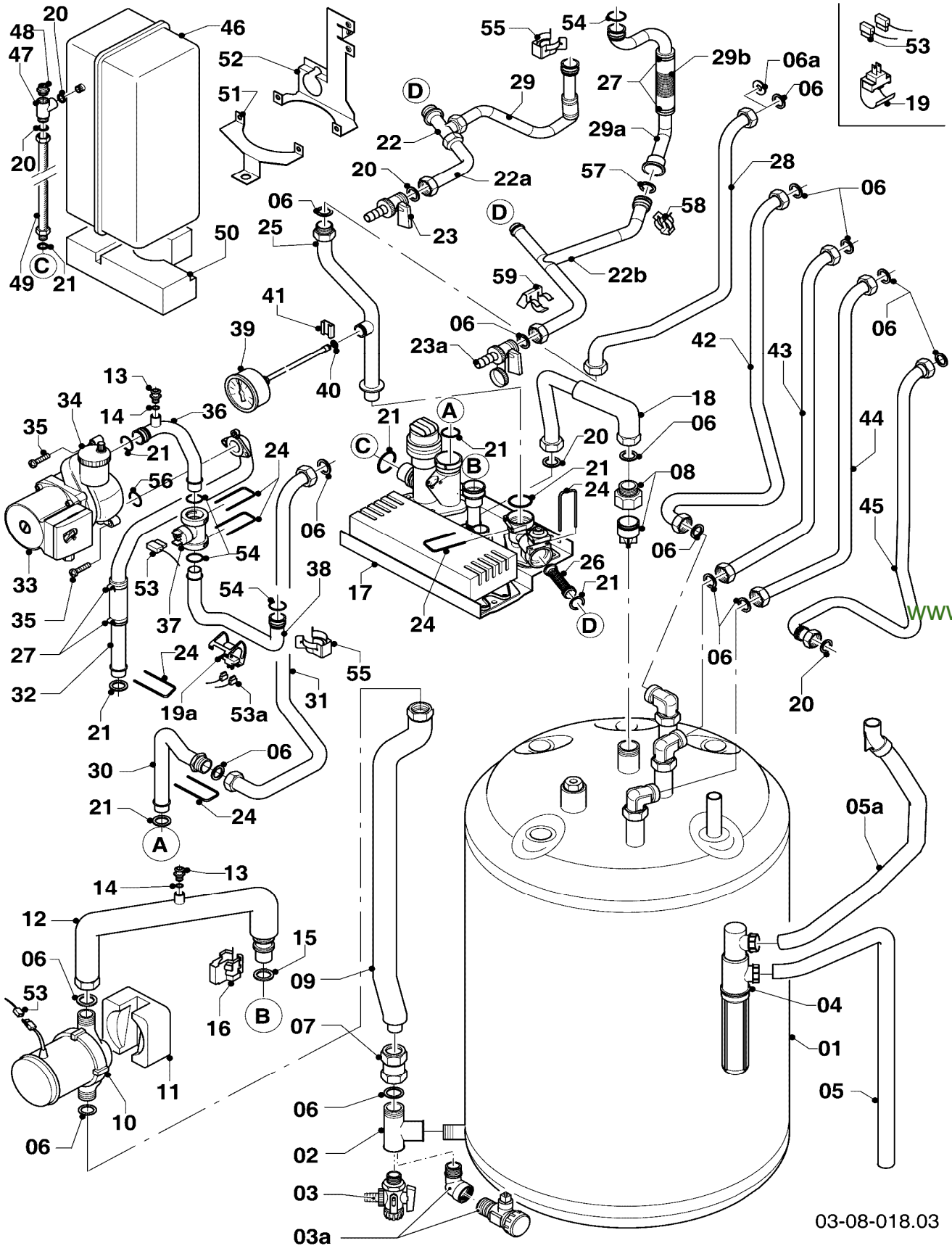
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22a | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22b | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| 23 | 179072 | Drain cock | old execution (with part 20) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 20) |
| 23a | 0020065827 | Valve (G 3/4) | new execution (with part 06) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 06) |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020038580 | Tube | with parts 06, 21, 24 |
| | | Rohr (Manometer) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 29a | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 29b | 080387 | Flexible tube | with part 27 |
| | | Schlauch | mit Pos. 27 |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020038575 | Tube | with parts 21, 24, 27, 56 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 21, 24, 27, 56 |
| 33 | 0020051969 | Pump (heating) | with parts 21, 34, 56 |
| | | Pumpe (Heizung) | mit Pos. 21, 34, 56 |
| 33 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 34 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 35 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 36 | 0020038574 | Tube (pump-sensor) | with parts 13, 14, 21, 24, 54 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 13, 14, 21, 24, 540 |
| 37 | 0020045923 | Sensor (Vortex) | with parts 24, 54 |
| | | Fühler (Vortex) | mit Pos. 24, 54 |
| 38 | 0020038576 | Tube | with parts 24, 54, 55 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 24, 54, 55 |

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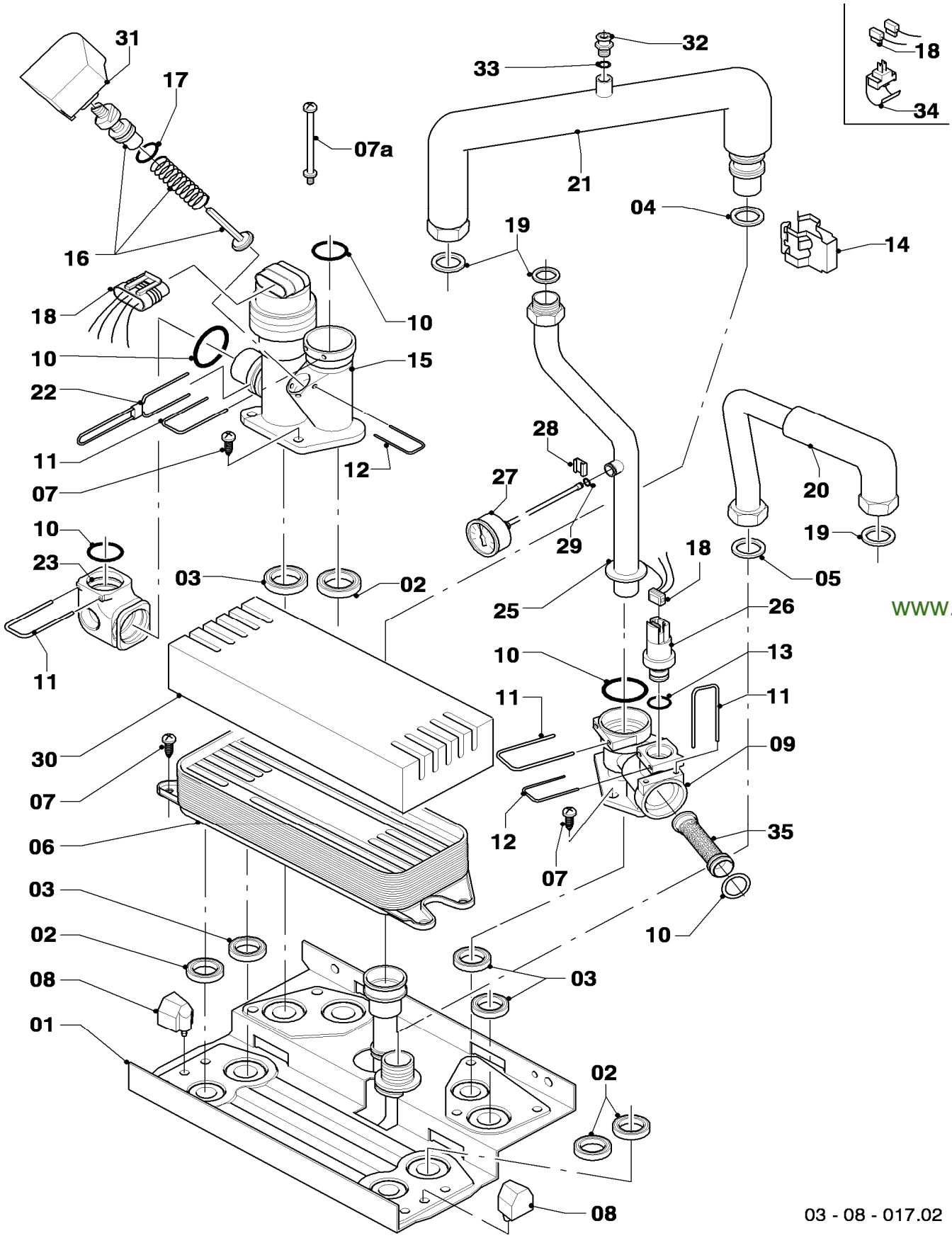
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 44 | 0020064686 | Plug | for appliances without circulation (not shown) |
| | | Stopfen | Verschluss Zirkulationsanschluss (nicht dargestellt) |
| 45 | 0020038607 | Tube (gas) | with parts 06, 20 |
| | | Rohr (Gas) | mit Pos. 06, 20 |
| 46 | 179048 | Expansion vessel 15 ltr. | with part 20 |
| | | Ausdehnungsgefäß 15 ltr. | mit Pos. 20 |
| 47 | 179049 | T-piece | with parts 20, 48 |
| | | T-Stück | mit Pos. 20, 48 |
| 48 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 49 | 179083 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 50 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 51 | 0020038584 | Support (expansion vessel) | |
| | | Halter (ADG, vorne) | |
| 52 | 0020038585 | Support (expansion vessel) | |
| | | Halter (ADG, hinten) | |
| 53 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 53a | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 54 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 55 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 56 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 57 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 58 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 59 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

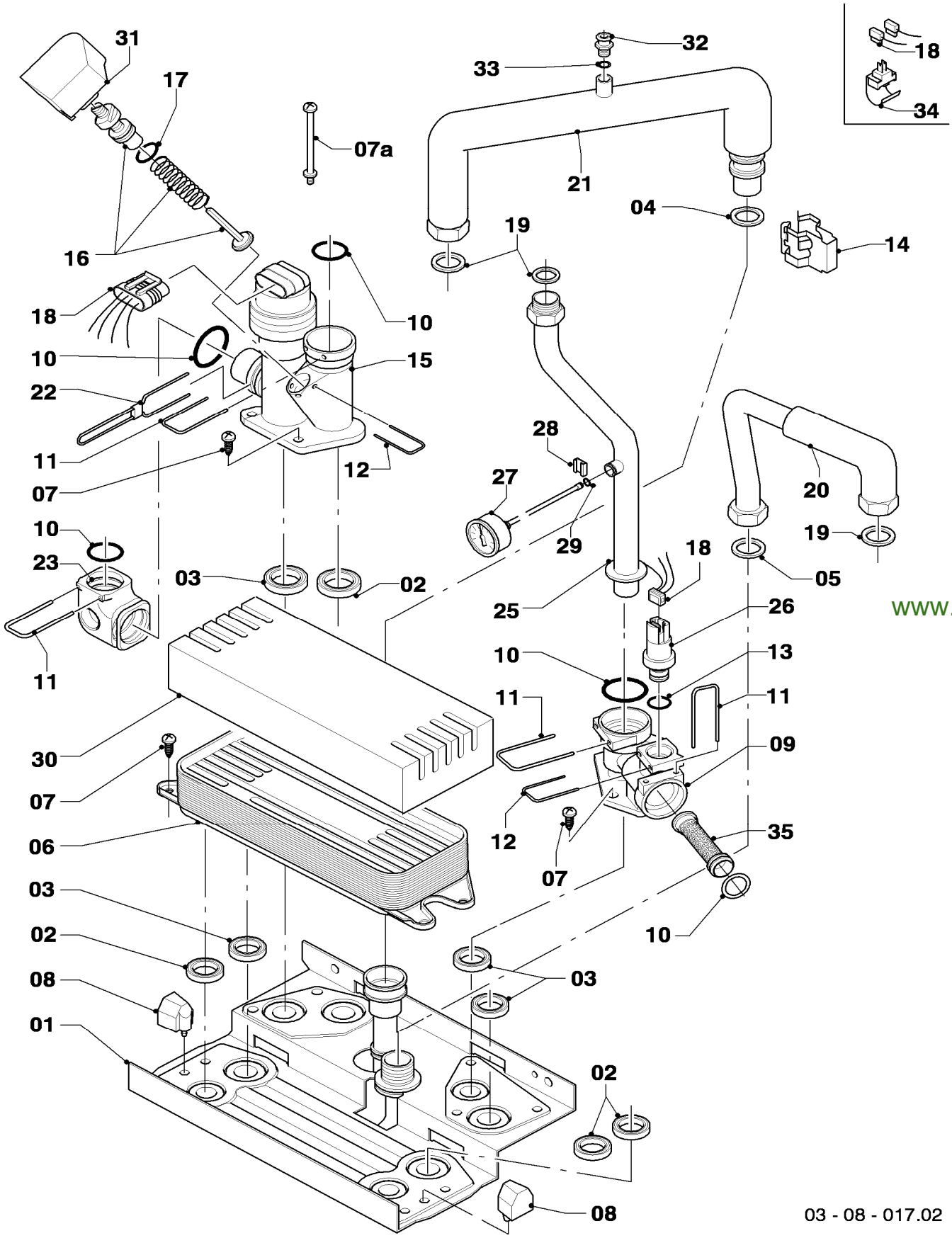
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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# 08b Hydraulic parts - Hydraulikblock

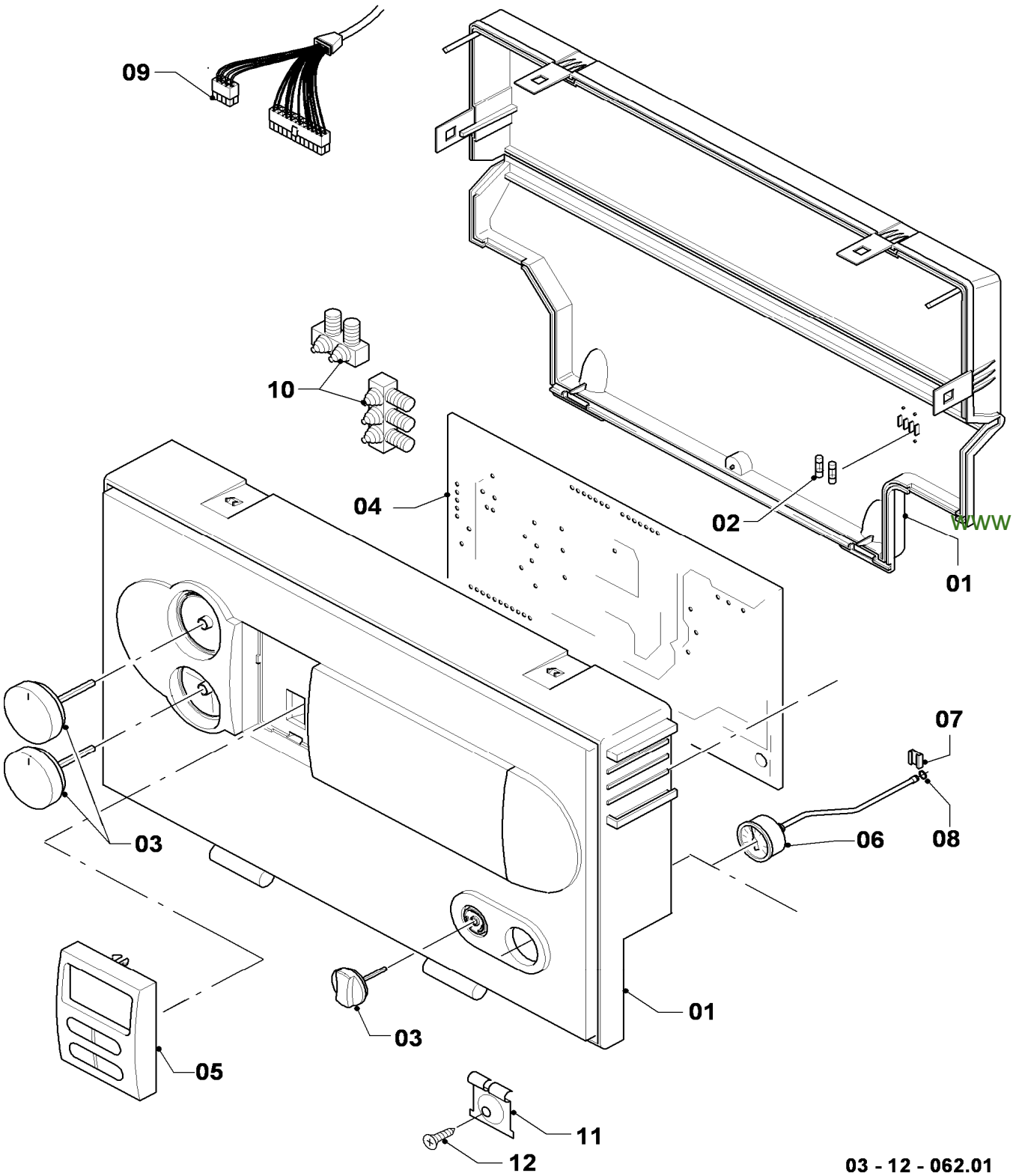
VSC INT 246/2-C 170

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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## 12 Control panel - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020038587 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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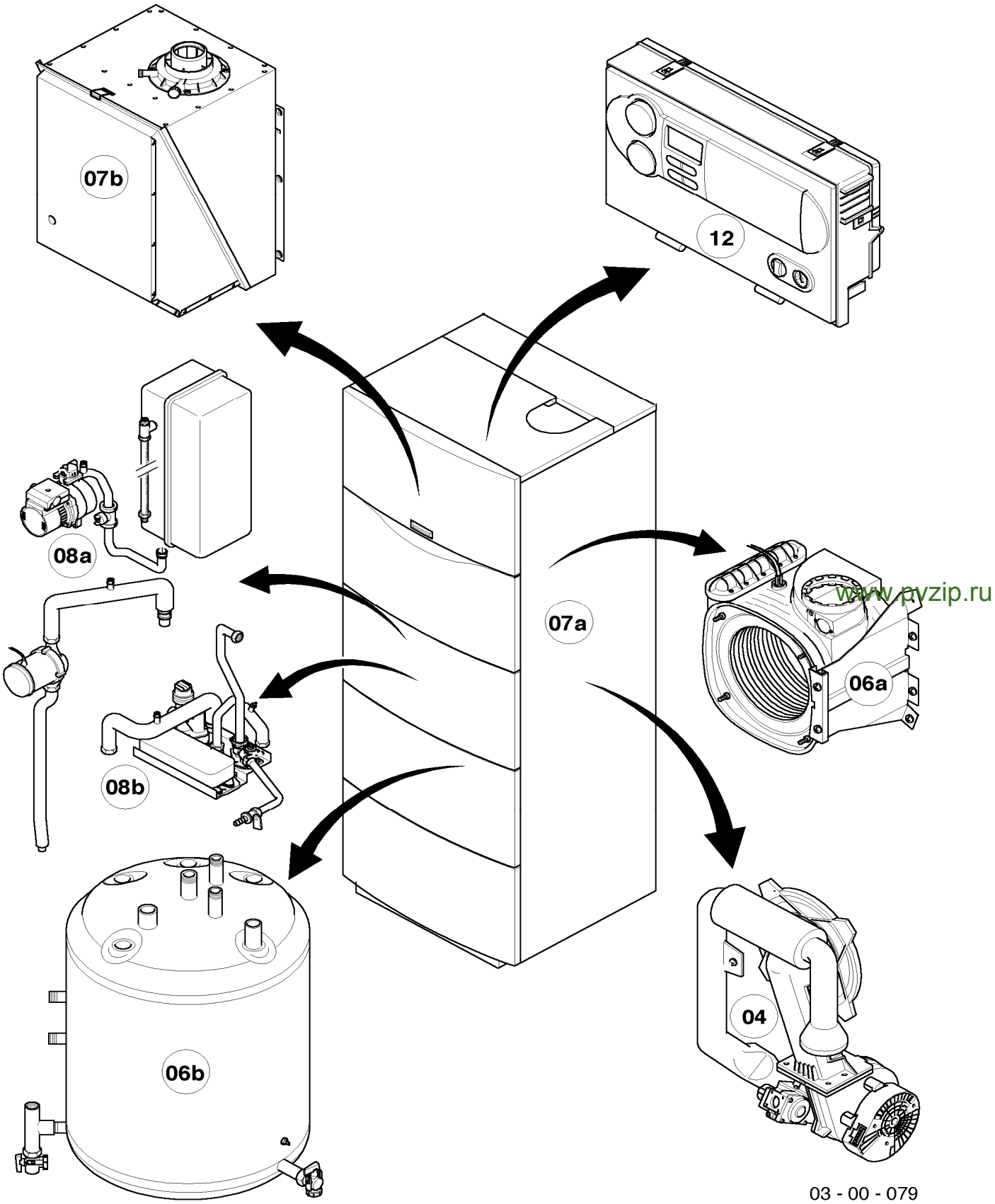
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# General view of sheet - Baugruppenübersicht

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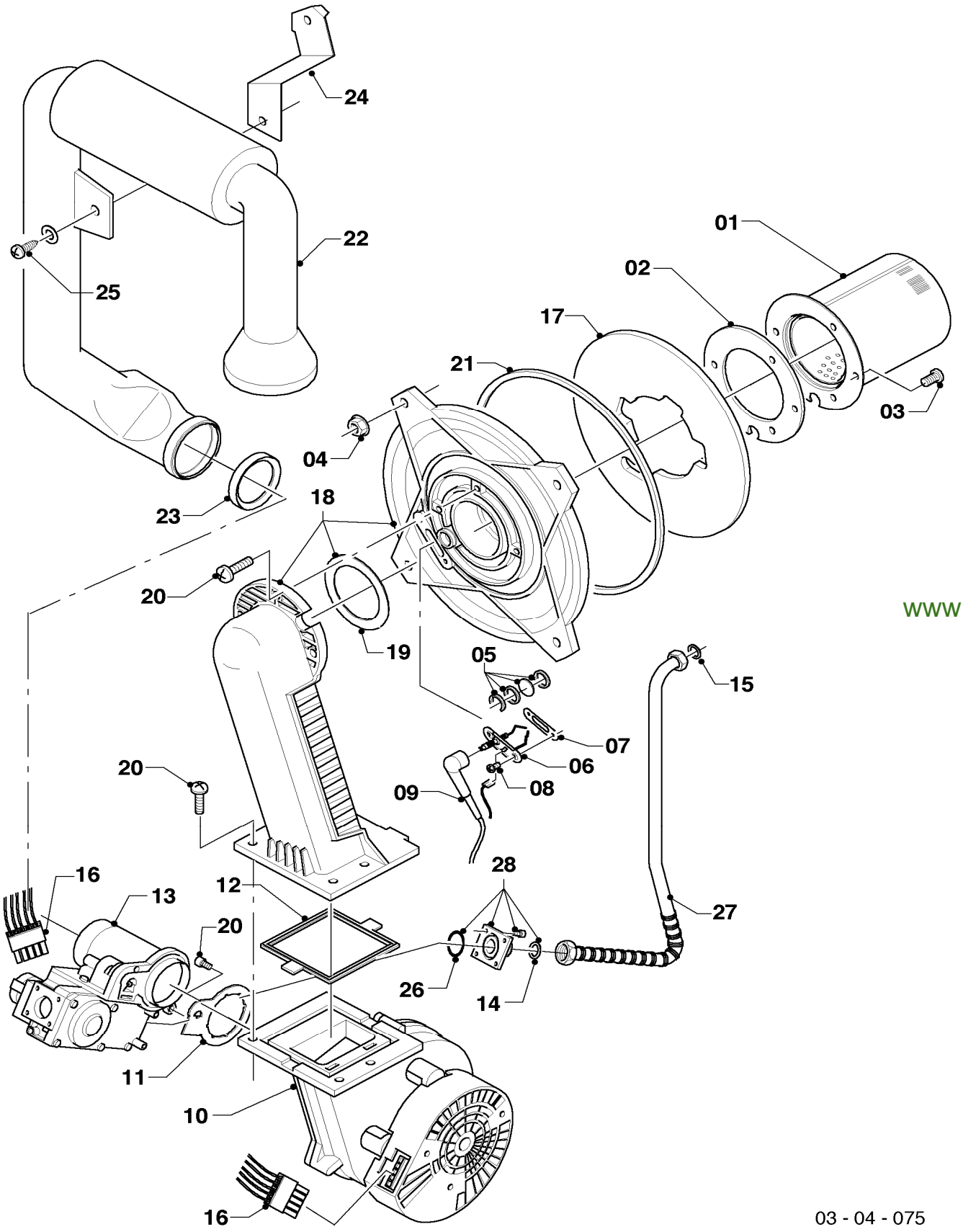



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# 04 Burner - Brenner

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# 04 Burner - Brenner

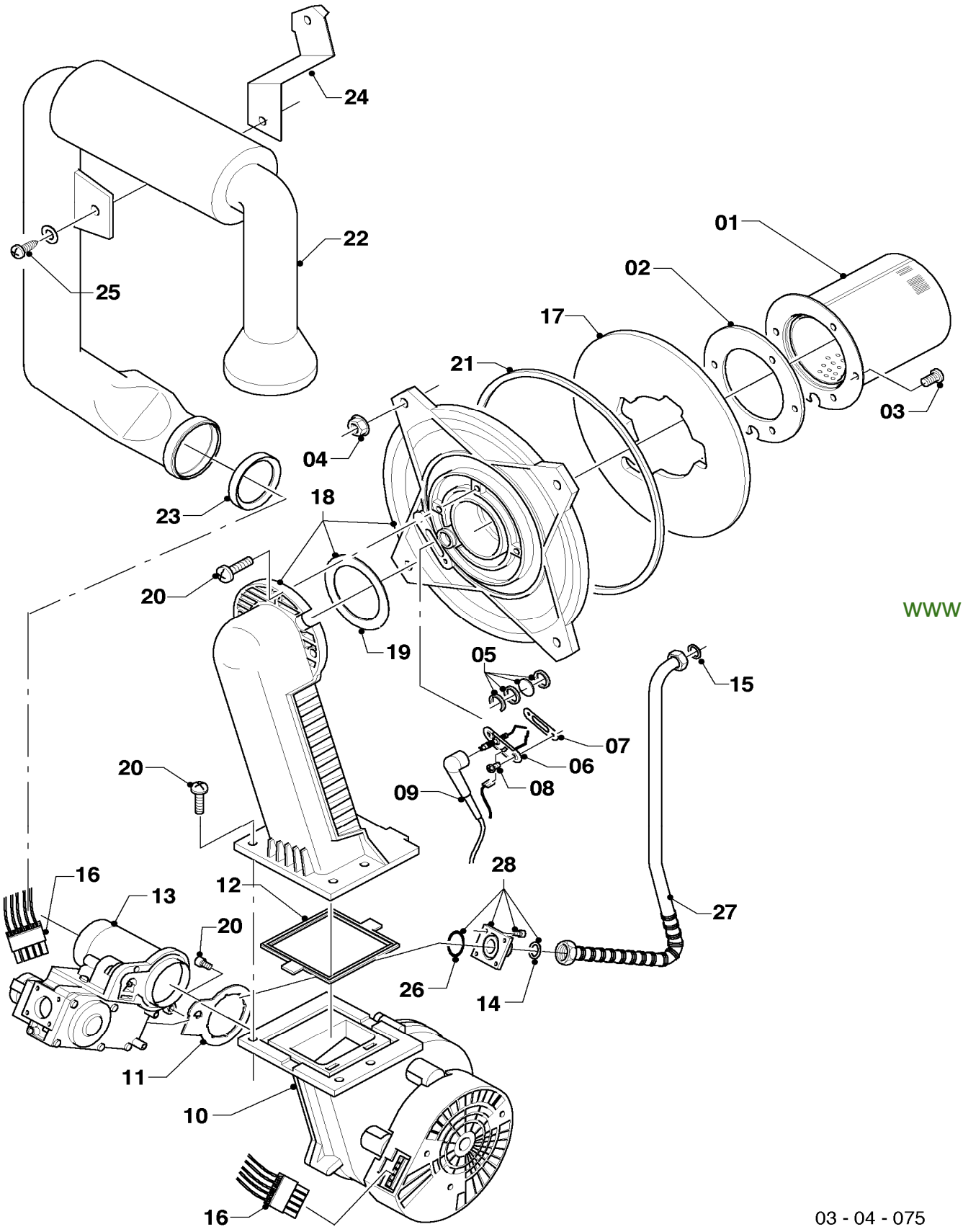
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 049345 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 053471 | Gas section | with parts 11, 14, 26 |
| | | Gasarmatur | mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |

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# 04 Burner - Brenner

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# 04 Burner - Brenner

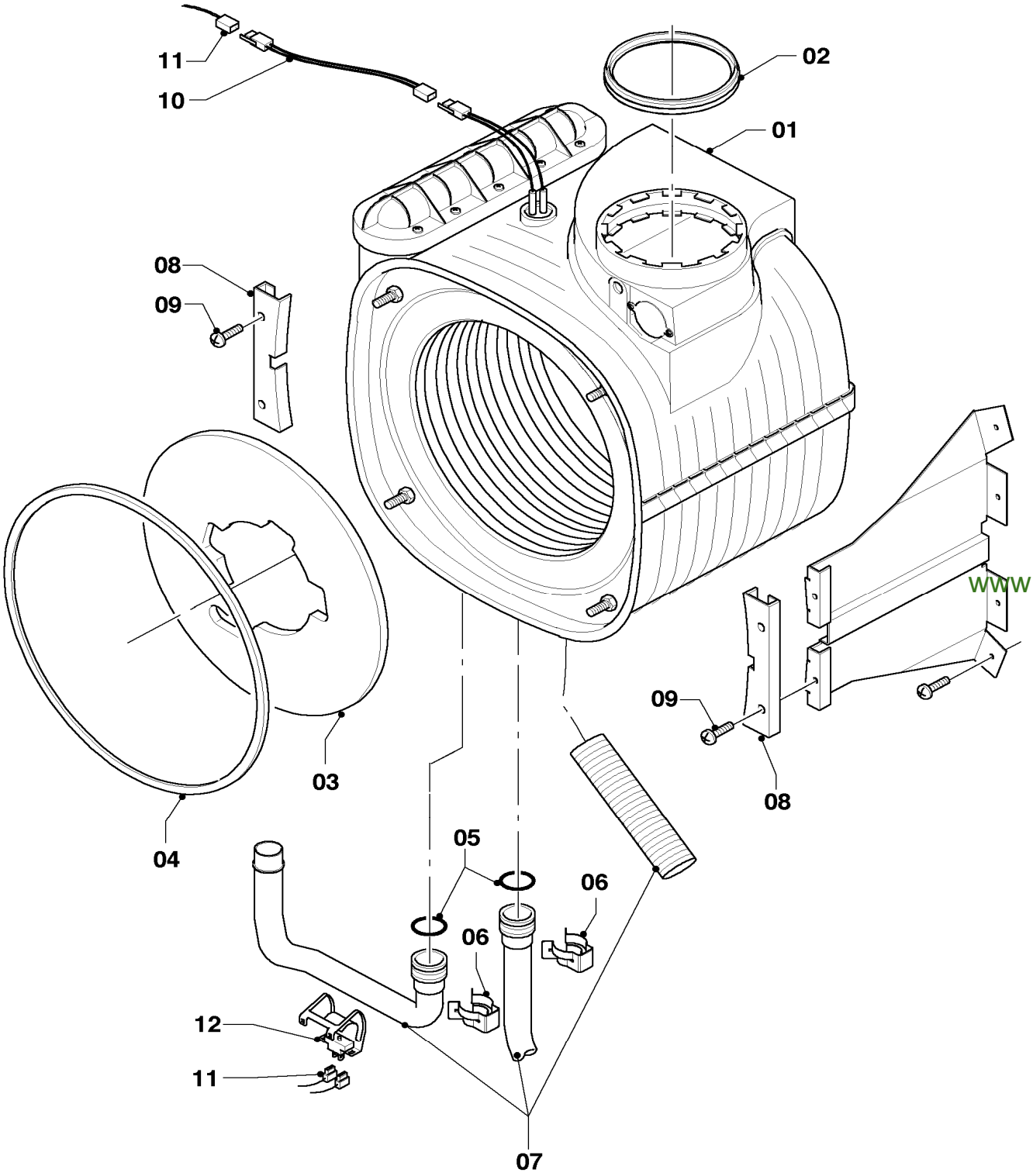
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 22 | 103404 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038607 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

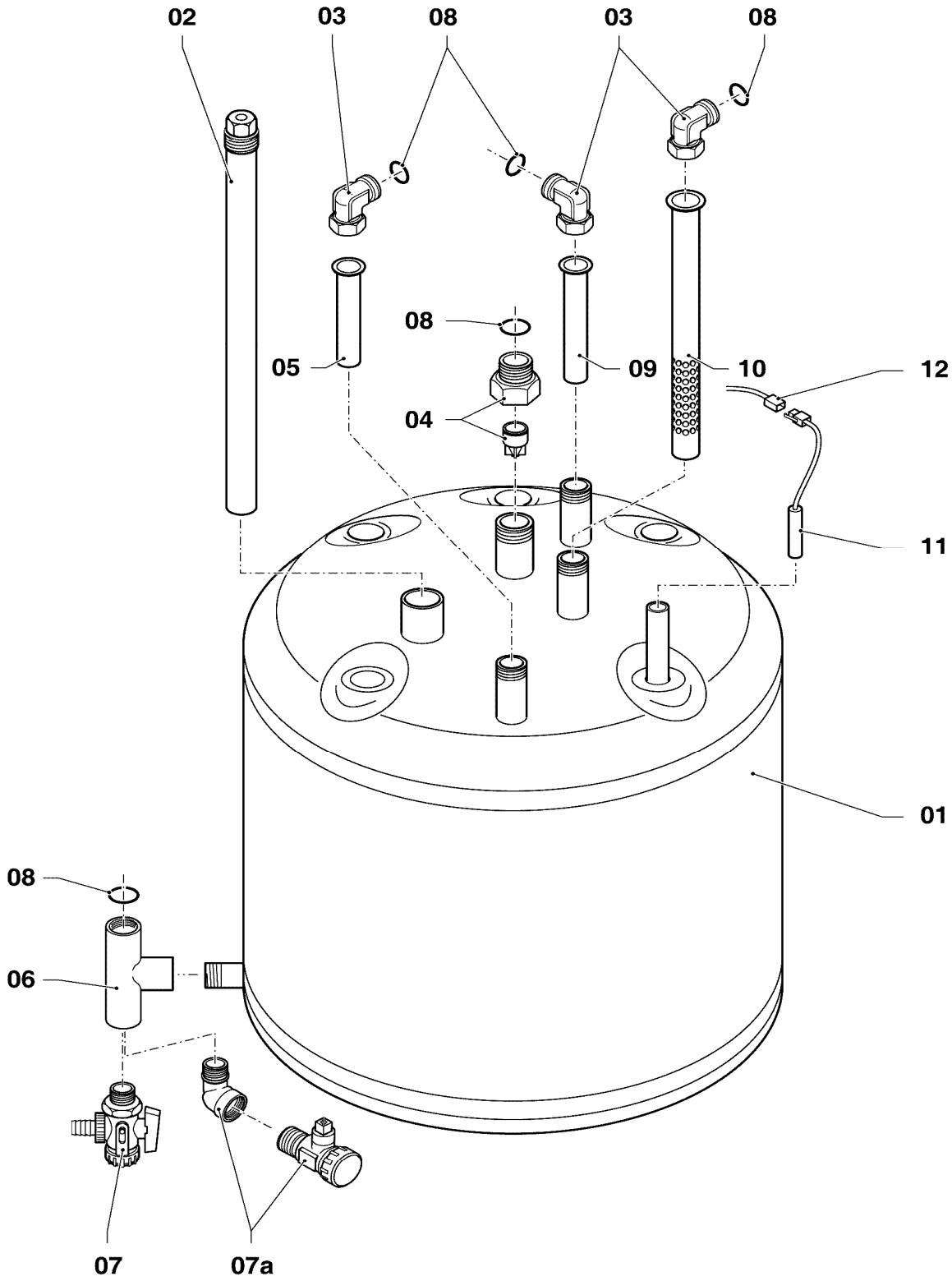
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018182 | Heat exchanger | with parts 02-06 |
| | | Wärmetauscher HW | mit Pos. 02-06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

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03-06-078.01

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## 06b Storage water heater - Warmwasserspeicher

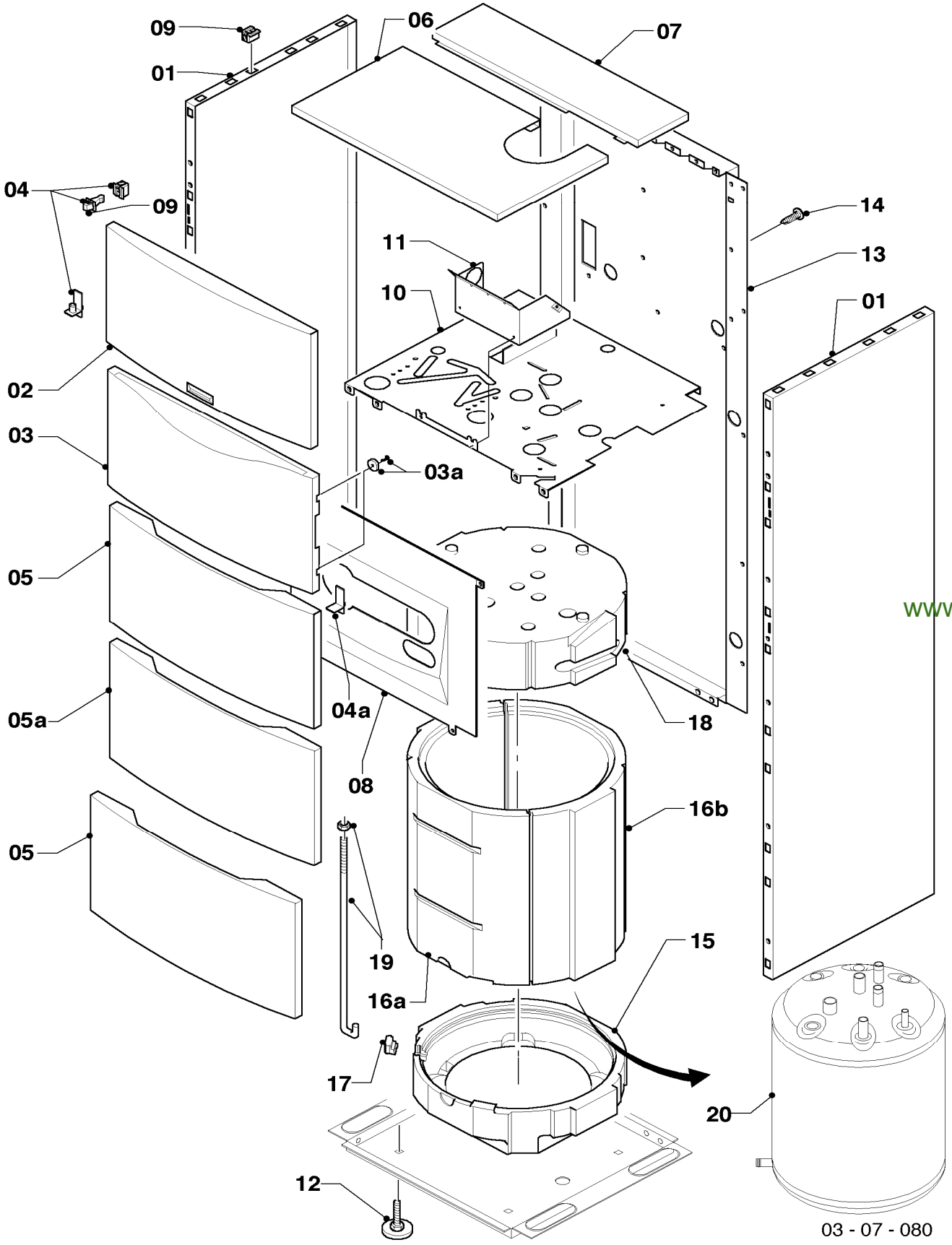
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-078 | |
| 01 | 179057 | Boiler (150 l) | |
| | | Speicher (150 l) | |
| 02 | 0020078910 | Anode (G1, L=642) | |
| | | Anode (G1, L=642) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 05 | 137751 | Tube (L=597 mm, D=18 mm) | |
| | | Rohr (L = 597 mm, D = 18 mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020038614 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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## 07a Casing - Verkleidung

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# 07a Casing - Verkleidung

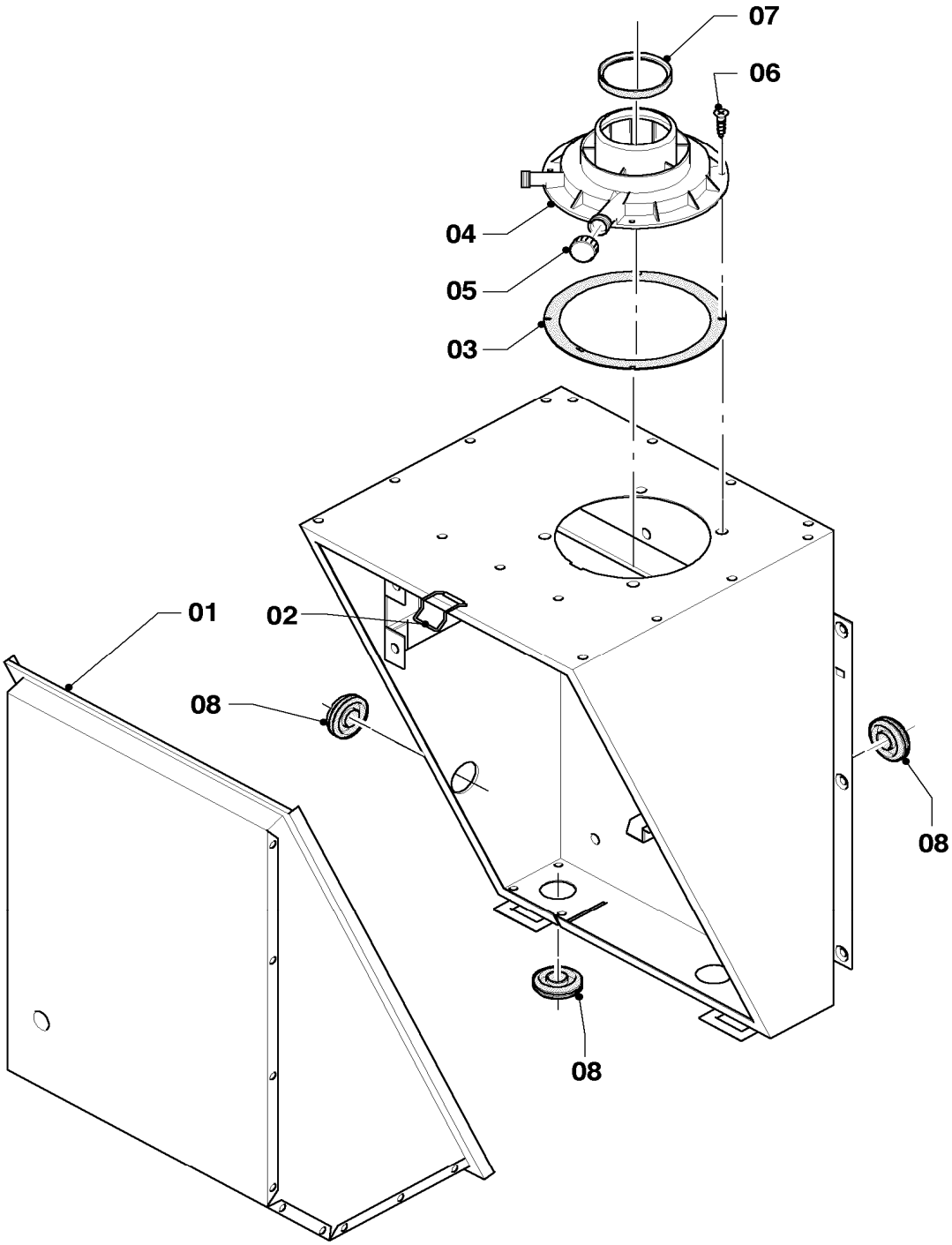
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-080 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 117228 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 05a | 117201 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 117227 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020038600 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16a | 0020038603 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 16b | 0020038604 | Insulation, middle | |
| | | Isolierung, mitte (ohne Löcher) | |
| 17 | 0020038596 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 179065 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 179057 | Boiler (150 l) | see main component 06b Storage water heater |
| | | Speicher (150 l) | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

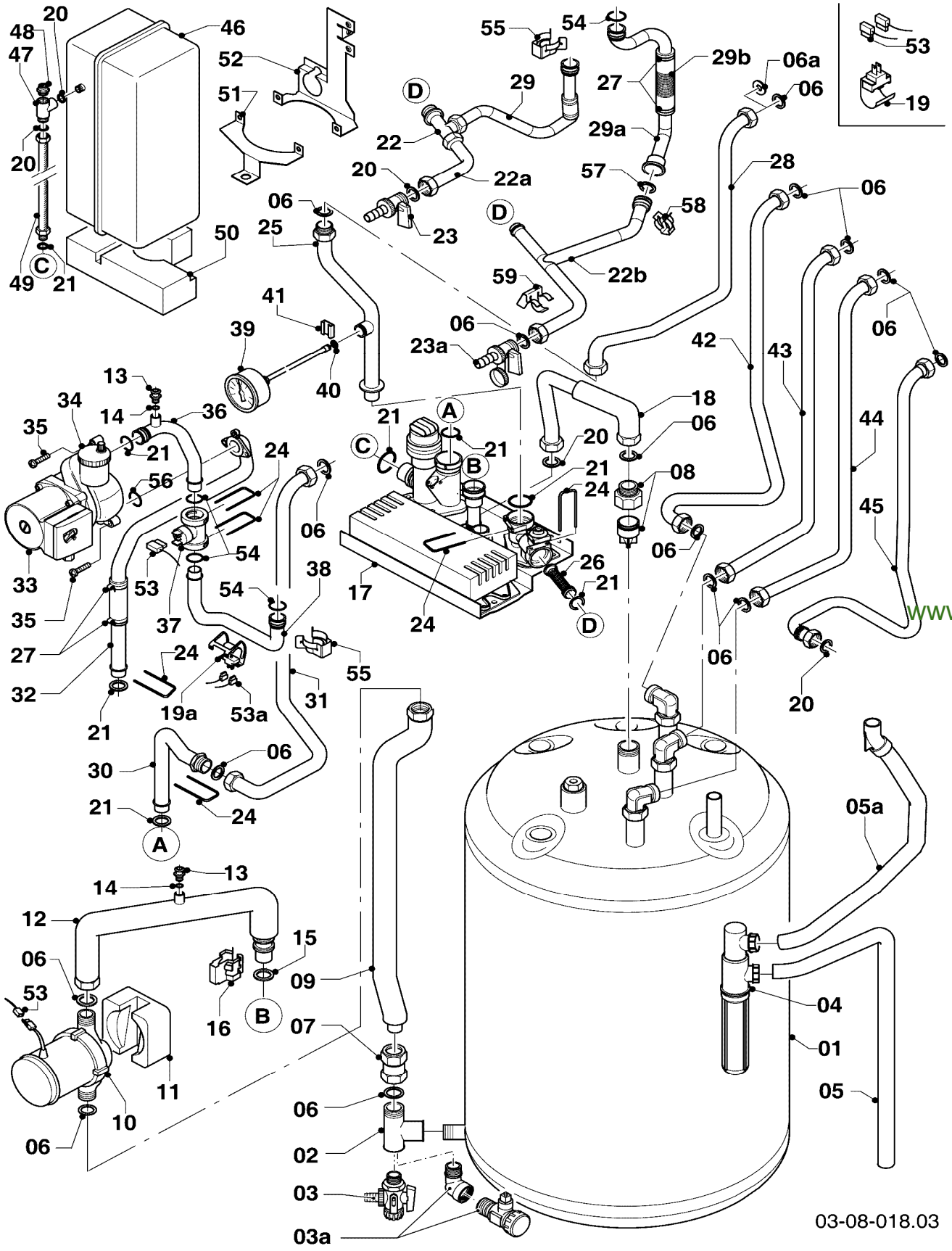
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulik

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# 08a Hydraulic parts - Hydraulik

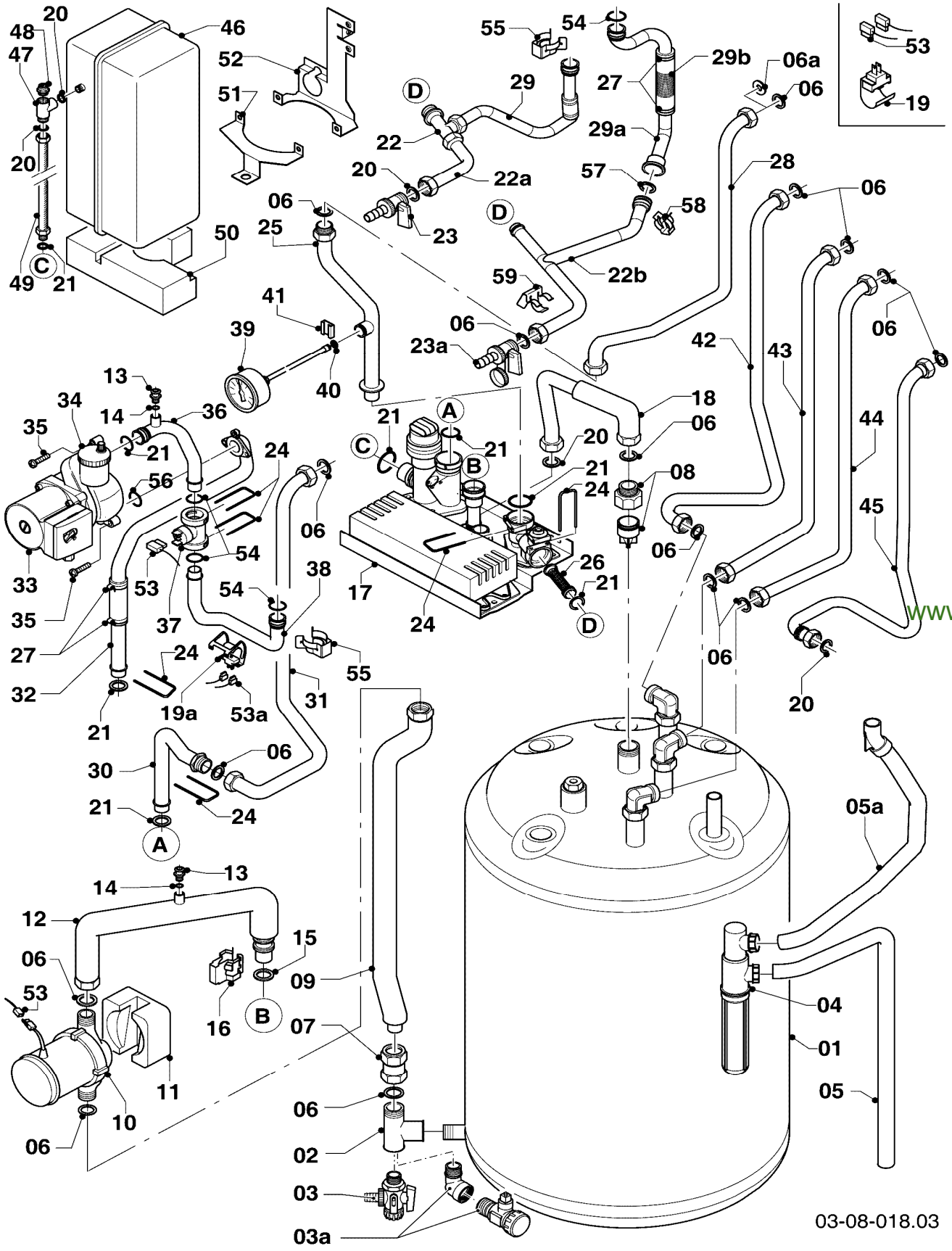
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 01 | 179057 | Boiler (150 l) | see main component 06b Storage water heater |
| | | Speicher (150 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 04 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 04 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 05a | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 06a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 09 | 0020038563 | Tube (with insulation) | with part 06 |
| | | Rohr (mit Isolierung) | mit Pos. 06 |
| 10 | 0020038578 | Pump | with part 06 |
| | | Pumpe (Ladepumpe) | mit Pos. 06 |
| 10 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 11 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 12 | 0020038579 | Tube (with insulation) | with parts 06, 13-16 |
| | | Rohr (mit Isolierung) | mit Pos. 06, 13-16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 0020038601 | Tube | |
| | | Rohr (mit Isolierung) | |
| 19 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 19a | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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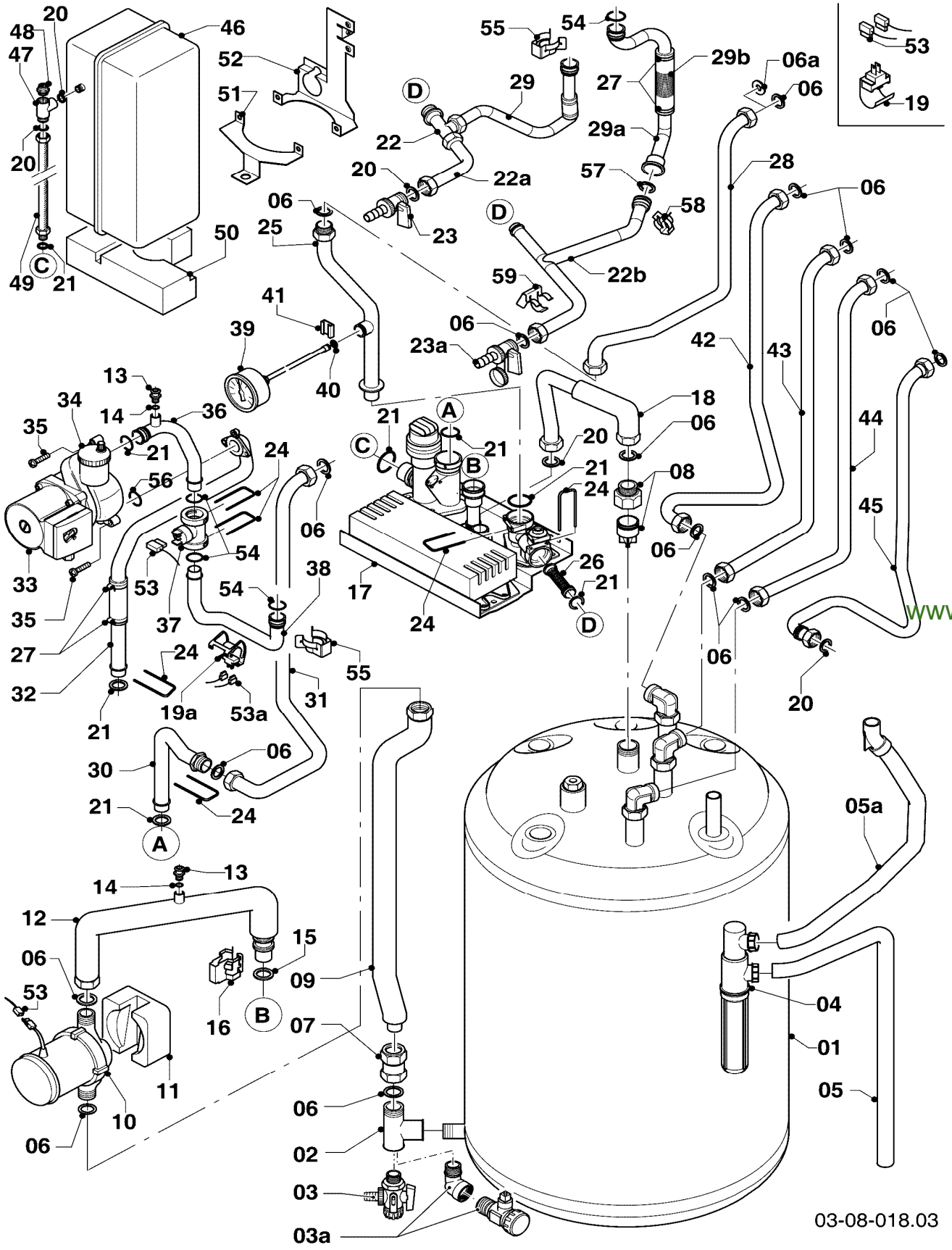
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22a | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22b | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| 23 | 179072 | Drain cock | old execution (with part 20) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 20) |
| 23a | 0020065827 | Valve (G 3/4) | new execution (with part 06) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 06) |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020038580 | Tube | with parts 06, 21, 24 |
| | | Rohr (Manometer) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 29a | 0020065825 | Tube 12/19/24 kW (kit) | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 29b | 080387 | Flexible tube | with part 27 |
| | | Schlauch | mit Pos. 27 |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020038575 | Tube | with parts 21, 24, 27, 56 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 21, 24, 27, 56 |
| 33 | 0020051969 | Pump (heating) | with parts 21, 34, 56 |
| | | Pumpe (Heizung) | mit Pos. 21, 34, 56 |
| 33 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 34 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 35 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 36 | 0020038574 | Tube (pump-sensor) | with parts 13, 14, 21, 24, 54 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 13, 14, 21, 24, 540 |
| 37 | 0020045923 | Sensor (Vortex) | with parts 24, 54 |
| | | Fühler (Vortex) | mit Pos. 24, 54 |
| 38 | 0020038576 | Tube | with parts 24, 54, 55 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 24, 54, 55 |

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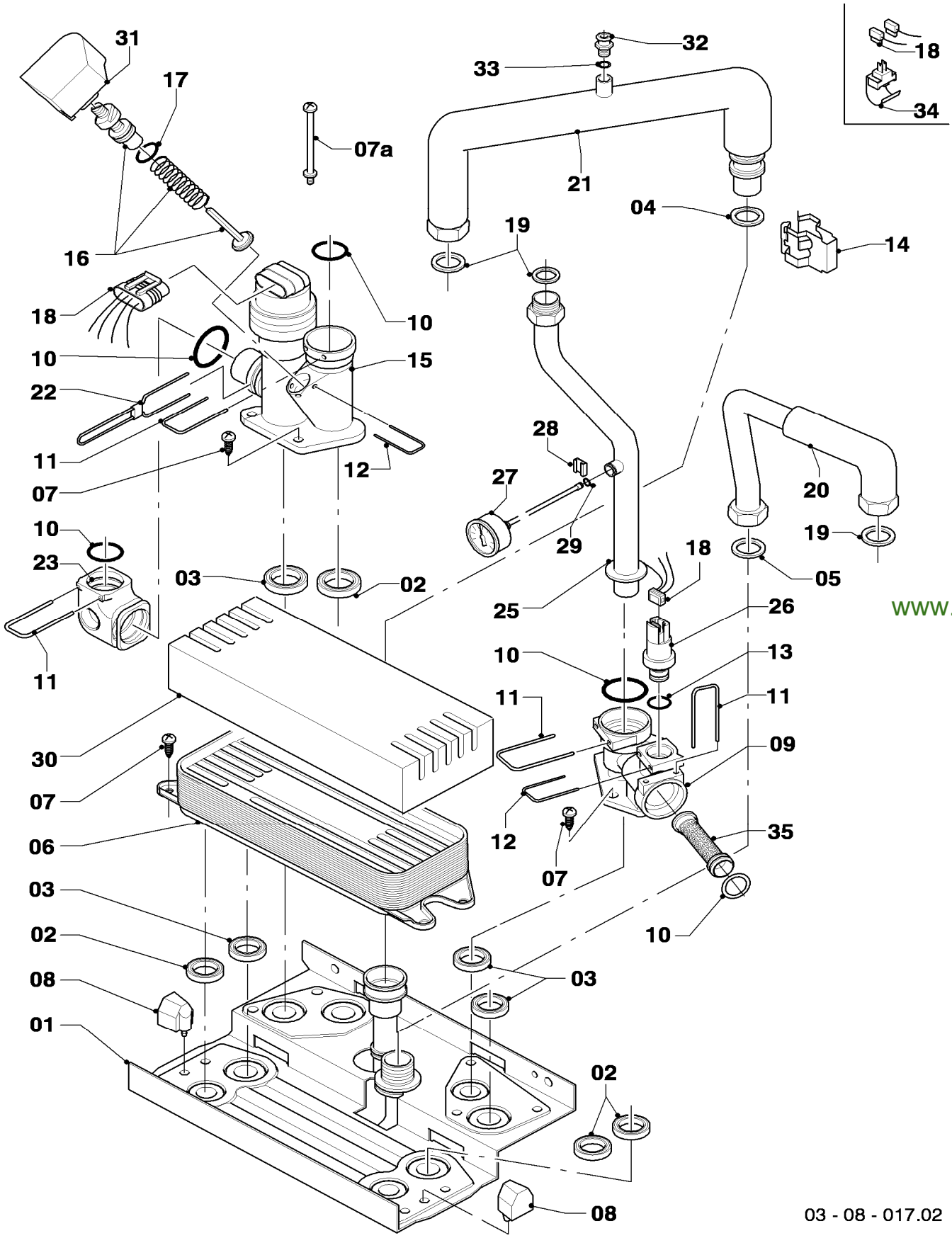
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 44 | 0020064686 | Plug | for appliances without circulation (not shown) |
| | | Stopfen | Verschluss Zirkulationsanschluss (nicht dargestellt) |
| 45 | 0020038607 | Tube (gas) | with parts 06, 20 |
| | | Rohr (Gas) | mit Pos. 06, 20 |
| 46 | 179048 | Expansion vessel 15 ltr. | with part 20 |
| | | Ausdehnungsgefäß 15 ltr. | mit Pos. 20 |
| 47 | 179049 | T-piece | with parts 20, 48 |
| | | T-Stück | mit Pos. 20, 48 |
| 48 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 49 | 179083 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 50 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 51-52 | - | - | not necessary / Position entfällt |
| 53 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 53a | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 54 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 55 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 56 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 57 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 58 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 59 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

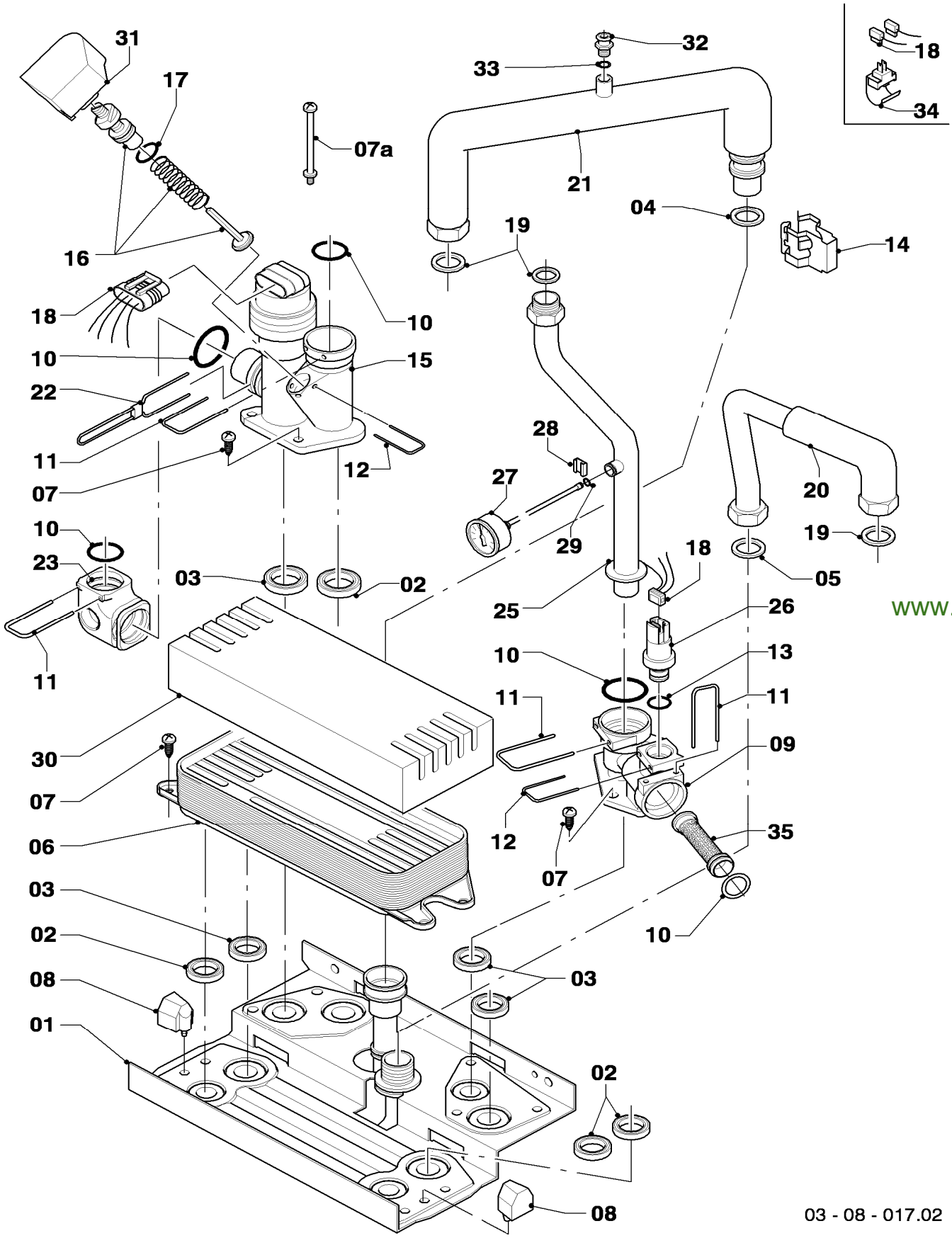
VSC INT 246/2-C 210

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

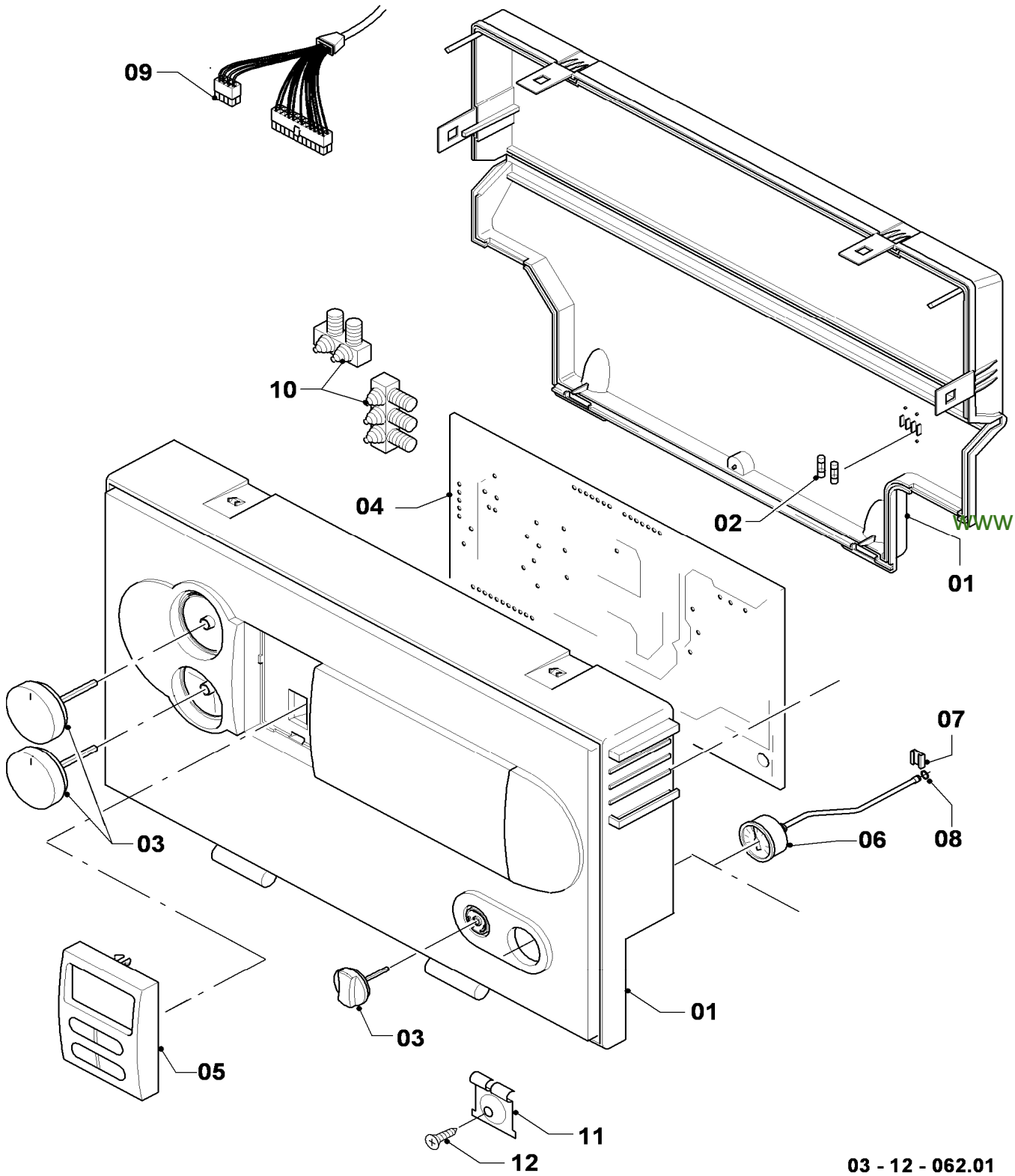
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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# 12 Control panel - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020038587 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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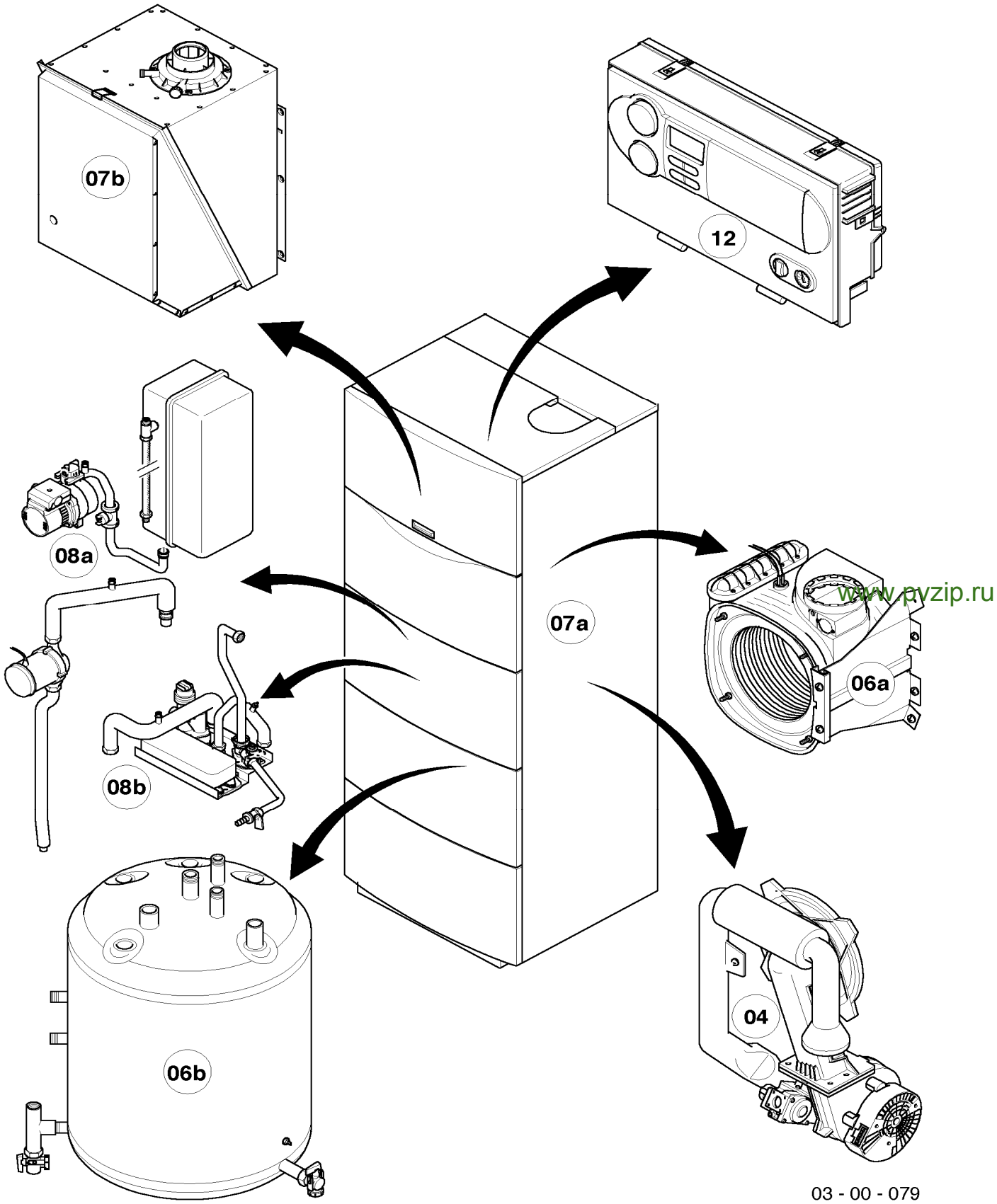
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# General view of sheet - Baugruppenübersicht

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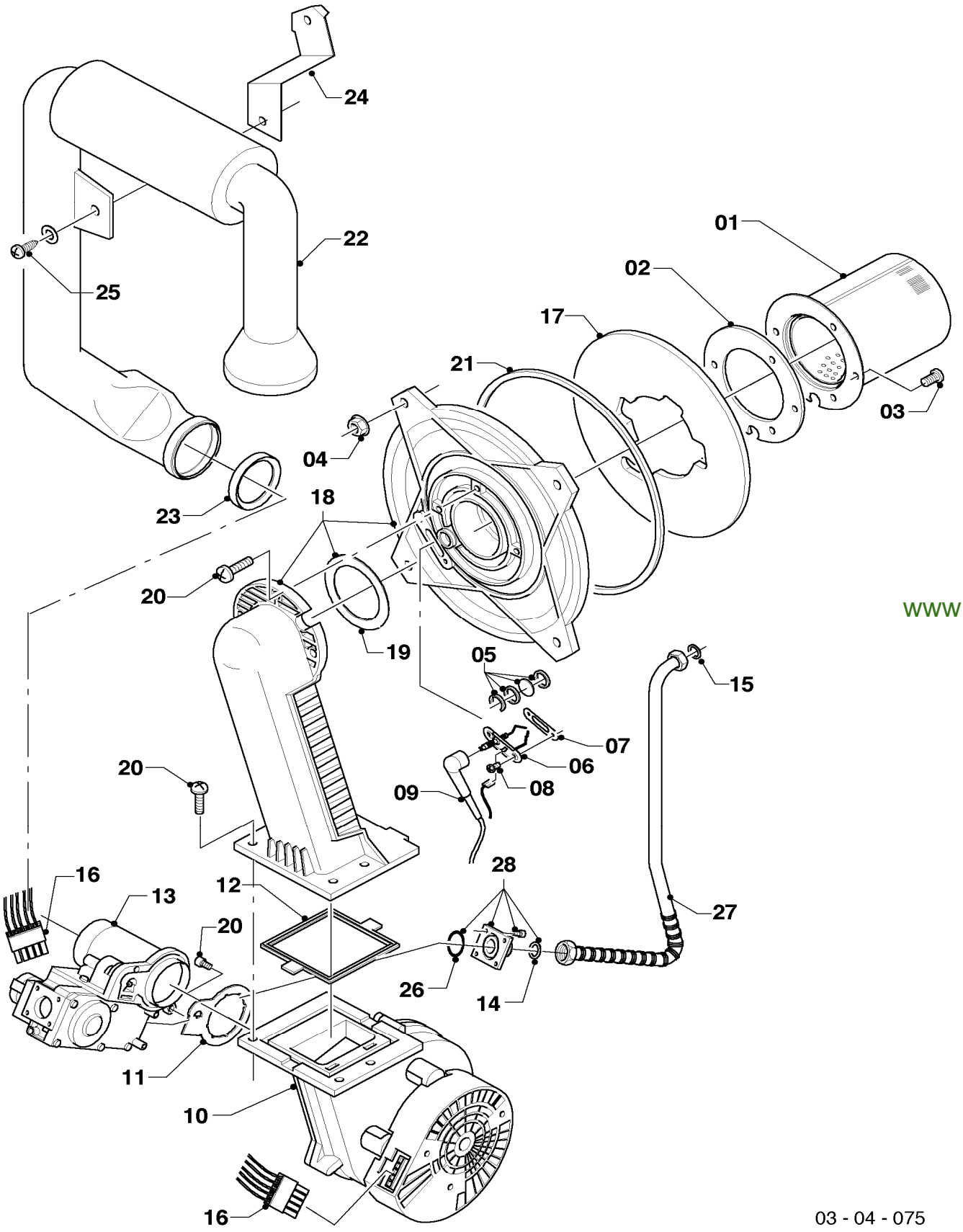



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## 04 Burner - Brenner

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# 04 Burner - Brenner

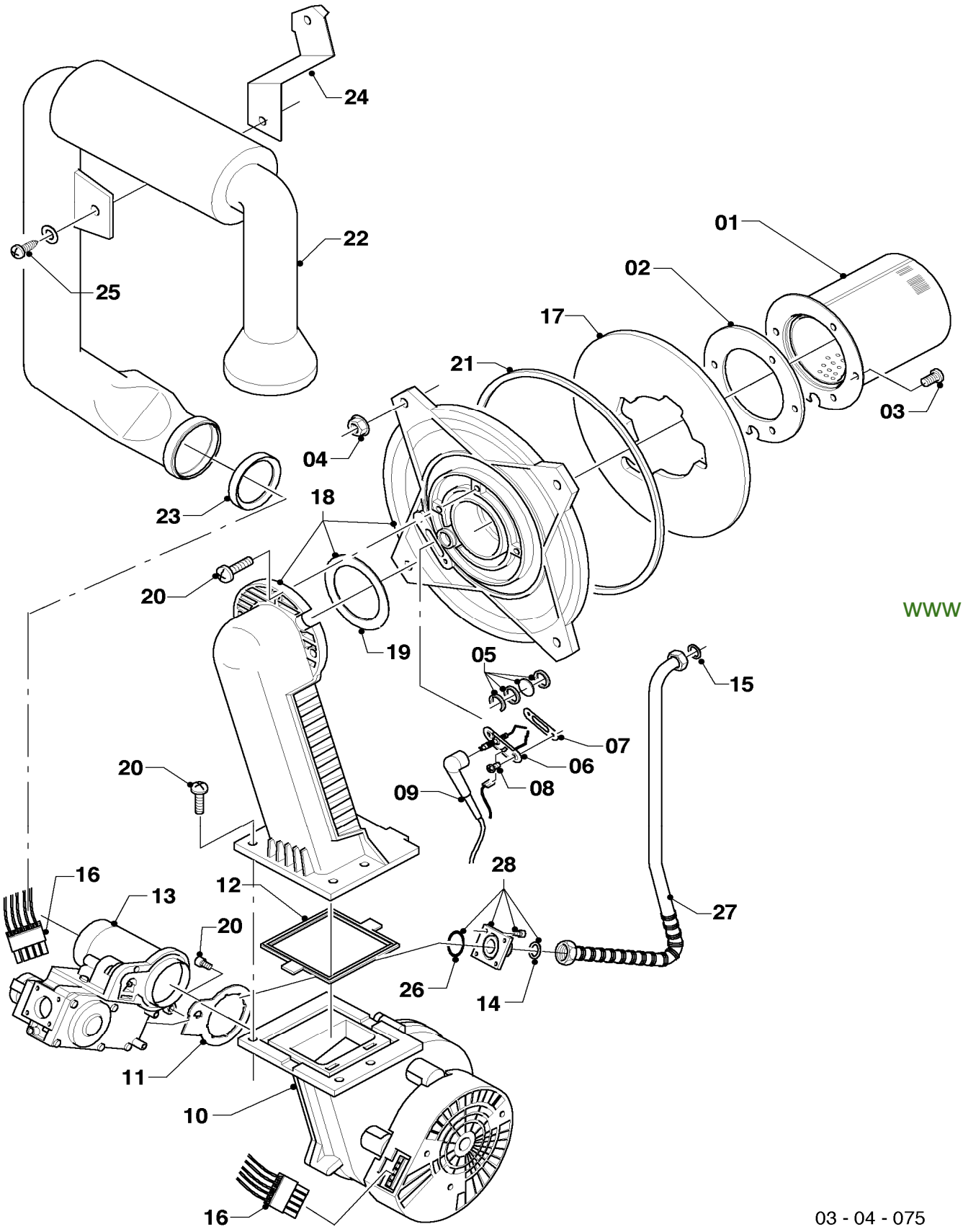
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 050430 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 053500 | Gas section | with parts 11, 14, 26 |
| | | Gasarmatur | mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |

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# 04 Burner - Brenner

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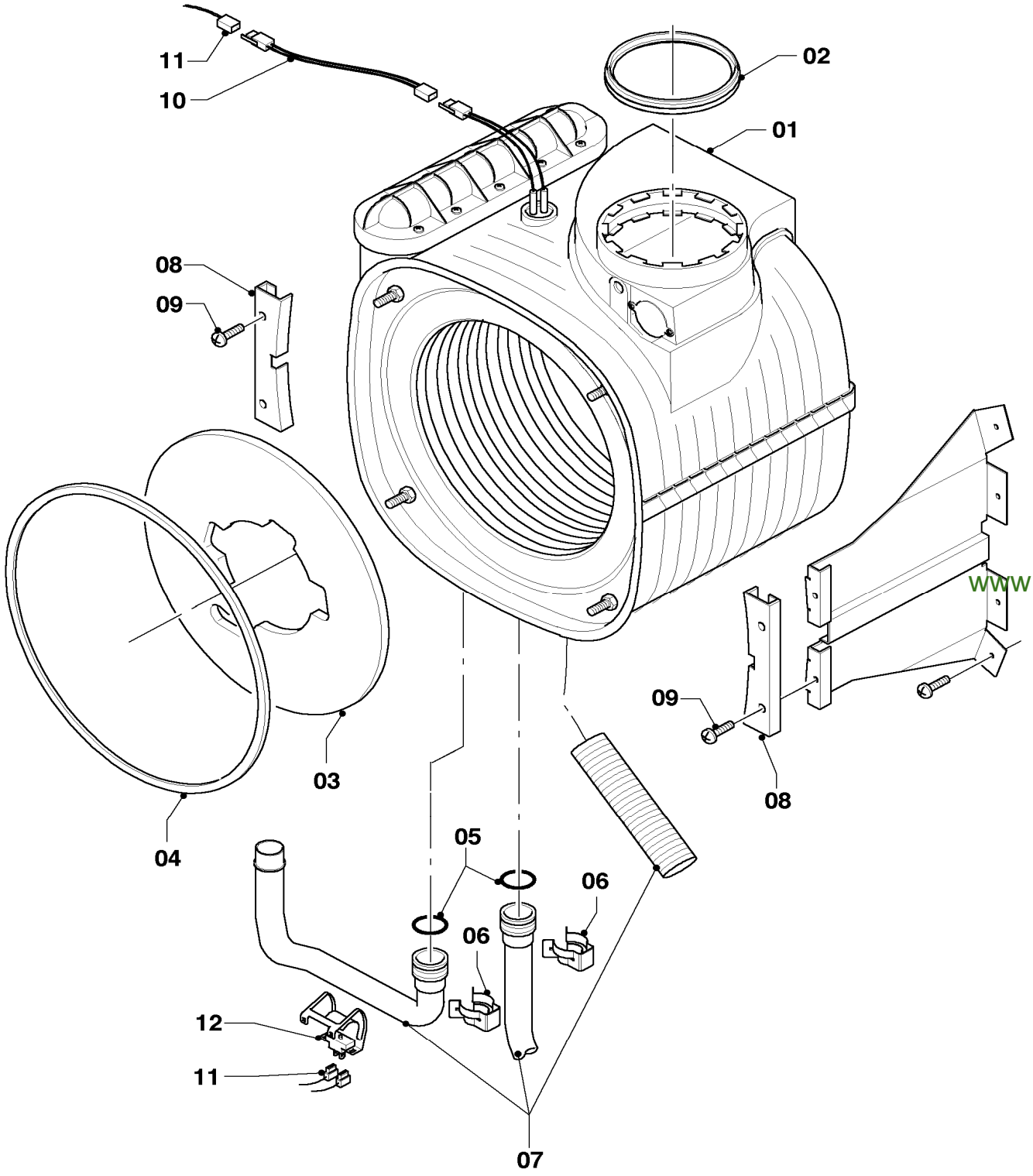
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 22 | 103404 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038607 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

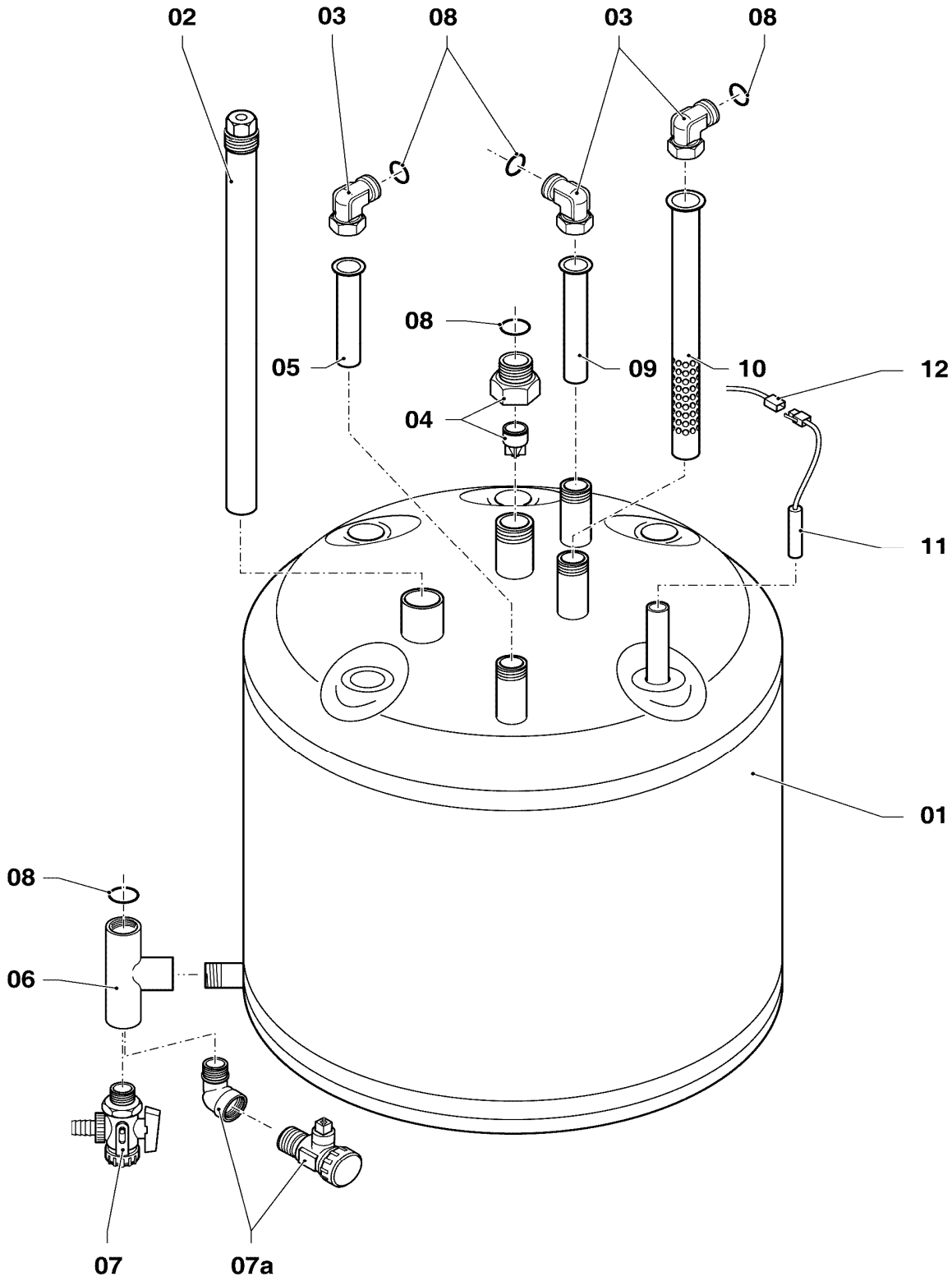
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018183 | Heat exchanger | with parts 02-06 |
| | | Wärmetauscher HW | mit Pos. 02-06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

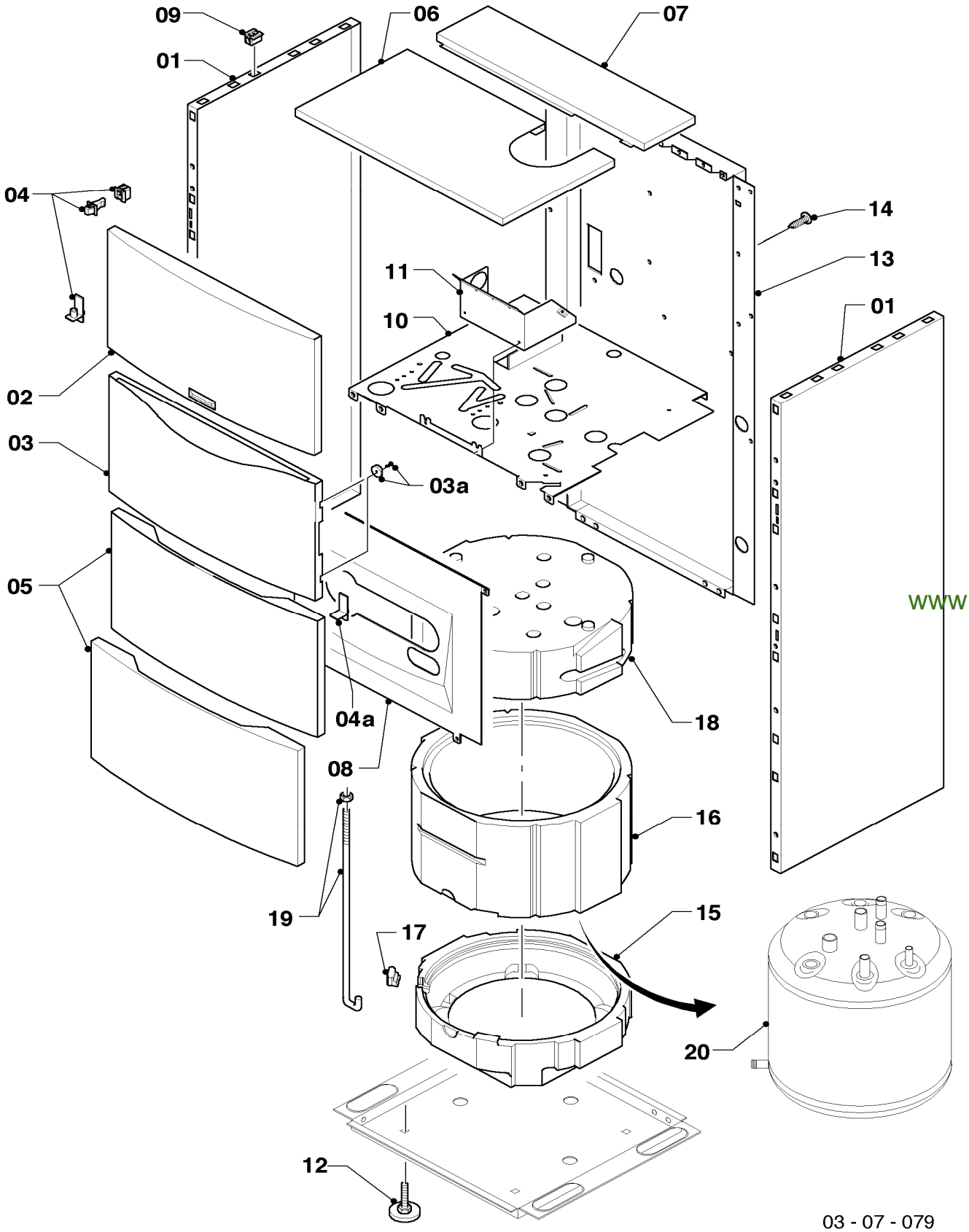
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-078 | |
| 01 | 0020018743 | Boiler (100 l) | |
| | | Speicher (100 l) | |
| 02 | 295821 | Anode (G1, L=315) | |
| | | Schutzanode (G1, L=315) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07 | - | - | please order pos. no. 07a / bitte Pos. 07a bestellen |
| 07a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020038613 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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## 07a Casing - Verkleidung

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# 07a Casing - Verkleidung

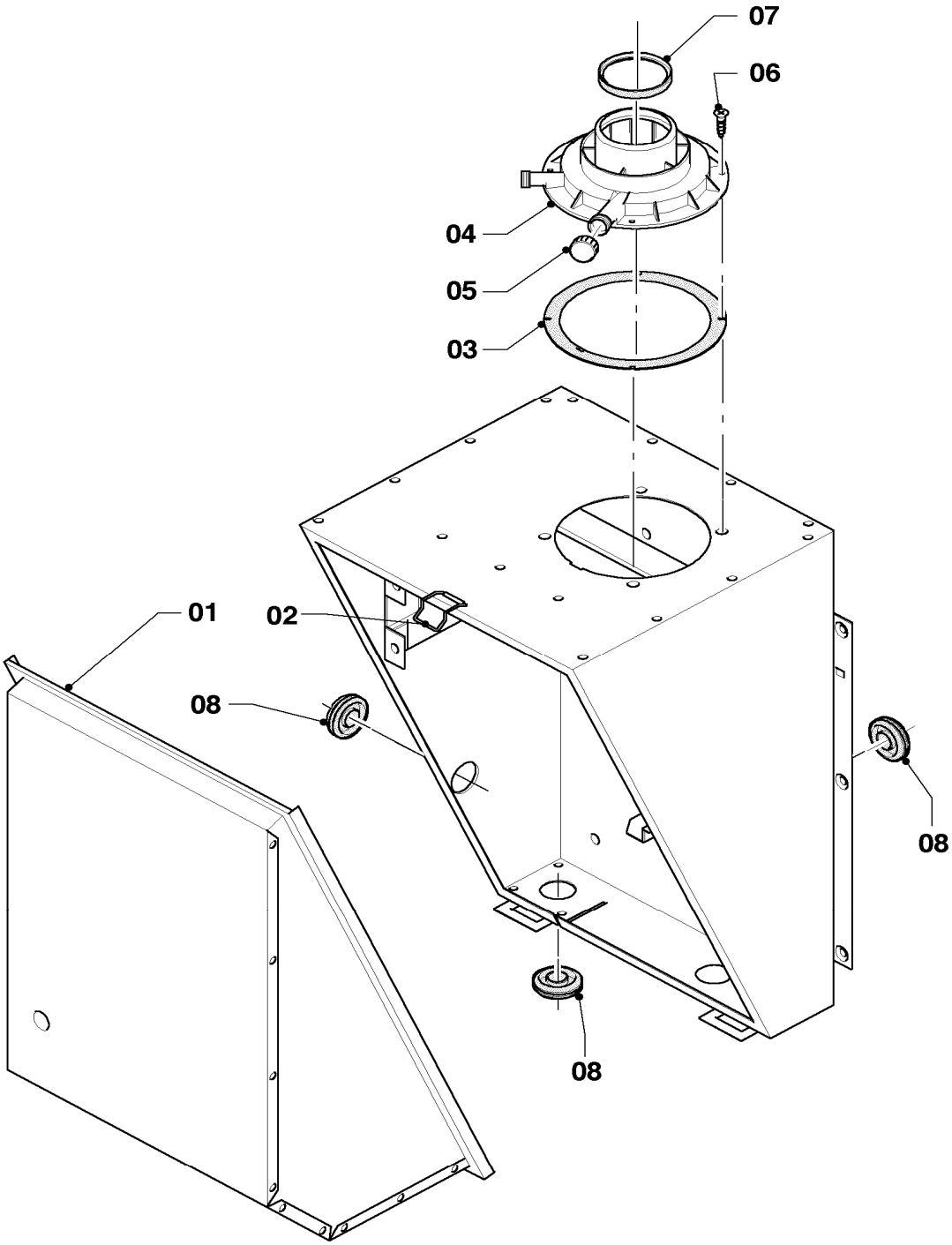
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-079 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038595 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 0020038561 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020038600 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16 | 0020038597 | Insulation, middle | |
| | | Isolierung, Mitte | |
| 17 | 0020038596 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 060304 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

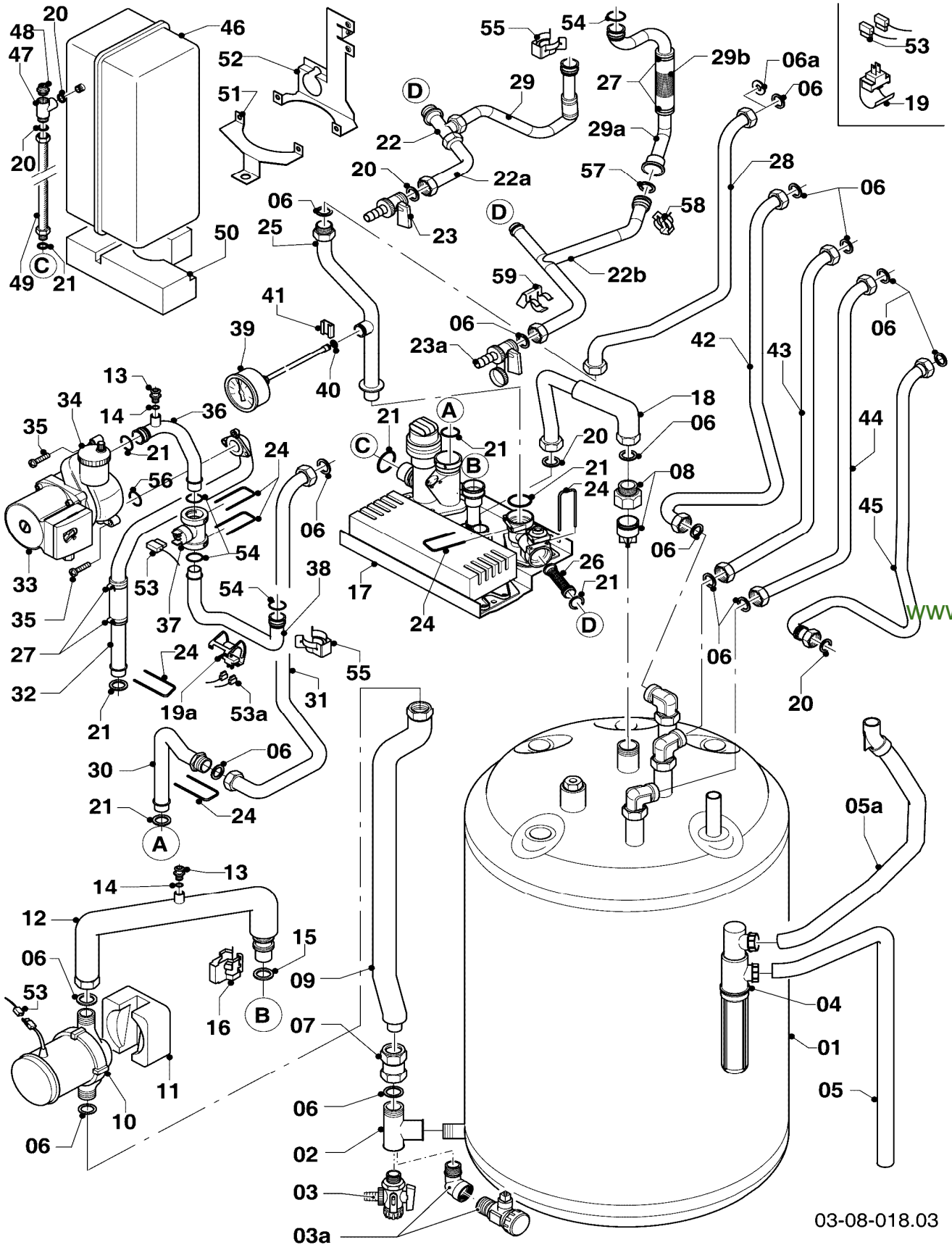
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulik

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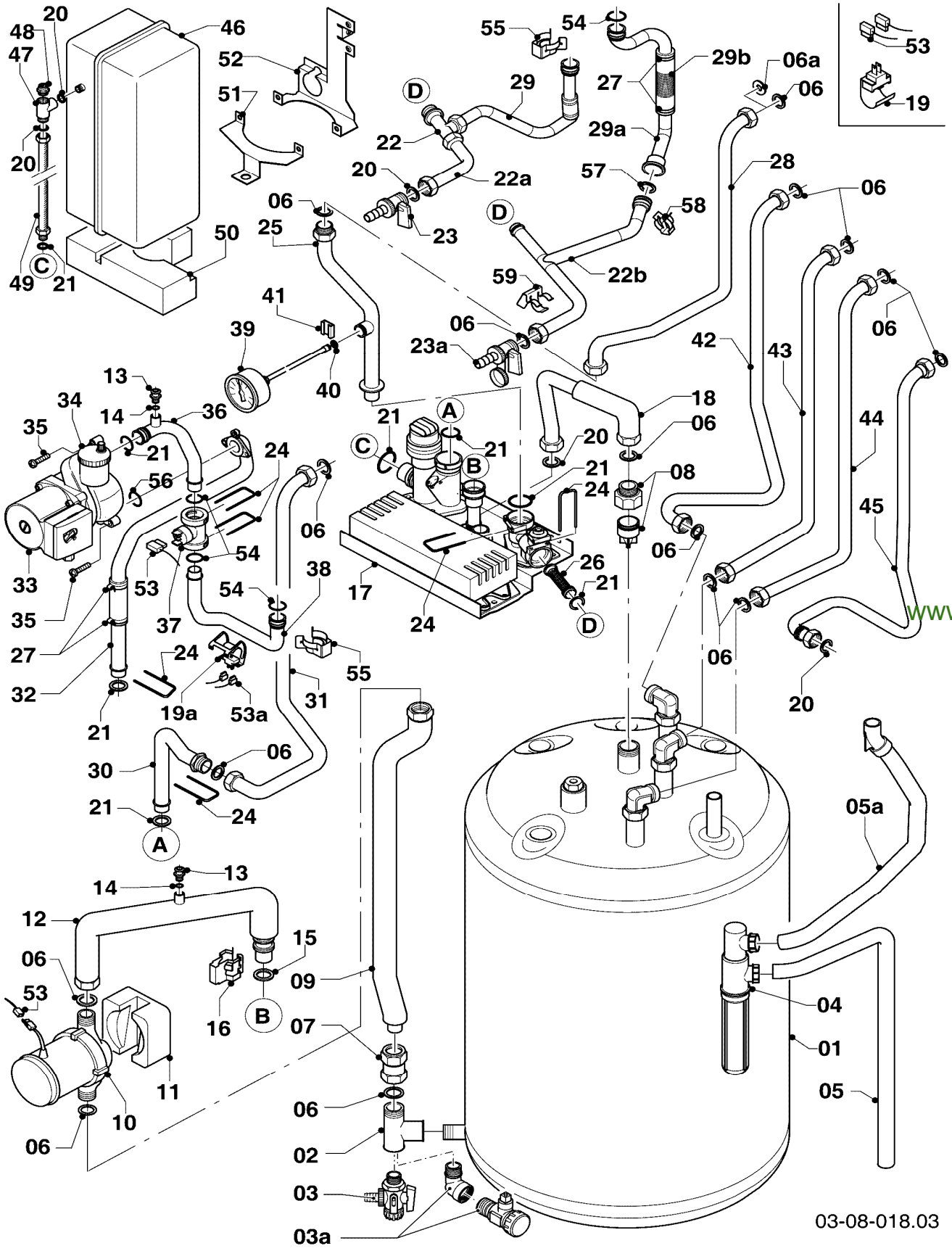
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 01 | 0020018743 | Boiler (100 l) | see main component 06b Storage water heater |
| | | Speicher (100 l) | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | - | - | please order pos. no. 03a / bitte Pos. 03a bestellen |
| 03a | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 04 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 04 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 05a | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 06a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 07 | 179069 | Compression fitting (G 3/4) | with part 06 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 06 |
| 08 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 09 | 0020038563 | Tube (with insulation) | with part 06 |
| | | Rohr (mit Isolierung) | mit Pos. 06 |
| 10 | 0020038578 | Pump | with part 06 |
| | | Pumpe (Ladepumpe) | mit Pos. 06 |
| 10 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 11 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 12 | 0020038579 | Tube (with insulation) | with parts 06, 13-16 |
| | | Rohr (mit Isolierung) | mit Pos. 06, 13-16 |
| 13 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 14 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 15 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 16 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 17 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 18 | 0020038601 | Tube | |
| | | Rohr (mit Isolierung) | |
| 19 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 19a | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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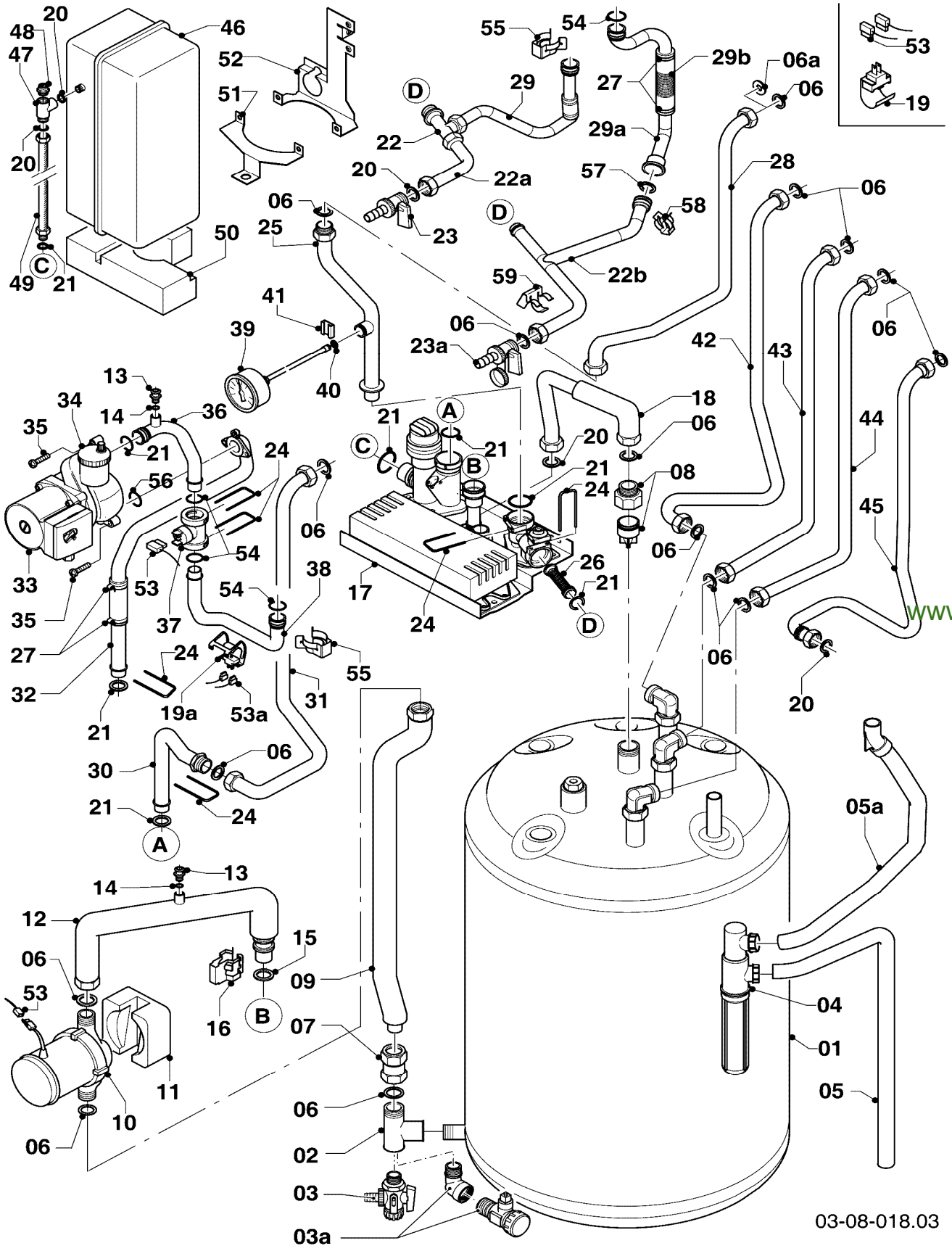
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 20 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 22 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22a | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 22b | 0020065826 | Tube 30 kW (kit) | with part 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| | | Rohr, PWT 30 kW (Set) | mit Pos. 06, 23a, 27, 29a/b, 54, 55, 57-59 |
| 23 | 179072 | Drain cock | old execution (with part 20) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 20) |
| 23a | 0020065827 | Valve (G 3/4) | new execution (with part 06) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 06) |
| 24 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 25 | 0020038580 | Tube | with parts 06, 21, 24 |
| | | Rohr (Manometer) | mit Pos. 06, 21, 24 |
| 26 | 179030 | Filter | |
| | | Sieb | |
| 27 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 28 | 0020029695 | Tube | with parts 06, 21, 24 |
| | | Rohr | mit Pos. 06, 21, 24 |
| 29 | - | - | no longer available, replaced by pict. no. 22b/29a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 22b/29a |
| 29a | 0020065826 | Tube 30 kW (kit) | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Rohr, PWT 30 kW (Set) | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 29b | 080387 | Flexible tube | with part 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| | | Schlauch | mit Pos. 06, 22b, 23a, 27, 29b, 54, 55, 57-59 |
| 30 | 0020069076 | Tube | with parts 06, 21, 24, 31 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 31 |
| 31 | 0020069076 | Tube | with parts 06, 21, 24, 30 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 06, 21, 24, 30 |
| 32 | 0020038575 | Tube | with parts 21, 24, 27, 56 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 21, 24, 27, 56 |
| 33 | 0020051996 | Pump (heating) | with parts 21, 34, 56 |
| | | Pumpe (Heizung) | mit Pos. 21, 34, 56 |
| 33 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 34 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 35 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 36 | 0020038574 | Tube (pump-sensor) | with parts 13, 14, 21, 24, 54 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 13, 14, 21, 24, 540 |
| 37 | 0020045923 | Sensor (Vortex) | with parts 24, 54 |
| | | Fühler (Vortex) | mit Pos. 24, 54 |
| 38 | 0020038576 | Tube | with parts 24, 54, 55 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 24, 54, 55 |

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# 08a Hydraulic parts - Hydraulik

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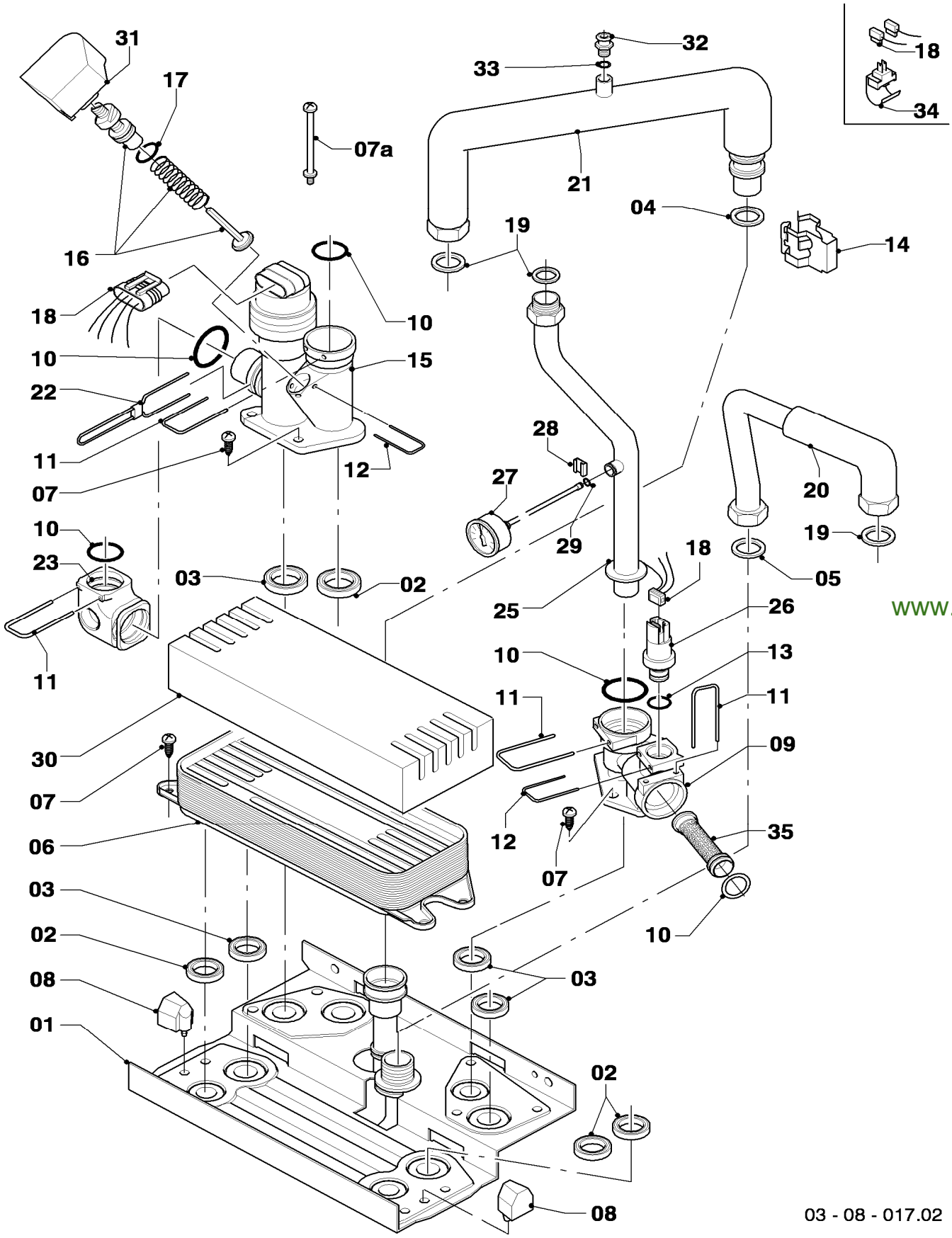
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-018 | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 083997 | Warm water tube | with part 06 |
| | | Rohr (WW-Ausgang Speicher) | mit Pos. 06 |
| 43 | 083537 | Cold water tube | with part 06 |
| | | Rohr (Kaltwasserzul. Speicher) | mit Pos. 06 |
| 44 | 111924 | Tube | with part 06 |
| | | Rohr (Zirkulation) | mit Pos. 06 |
| 44 | 0020064686 | Plug | for appliances without circulation (not shown) |
| | | Stopfen | Verschluss Zirkulationsanschluss (nicht dargestellt) |
| 45 | 0020038607 | Tube (gas) | with parts 06, 20 |
| | | Rohr (Gas) | mit Pos. 06, 20 |
| 46 | 179048 | Expansion vessel 15 ltr. | with part 20 |
| | | Ausdehnungsgefäß 15 ltr. | mit Pos. 20 |
| 47 | 179049 | T-piece | with parts 20, 48 |
| | | T-Stück | mit Pos. 20, 48 |
| 48 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 49 | 179083 | Flexible hose (expansion vessel) | with parts 20, 21 |
| | | Schlauch (flexibel für ADG) | mit Pos. 20, 21 |
| 50 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 51 | 0020038584 | Support (expansion vessel) | |
| | | Halter (ADG, vorne) | |
| 52 | 0020038585 | Support (expansion vessel) | |
| | | Halter (ADG, hinten) | |
| 53 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 53a | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 54 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 55 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 56 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 57 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 58 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 59 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

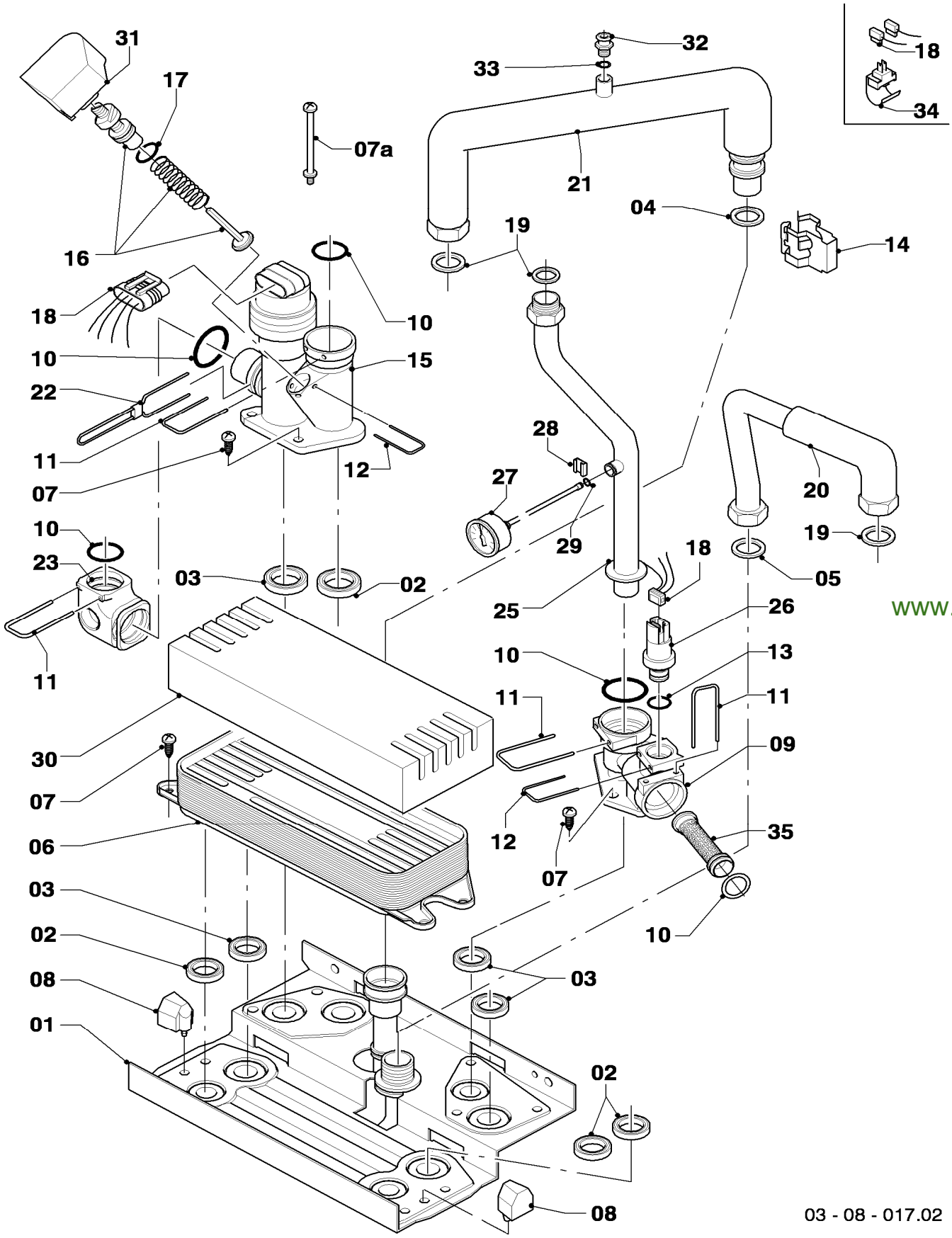
VSC INT 306/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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# 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

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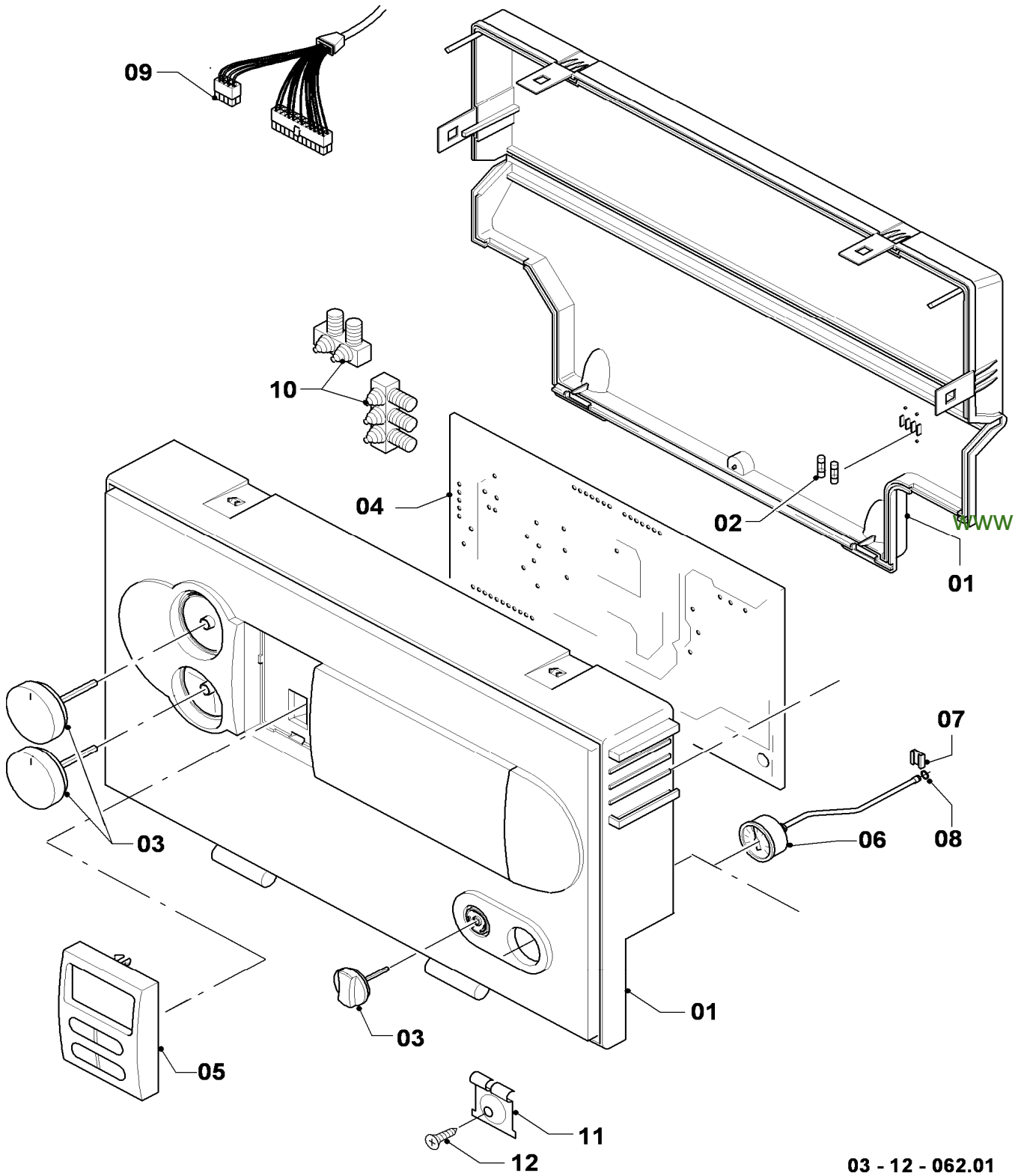
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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# 12 Control panel - Schaltkasten

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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020038587 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 05 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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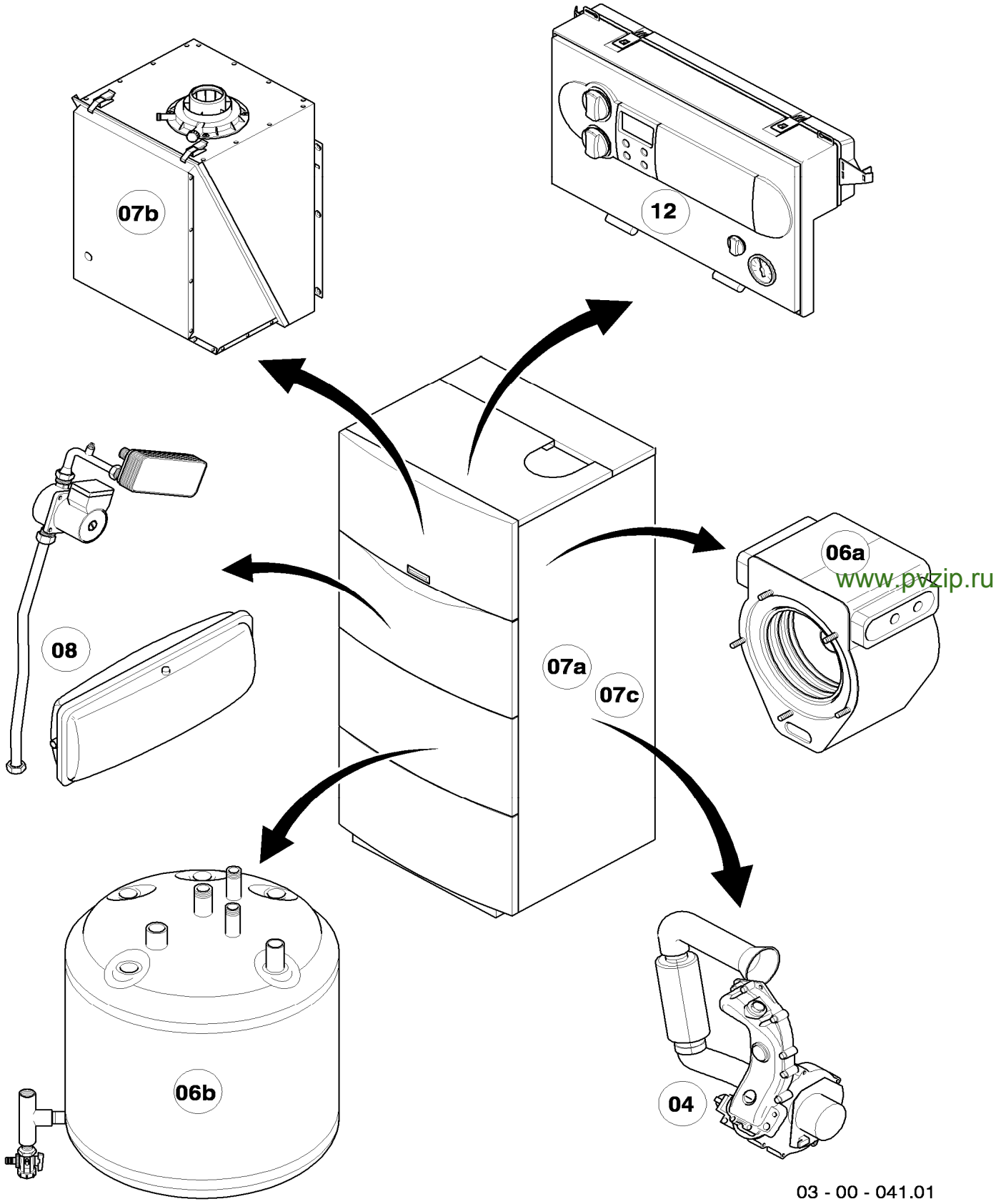
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# General view of sheet - Baugruppenübersicht

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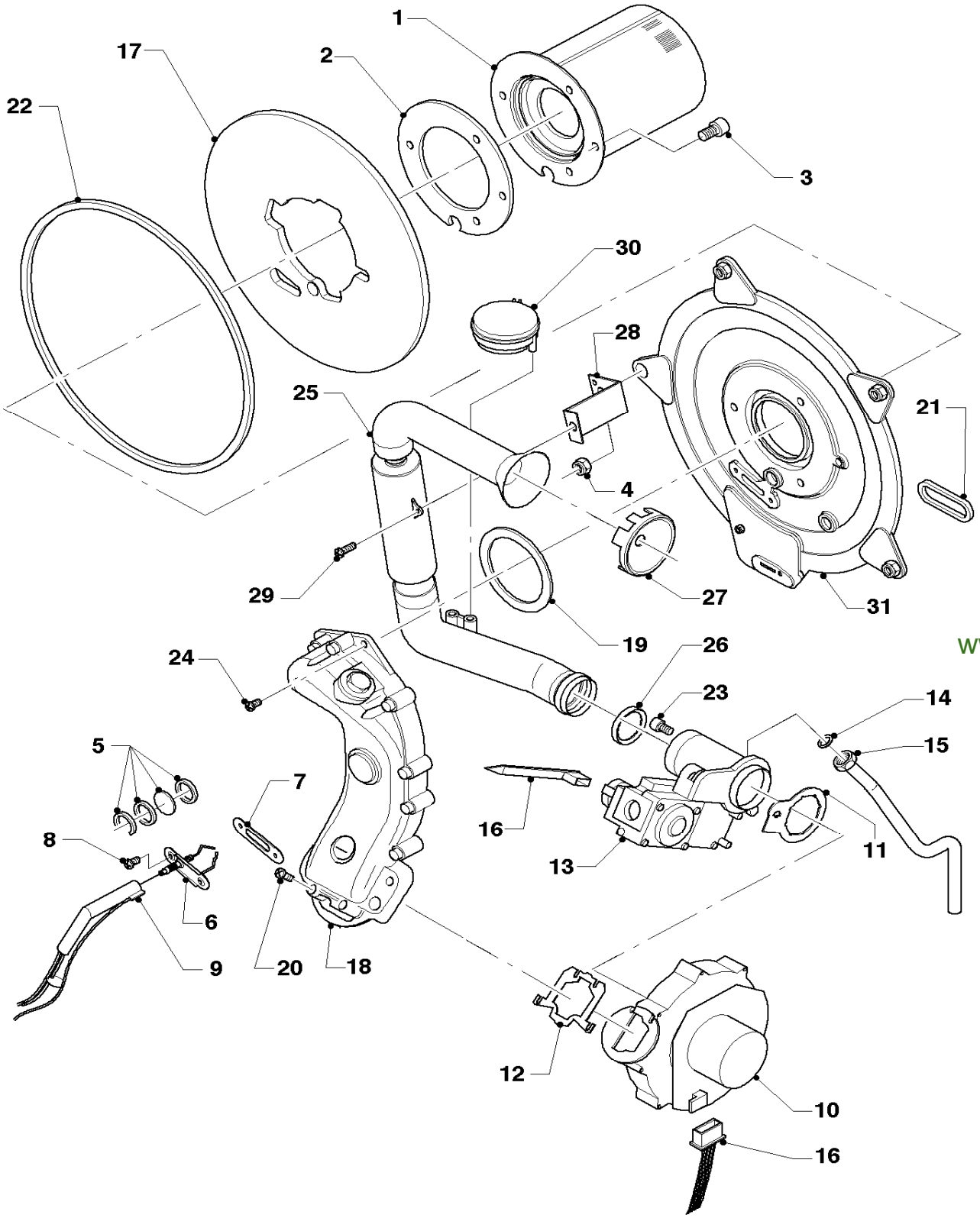



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# 04 Burner - Brenner

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# 04 Burner - Brenner

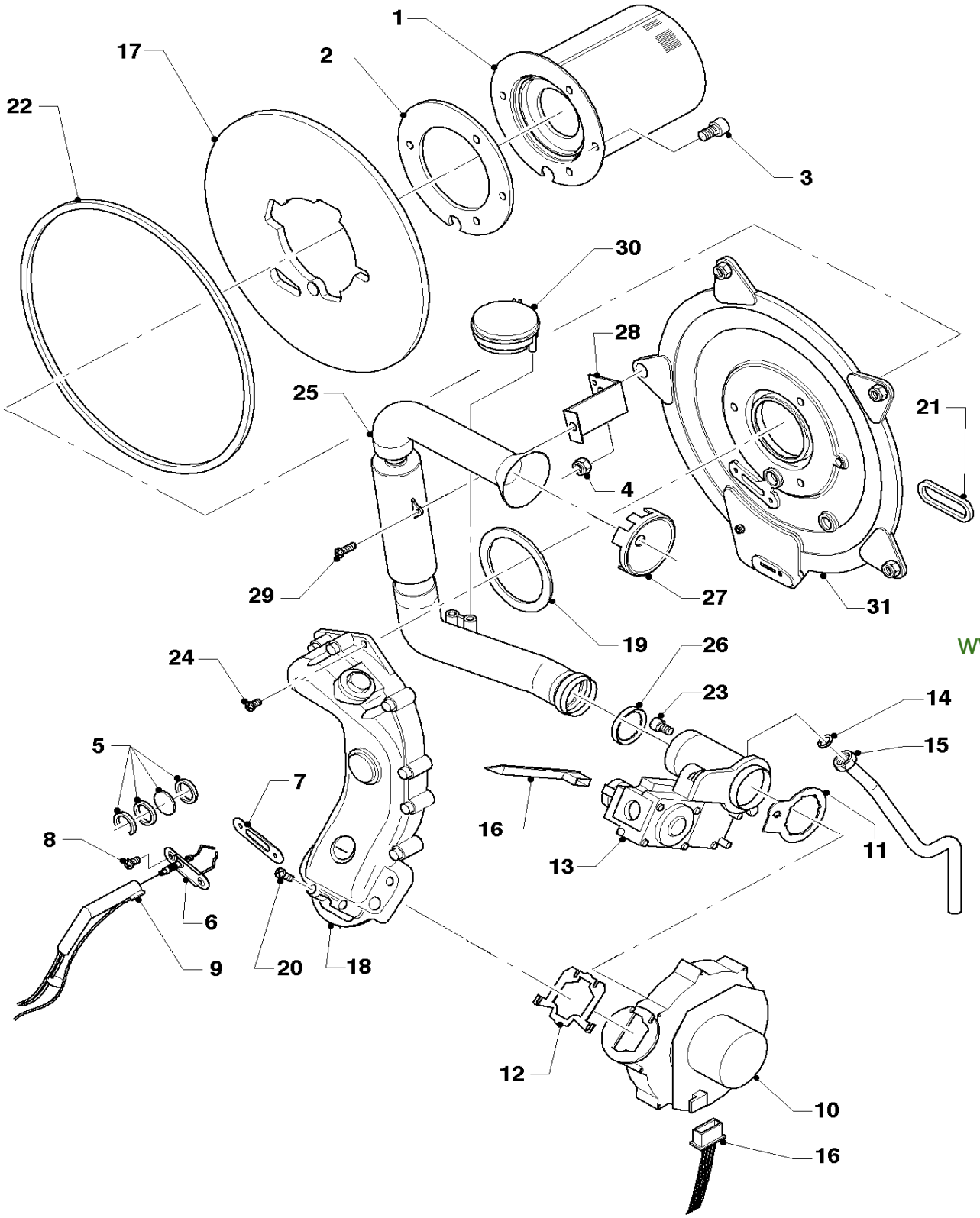
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 00 | 202011 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 202012 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 01 | 049324 | Burner | with parts 02, 03 |
| | | Brenner | mit Pos. 02, 03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 091552 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 190235 | Fan | with parts 11, 12, 23 |
| | | Gebläse | mit Pos. 11, 12, 23 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 981045 | Gasket kit | |
| | | Dichtungssatz | |
| 13 | 053470 | Gas section | with parts 11, 14 |
| | | Gasarmatur | mit Pos. 11, 14 |
| 13 | 0020038598 | Adapter (gas section) | not shown |
| | | Adapter (Gasanschluss) | nicht dargestellt |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 123481 | Gas connection tube | |
| | | Gasrohr | |
| 16 | 117207 | Cable tree | |
| | | Kabelbaum | |
| 17 | 210734 | Insulation | with parts 02, 03 |
| | | Isolierplatte | mit Pos. 02, 03 |
| 18 | 116688 | Air gas mixing tube | with parts 12, 19 |
| | | Krümmer | mit Pos. 12, 19 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 105836 | Cylinder screw (PK4) | |
| | | Zylinderschraube (4 St.) | |
| 21 | 0020025929 | Gasket kit | with part 22 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 22 |

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## 04 Burner - Brenner

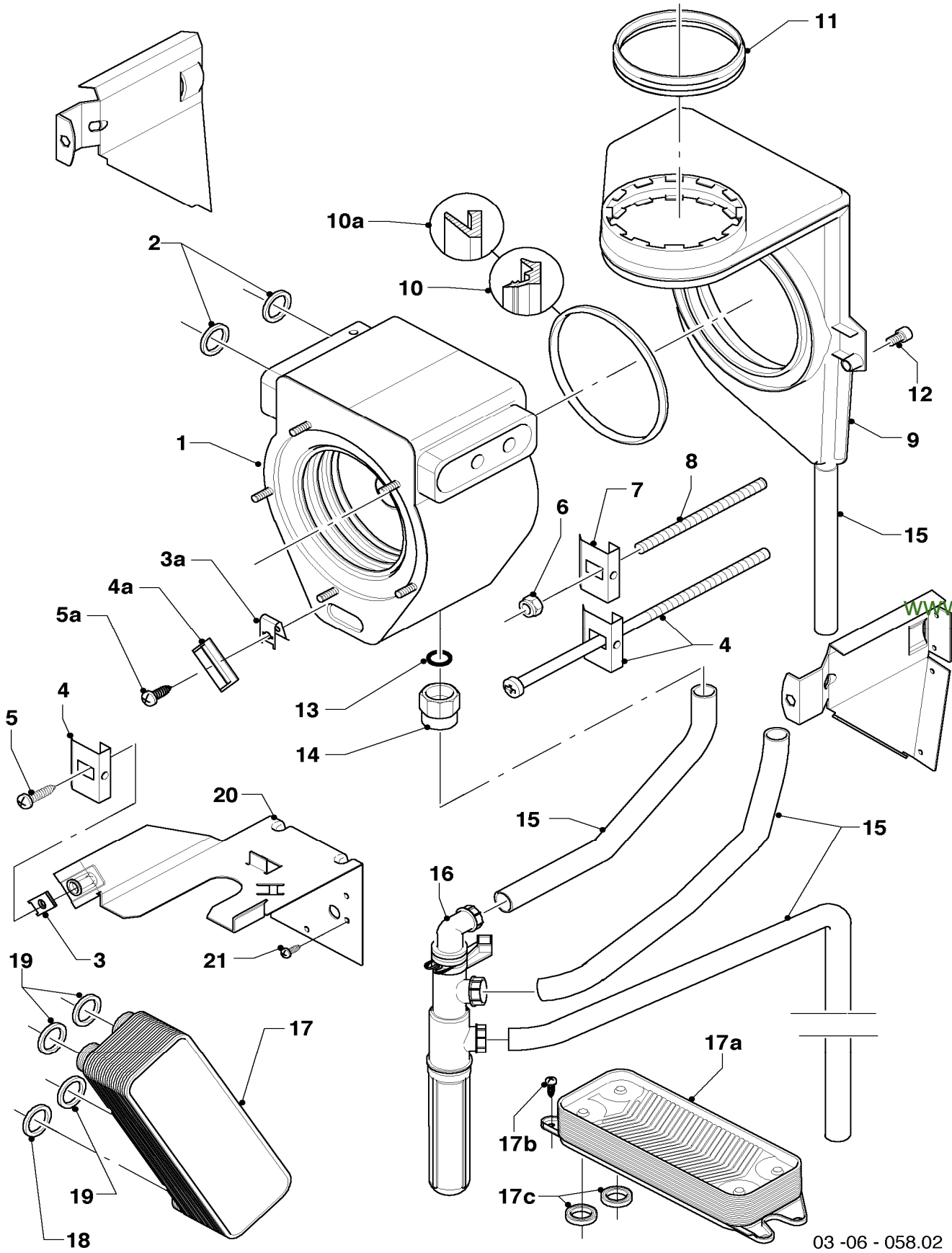
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 02-04-031 | |
| 22 | 0020025929 | Gasket kit | with part 21 |
| | | Dichtungssatz (Brennerflansch) | mit Pos. 21 |
| 23 | 139247 | Screw | |
| | | Schraube (M5x12) | |
| 24 | 118882 | Flat head screw | |
| | | Flachkopfschraube | |
| 25 | 145829 | Air inlet pipe | with part 26 |
| | | Frischluftrohr | mit Pos. 26 |
| 26 | 981111 | Gasket | |
| | | Dichtung | |
| 27 | - | - | not necessary / Position entfällt |
| 28 | 087195 | Bracket, Air Inlet Pipe | |
| | | Halter, Frischluftrohr | |
| 29 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 30 | - | - | not necessary / Position entfällt |
| 31 | 088134 | Flange | with parts 02-05, 07-08, 17, 19, 21-22 |
| | | Flansch | mit Pos. 02-05, 07-08, 17, 19, 21-22 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

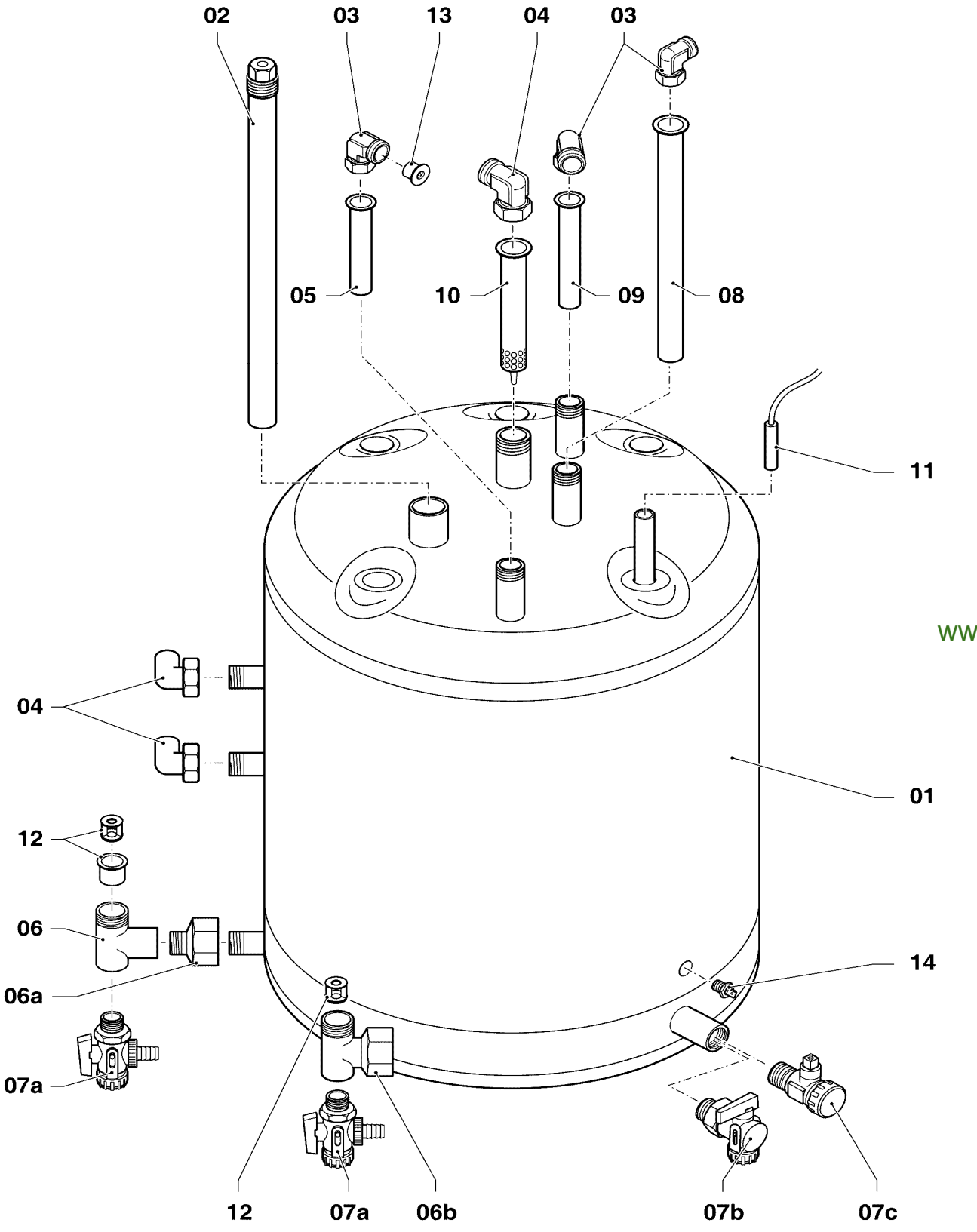
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-058 | |
| 01 | 065113 | Heat exchanger | with parts 02, 10 |
| | | Wärmetauscher HW | mit Pos. 02, 10 |
| 01 | 210779 | Insulation of bottom exchanger 10 mm | for heat exchanger (not shown) |
| | | Isolierplatte 10 mm | für Wärmetauscher (nicht dargestellt) |
| 02 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 03 | 158211 | Snap nut 6,3 | |
| | | Schnappmutter, 6,3 | |
| 03a | - | - | not necessary / Position entfällt |
| 04 | 111992 | Support | with parts 03, 05 |
| | | Halter | mit Pos. 03, 05 |
| 04a | - | - | not necessary / Position entfällt |
| 05 | 235738 | Screw | |
| | | Blechschraube | |
| 05a | - | - | not necessary / Position entfällt |
| 06-08 | - | - | not necessary / Position entfällt |
| 09 | 076560 | Flue collector cap | with parts 10-11 |
| | | Abgassammler | mit Pos. 10-11 |
| 10 | 981306 | Gasket | |
| | | Dichtung (PWT-Abgassammler) | |
| 10a | - | - | not necessary / Position entfällt |
| 11 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 12 | 118885 | Flat head screw | |
| | | Flachkopfschraube | |
| 13 | 982409 | O-ring | |
| | | O-Ring | |
| 14 | 081687 | Connection piece (condensate trap) | |
| | | Anschlußstück (Siphon) | |
| 15 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 16 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 16 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 16 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 17 | 065111 | Heat exchanger dhw (12 plates) | with parts 18-19 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 18-19 |
| 17 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 18-19 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 18-19 |
| 17a-c | - | - | not necessary / Position entfällt |
| 18 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 19 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 20 | 111994 | Console | with parts 03, 21 |
| | | Konsole | mit Pos. 03, 21 |
| 21 | 235740 | Tapping screw ISO 7049 | |
| | | Blechschraube ISO 7049 | |

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## 06b Storage water heater - Warmwasserspeicher

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# 06b Storage water heater - Warmwasserspeicher

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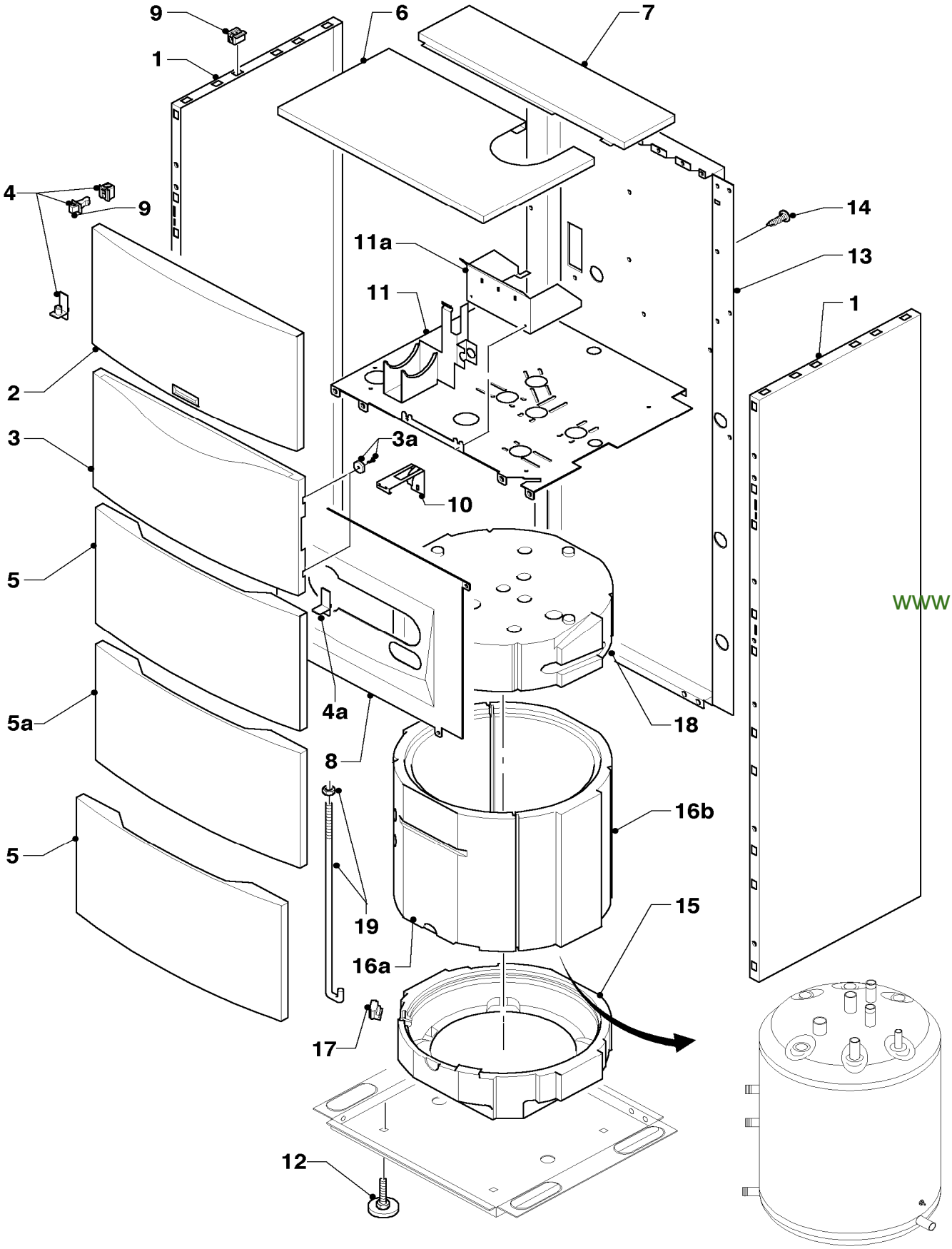
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-072 | |
| 01 | 117229 | Boiler | |
| | | Speicher | |
| 02 | 0020078910 | Anode (G1, L=642) | |
| | | Anode (G1, L=642) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | - | - | not necessary / Position entfällt |
| 06a | - | - | not necessary / Position entfällt |
| 06b | 0020013482 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07a | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 07b | - | - | please order pos. no. 07c / bitte Pos. 07c bestellen |
| 07c | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 117214 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 184107 | Distributor tube | |
| | | Verteilerrohr (Kunststoff) | |
| 11 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 12 | 117232 | Valve (CS015) | |
| | | Ventil (CS015) | |
| 13 | 117230 | Valve (FI 010) | |
| | | Ventil (FI 010) | |
| 14 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |

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## 07a Casing - Verkleidungsteile

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# 07a Casing - Verkleidungsteile

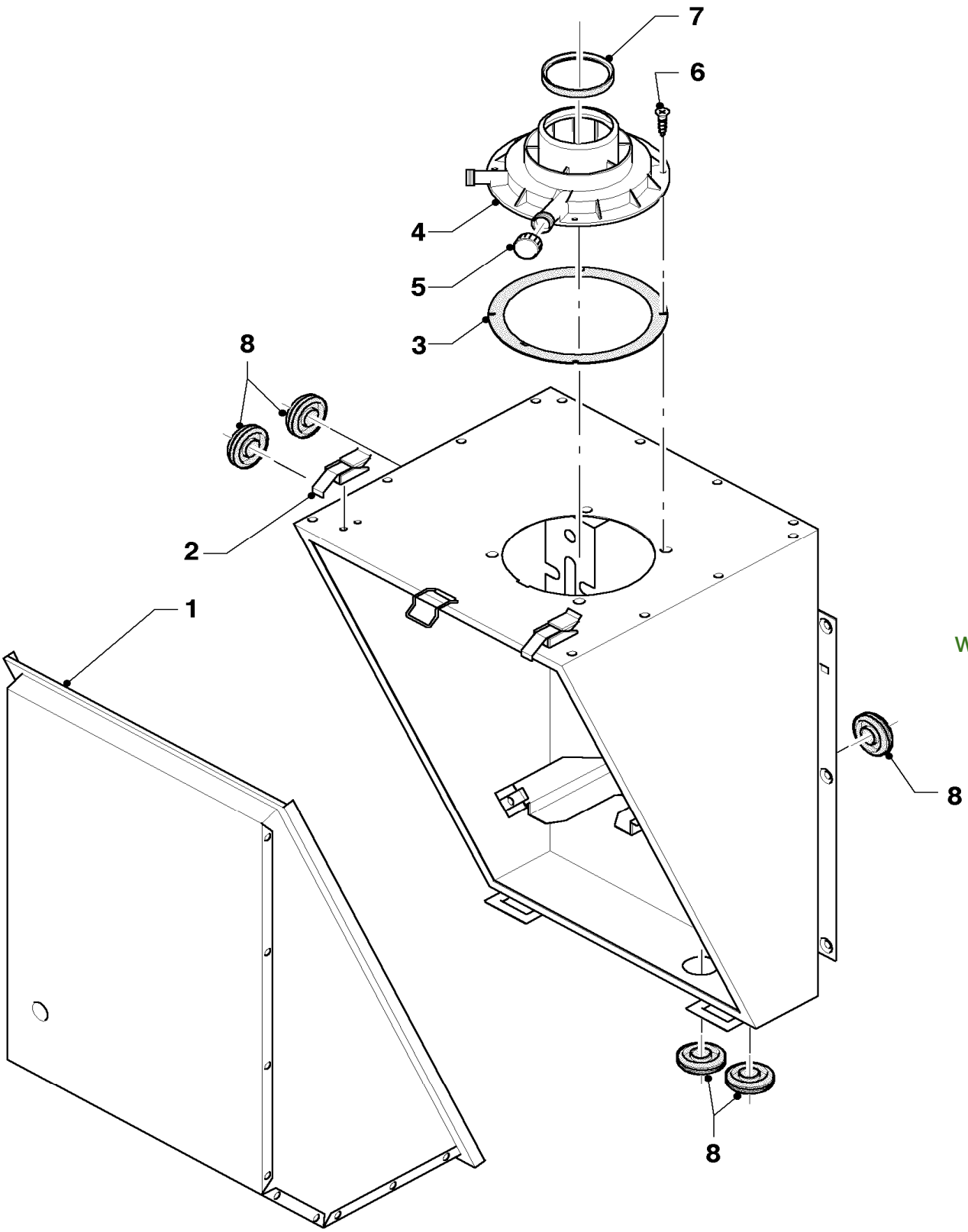
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| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-069 | |
| 01 | 117228 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | with fixing screws |
| | | Magnet f. Blende (2 St.) | mit Befestigungsschrauben |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 05a | 117201 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 297930 | Top plate front | |
| | | Mantelblech (oben vorne) | |
| 07 | 297931 | Top plate (rear) | |
| | | Mantelblech (oben hinten) | |
| 08 | 111911 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 111919 | Spring clamp | |
| | | Klemmfeder (Schaltkasten) | |
| 11 | 117210 | Inner plate | |
| | | Mantelblech (innen) | |
| 11a | 111914 | Support | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 117227 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 117206 | Insulation, bottom | |
| | | Isolierung (unten) | |
| 16a | 117204 | Insulation, middle | |
| | | Isolierung, mitte (mit Löcher) | |
| 16b | 117205 | Insulation, middle | |
| | | Isolierung, mitte (ohne Löcher) | |
| 17 | 117203 | Insulation, middle | |
| | | Isolierung (Einsatz) | |
| 18 | 111918 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 117200 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |

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## 07b Combustion chamber - Unterdruckkammer

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# 07b Combustion chamber - Unterdruckkammer

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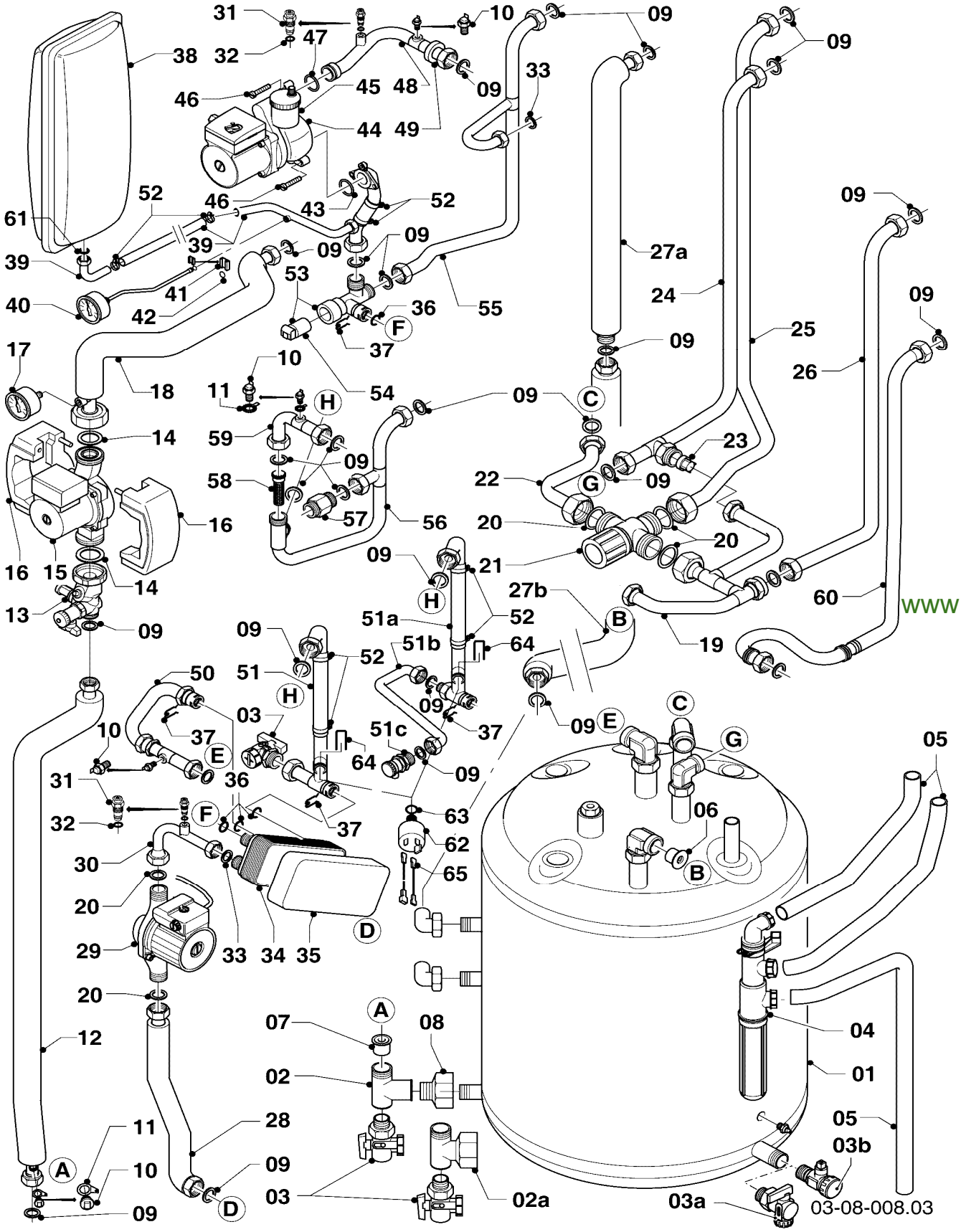
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|---|---|---|---|
| | | 03-07-037 | |
| 00 | 111919 | Spring clamp | not shown |
| | | Klemmfeder (Schaltkasten) | nicht dargestellt |
| 01 | 209743 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 03 | 180932 | Flue adapter 60/100 | until 06/2005, with parts 12-14 |
| | | Adapter (60/100) | bis Bj. 06/2005, mit Pos. 12-14 |
| 04 | 303907 | App connection piece 80/125 plastic | from 07/2005, with parts 12-14, accessory, cannot be delivered as spare part |
| | | Anschlussstück 80/125 | ab Bj. 07/2005, mit Pos. 12-14, Zubehör, nicht als Ersatzteil lieferbar |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | for air/flue duct system 60/100, until 06/2005 |
| | | Dichtung EPDM (DN 60) | für Abgasstutzen 60/100, bis Bj. 06/2005 |
| 07 | 981227 | Gasket | for air/flue duct system 80/125, from 07/2005 |
| | | Dichtung (Abgassammler) | für Abgasstutzen 80/125, ab Bj. 07/2005 |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08 Connection parts - Hydraulikteile

VSC S PL 196-C 200, VSC S HU 196-C 200




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# 08 Connection parts - Hydraulikteile

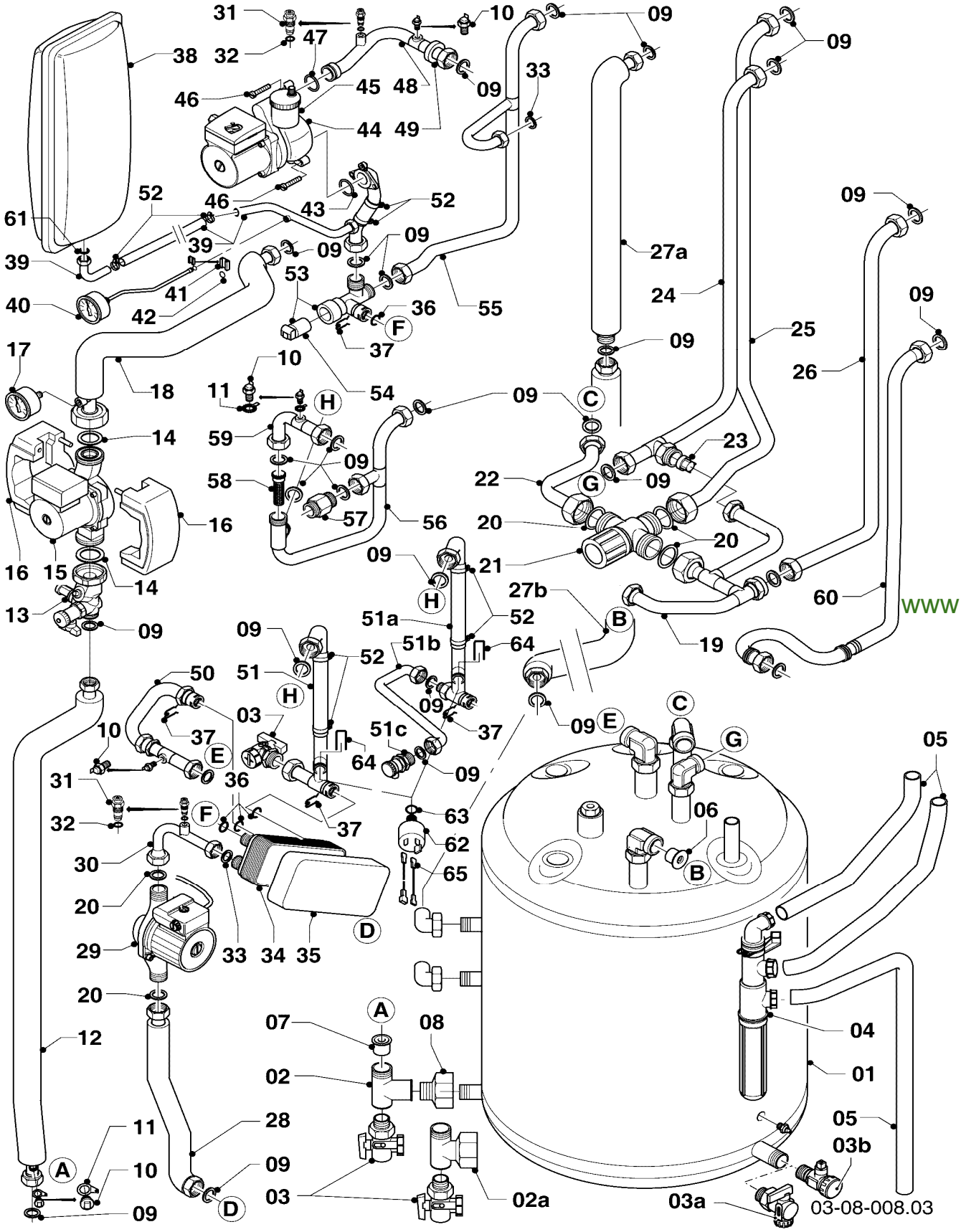
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-008 | |
| 01 | 117229 | Boiler | see main component 06b Storage water heater |
| | | Speicher | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 129257 | T-piece | until 12/04 |
| | | T-Stück (K.F.E.-Hahn/Speicher) | bis Bj. 12/2004 |
| 02a | 0020013482 | T-piece | from 01/05 |
| | | T-Stück (K.F.E.-Hahn/Speicher) | ab Bj. 01/2005 |
| 03 | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 03a | - | - | please order pos. no. 03b / bitte Pos. 03b bestellen |
| 03b | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 05 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 06 | 117230 | Valve (FI 010) | |
| | | Ventil (FI 010) | |
| 07 | 117232 | Valve (CS015) | |
| | | Ventil (CS015) | |
| 08 | 117215 | Reducing piece | until 12/04 |
| | | Reduzierstück | bis Bj. 12/2004 |
| 09 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 10 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 11 | 733171 | Flat plug | |
| | | Flachstecker | |
| 12 | 117224 | Tube | with parts 09-11 |
| | | Rohr (Solar zur Pumpe) | mit Pos. 09-11 |
| 13 | 117202 | Drain piece with flowmeter | with parts 09, 14 |
| | | Entleerung (mit Durchflussmesser) | mit Pos. 09, 14 |
| 14 | 980325 | Washer | |
| | | Rechteckdichtring | |
| 15 | 117212 | Pump | with part 14 |
| | | Pumpe (Solarkreis) | mit Pos. 14 |
| 16 | 111915 | Insulation (pump) | |
| | | Isolierung (Pumpe) | |
| 17 | 117209 | Manometer | |
| | | Manometer | |
| 18 | 117222 | Tube | with parts 09, 14 |
| | | Rohr (Solar aus) | mit Pos. 09, 14 |
| 19 | 117218 | Tube | with parts 09, 20 |
| | | Rohr (Hydraulik) | mit Pos. 09, 20 |
| 20 | 981254 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 21 | 117211 | Mixing valve | with part 20 |
| | | Mischbatterie (thermostatisch) | mit Pos. 20 |
| 22 | 117225 | Tube | with parts 09, 20 |
| | | Rohr (WW aus) | mit Pos. 09, 20 |
| 23 | 117231 | Valve | |
| | | Ventil (Rückschlag) | |

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# 08 Connection parts - Hydraulikteile

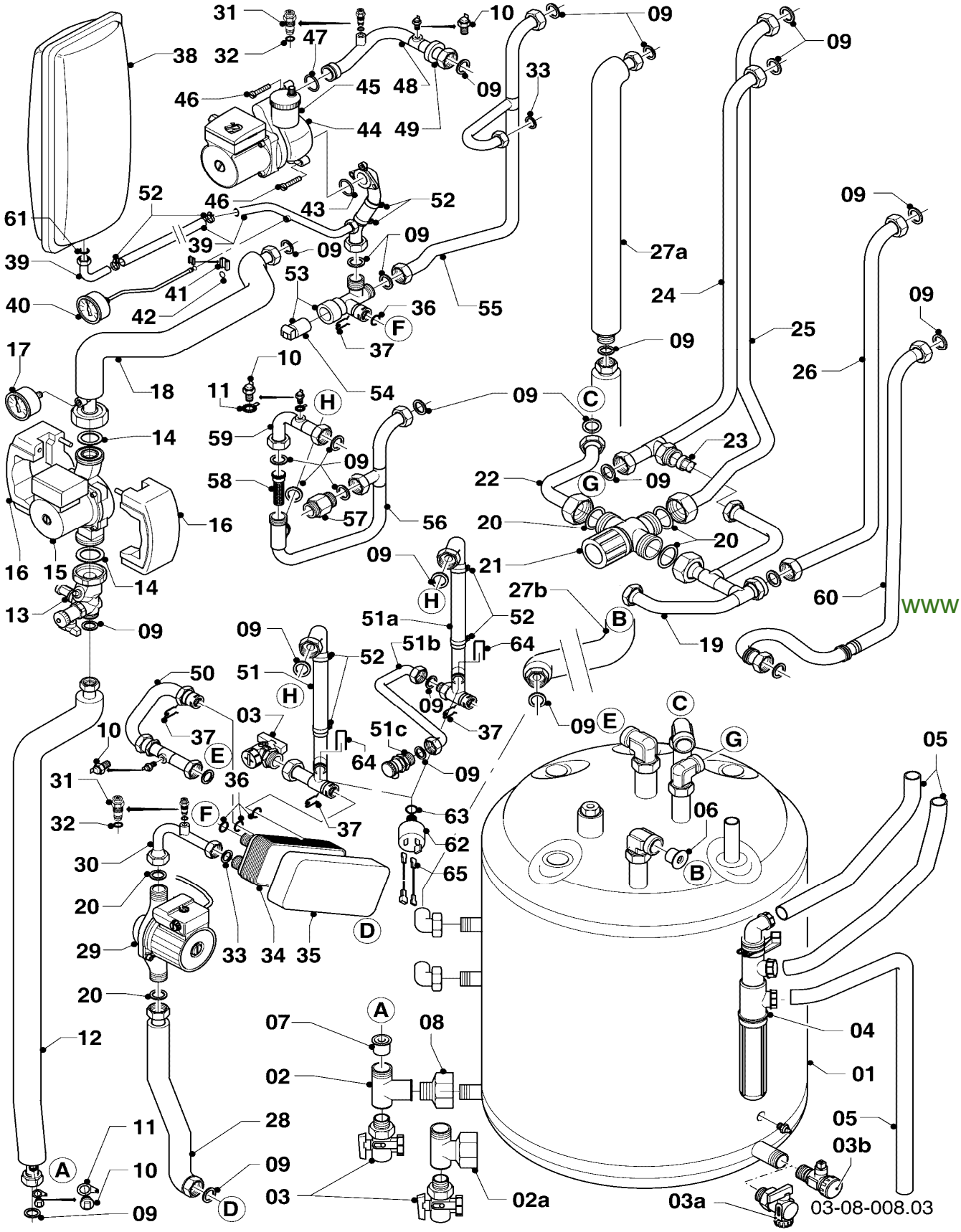
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-008 | |
| 24 | 117219 | Tube | with part 09 |
| | | Rohr (Kaltwasser ein) | mit Pos. 09 |
| 25 | 117220 | Tube | with parts 09, 20 |
| | | Rohr (Mixed) | mit Pos. 09, 20 |
| 26 | 117226 | Tube | with part 09 |
| | | Rohr (Zirkulation ein) | mit Pos. 09 |
| 27a | 117298 | Tube | with part 09 |
| | | Rohr (Solar ein, oben) | mit Pos. 09 |
| 27b | 117223 | Tube | with part 09 |
| | | Rohr (Solar ein, unten) | mit Pos. 09 |
| 28 | 117217 | Tube | with parts 09, 20 |
| | | Rohr | mit Pos. 09, 20 |
| 29 | 160953 | Pump | with part 20 |
| | | Pumpe (Ladepumpe) | mit Pos. 20 |
| 30 | 094045 | Tube | with parts 20, 31 - 33 |
| | | Rohr (Ladepumpe/SWT) | mit Pos. 20, 31 - 33 |
| 31 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 32 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 33 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 34 | 065111 | Heat exchanger dhw (12 plates) | with parts 33, 36, 37 |
| | | Wärmetauscher BW (12 Platten) | mit Pos. 33, 36, 37 |
| 34 | 0020023153 | Heat exchanger dhw (20 plates) | with parts 33, 36, 37 |
| | | Wärmetauscher BW (20 Platten) | mit Pos. 33, 36, 37 |
| 35 | 111917 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 36 | 981163 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 37 | 219622 | Spring clamp (PK10) | |
| | | Klemmfeder (10 St.) | |
| 38 | 181051 | Expansion vessel | |
| | | Ausdehnungsgefäß | |
| 39 | 117221 | Tube | with parts 09, 33, 43 |
| | | Rohr (Pumpe-ADG) | mit Pos. 09, 33, 43 |
| 40 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 43 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 44 | 160954 | Pump (heating) | with parts 43, 45-47 |
| | | Pumpe (Heizung) | mit Pos. 43, 45-47 |
| 45 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 46 | 118951 | Pan head screw (M 6x28,5) | |
| | | Flachkopfschraube (M 6x28,5) | |

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# 08 Connection parts - Hydraulikteile

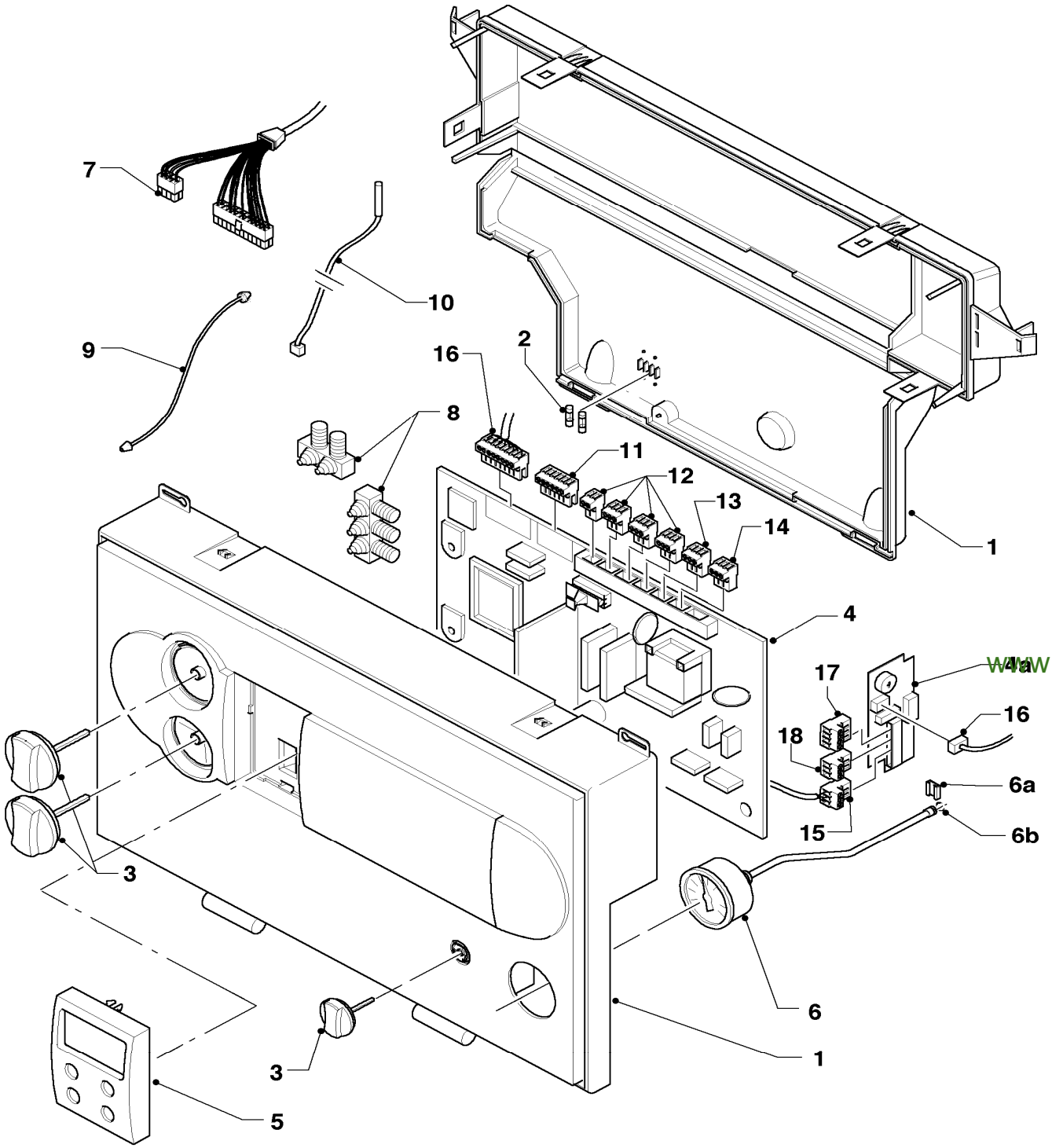
VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-008 | |
| 47 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 48 | 083538 | Cold water tube | with parts 09, 10, 31, 32, 47 |
| | | Rohr, K-W (Unterdruckkammer) | mit Pos. 09, 10, 31, 32, 47 |
| 49 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |
| 50 | 083998 | Warm water tube | with parts 09, 10, 36, 37 |
| | | Rohr, W-W (Wellflex SWT) | mit Pos. 09, 10, 36, 37 |
| 51 | 0020017101 | Connection tube | until 04/05 (with parts 09, 36, 37, 52, 62 - 65) |
| | | Rohr (K.F.E.-Hahn - SWT) | bis Bj. 04/2005 (mit Pos. 09, 36, 37, 52, 62 - 65) |
| 51a | 0020013483 | Connection tube | from 04/05 (with parts 09, 36, 37, 52, 62 - 65) |
| | | Rohr (Anschl. K.F.E.-Hahn) | ab Bj. 04/2005 (mit Pos. 09, 36, 37, 52, 62 - 65) |
| 51b | 0020013484 | Connection tube | from 04/05 (with part 09) |
| | | Rohr (Entleerung) | ab Bj. 04/2005 (mit Pos. 09) |
| 51c | 0020013485 | Drain valve (G 1/2) | from 04/05 |
| | | Entleerungsventil (G 1/2) | ab Bj. 04/2005 |
| 52 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 53 | 252457 | Diverter valve | with part 54 |
| | | Vorrangumschaltventil | mit Pos. 54 |
| 54 | 140429 | Diverter valve actuator | |
| | | Stellantrieb für VU-Ventil | |
| 55 | 094041 | Tube | with parts 09, 33 |
| | | Rohr (HR/Abzweig Überströmv.) | mit Pos. 09, 33 |
| 56 | 094039 | Tube | with part 09 |
| | | Rohr | mit Pos. 09 |
| 57 | 150238 | Automatic bypass valve | |
| | | Überströmventil | |
| 58 | 074517 | Filter | |
| | | Sieb | |
| 59 | 094038 | Tube | with parts 09, 10 |
| | | Rohr (PWT - Rohr SWT) | mit Pos. 09, 10 |
| 60 | 123481 | Gas connection tube | with parts 09, 33 |
| | | Gasrohr | mit Pos. 09, 33 |
| 61 | 981149 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 62 | 712087 | Pressure sensor | with part 63 |
| | | Sensor (Drucksensor) | mit Pos. 63 |
| 63 | 981154 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 64 | 154150 | Clip | |
| | | Bügel | |
| 65 | 0020017100 | Cable (pressure sensor) | |
| | | Kabel (Drucksensor) | |

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## 12 Control box - Schaltkasten

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# 12 Control box - Schaltkasten

VSC S PL 196-C 200, VSC S HU 196-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-057 | |
| 01 | 295248 | Casing | with parts 02, 03 |
| | | Gehäuse | mit Pos. 02, 03 |
| 02 | 251957 | Fuse 4.0A T (PK10) | |
| | | Sicherung 4, AT (10 St.) | |
| 03 | 114288 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 117208 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 04a | 117213 | Printed circuit board | |
| | | Leiterplatte | |
| 05 | 130847 | Printed circuit (display) | |
| | | Display beleuchtet | |
| 06 | 101279 | Manometer | |
| | | Manometer (Schaltkasten) | |
| 06a | 085751 | Pressure gauge clip | |
| | | Halter | |
| 06b | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 07 | 117207 | Cable tree | |
| | | Kabelbaum | |
| 08 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |
| 09 | 078536 | Cable fixing, kit of 2 | |
| | | Fangband, Set a 2 St. | |
| 10 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 11 | 253815 | Cable connector (set) | |
| | | Steckverbinder-Set (System ProE) | |
| 12 | 733734 | cable connector (Rast 5, 3-pole) | |
| | | Steckverbinder (Rast 5, 3-polig) | |
| 13 | 733737 | Cable connector | |
| | | Steckverbinder (Rast 5, 3-polig) | |
| 14 | 252629 | Plug | |
| | | Steckverbinder (Rast 5, 6-polig) | |
| 15 | 113991 | Connenction line | |
| | | Verbindungsleitung (3-polig) | |
| 16 | 117216 | Connenction line | |
| | | Verbindungsleitung (7-polig) | |
| 17 | 733749 | Cable connector | |
| | | Steckverbinder (Rast 5, 4-polig) | |
| 18 | 733746 | Connector for electronic box | |
| | | Steckverbinder (Rast 5, 3-polig) | |

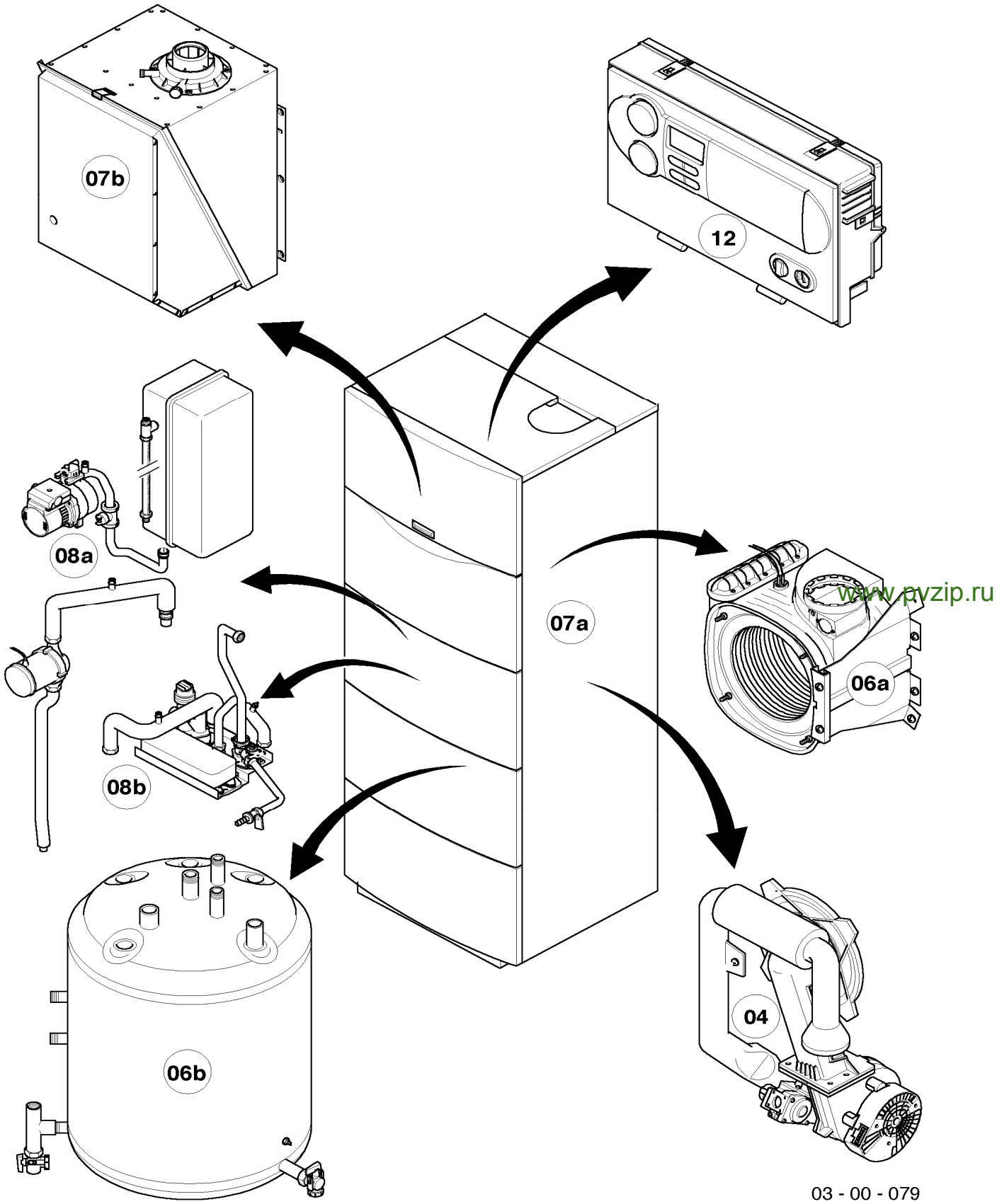
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# General view of sheet - Baugruppenübersicht

VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

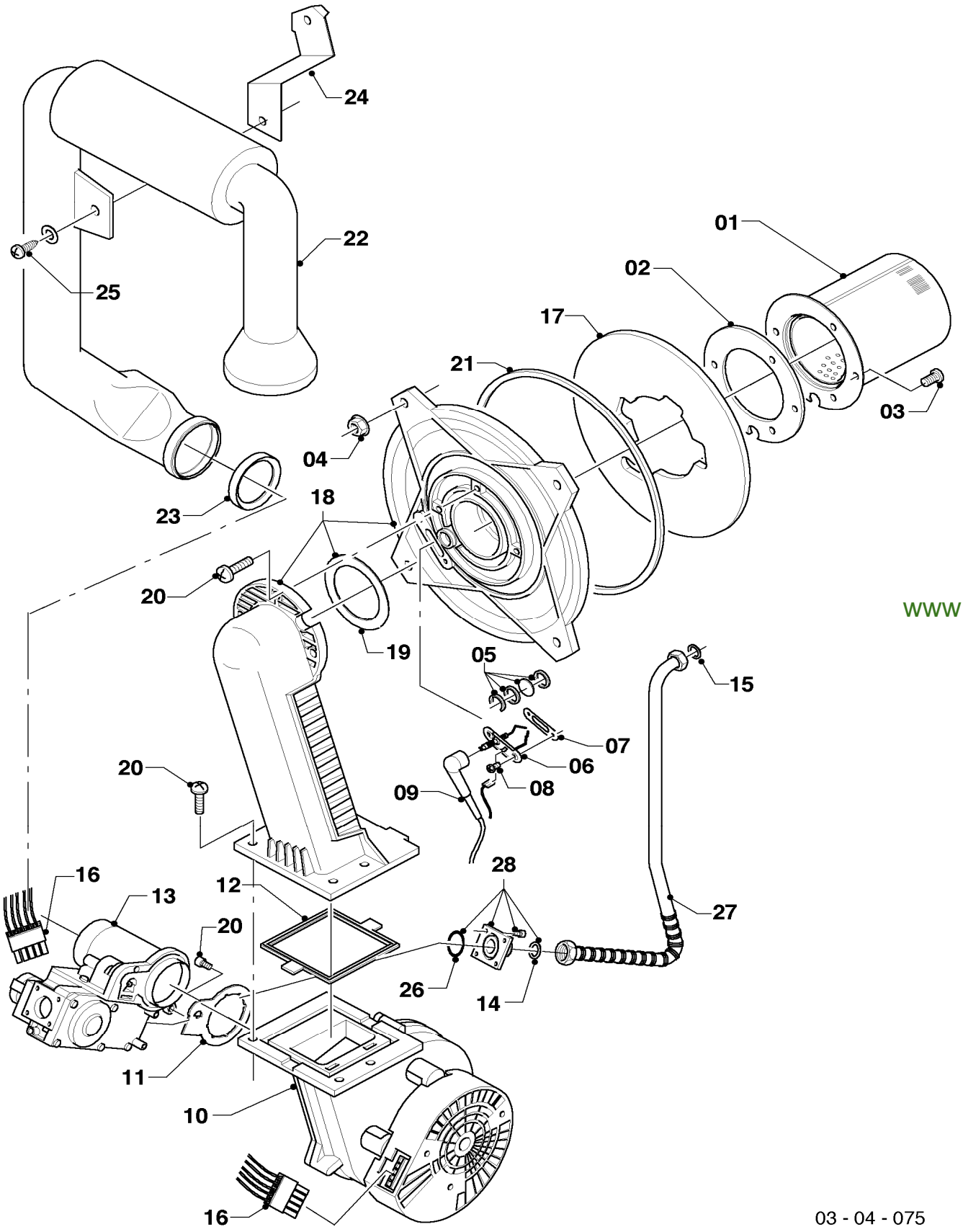



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## 04 Burner - Brenner

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# 04 Burner - Brenner

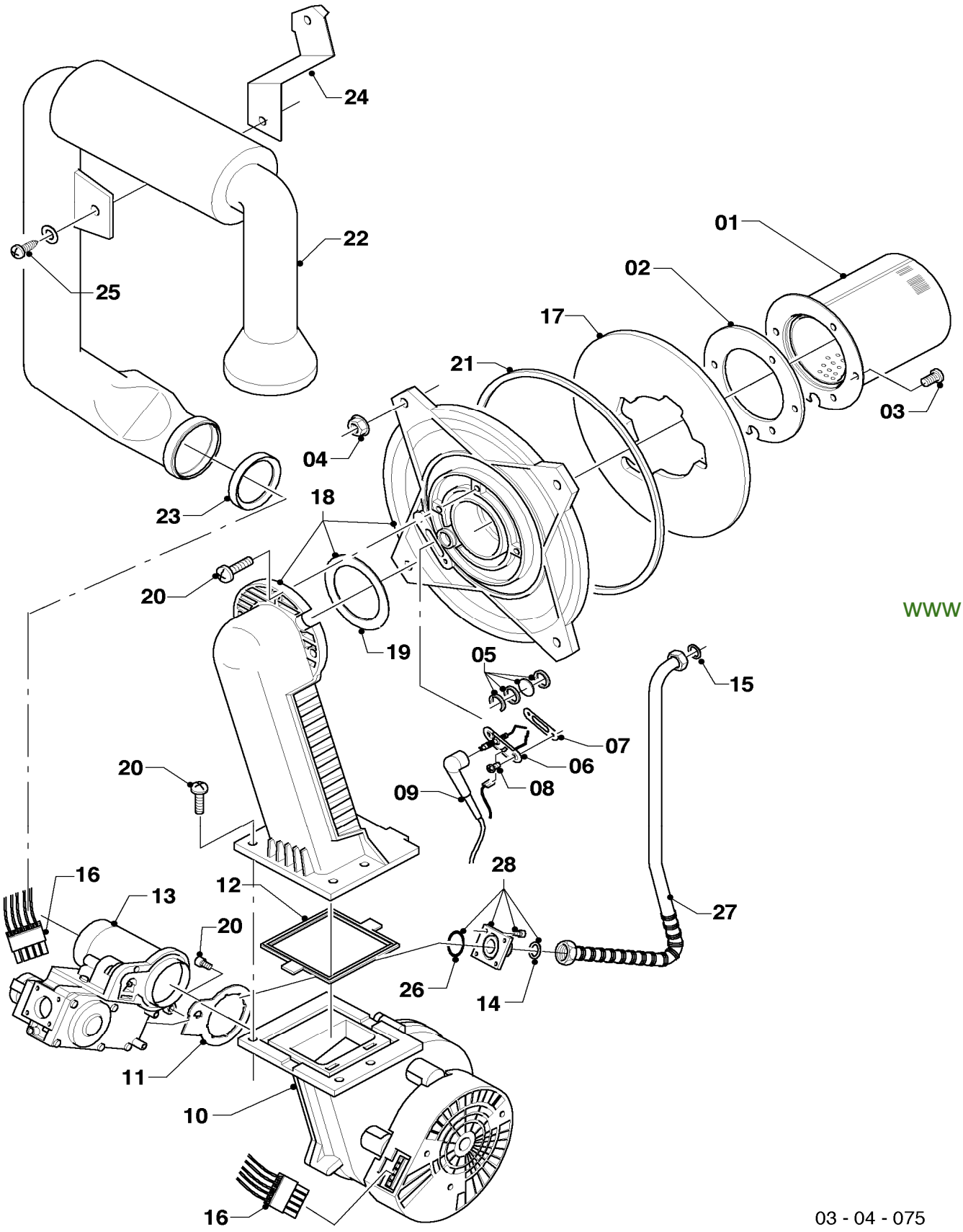
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 00 | 0020046466 | Conversion set (B) | not shown |
| | | Umstellsatz E/LL -> P | nicht dargestellt |
| 00 | 0020046467 | Conversion set (H) | not shown |
| | | Umstellsatz P -> E/LL | nicht dargestellt |
| 00 | 0020056258 | Conversion set (H <-> H) | not shown |
| | | Umstellsatz E <-> LL | nicht dargestellt |
| 01 | 049324 | Burner | with parts 02-03 |
| | | Brenner | mit Pos. 02-03 |
| 02 | 981103 | Gasket | |
| | | Dichtung | |
| 03 | 105900 | Screw (PK10) | |
| | | Linsenschraube (10 St.) | |
| 04 | 0020026537 | Nut M6 (PK5) | |
| | | Mutter (5 St.) | |
| 05 | 161245 | Inspection glass | |
| | | Schauglas | |
| 06 | 090709 | Ignition/monitoring electrode | with parts 07, 08 |
| | | Zündelektrode | mit Pos. 07, 08 |
| 07 | 981330 | Gasket electrode | |
| | | Dichtung, Zündelektrode | |
| 08 | 118883 | Flat head screw ISO 7045 | |
| | | Flachkopfschraube ISO 7045 | |
| 09 | 0020038588 | Ignition cable | |
| | | Zündkabel | |
| 09 | 0020075412 | Plug (ignition) | not shown |
| | | Stecker (Zündung) | nicht dargestellt |
| 10 | 193593 | Fan | with parts 11-12 |
| | | Gebläse | mit Pos. 11-12 |
| 11 | 981104 | Gasket | |
| | | Dichtung | |
| 12 | 193594 | Gasket | |
| | | Dichtung | |
| 13 | 0020041162 | Gas section | VSC S 126/2-C 180, with parts 11, 14, 26 |
| | | Gasarmatur | VSC S 126/2-C 180, mit Pos. 11, 14, 26 |
| 13 | 0020038562 | Gas section | VSC S 196/2-C 200, with parts 11, 14, 26 |
| | | Gasarmatur | VSC S 196/2-C 200, mit Pos. 11, 14, 26 |
| 14 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 15 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 16 | 0020038589 | Cable tree (harness) | |
| | | Kabelbaum | |
| 17 | 193595 | Insulation | with parts 02-03 |
| | | Isolierplatte | mit Pos. 02-03 |
| 18 | 0020010867 | Flange, with elbow | with parts 02-05, 07-08, 12, 14, 17-21 |
| | | Flansch, mit Krümmer | mit Teilen 02-05, 07-08, 12, 14, 17-21 |
| 19 | 981107 | Gasket | |
| | | Dichtung | |
| 20 | 193597 | Screw (PK10) | |
| | | Schraube (10 St.) | |

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## 04 Burner - Brenner

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## 04 Burner - Brenner

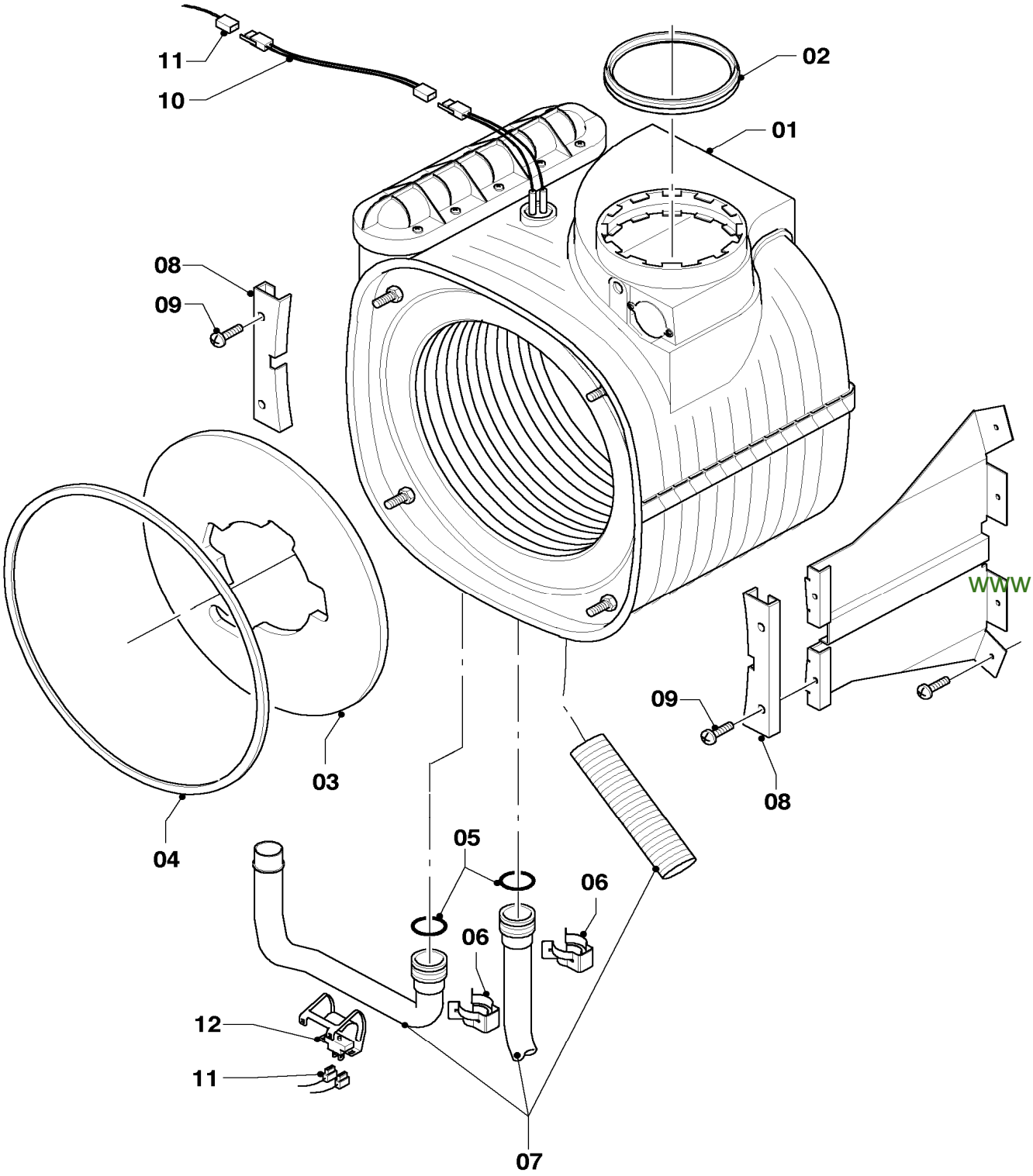
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-04-075 | |
| 21 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 22 | 0020041163 | Air inlet duct | with part 23 |
| | | Frischluftrohr | mit Pos. 23 |
| 23 | 981111 | Gasket | |
| | | Dichtung | |
| 24 | 103405 | Support | |
| | | Halter | |
| 25 | 235756 | Tapping screw (ST 4,8x19) | |
| | | Blechschraube (ST 4,8x19) | |
| 26 | 982319 | O-ring | |
| | | O-Ring 'D' | |
| 27 | 0020038570 | Tube (gas) | with parts 14-15 |
| | | Rohr (Gas) | mit Pos. 14-15 |
| 28 | 0020010868 | Adaptor piece (gas valve) | with part 26 |
| | | Adapter (Gasarmatur) | mit Pos. 26 |

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## 06a Heat exchanger - Wärmetauscher

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# 06a Heat exchanger - Wärmetauscher

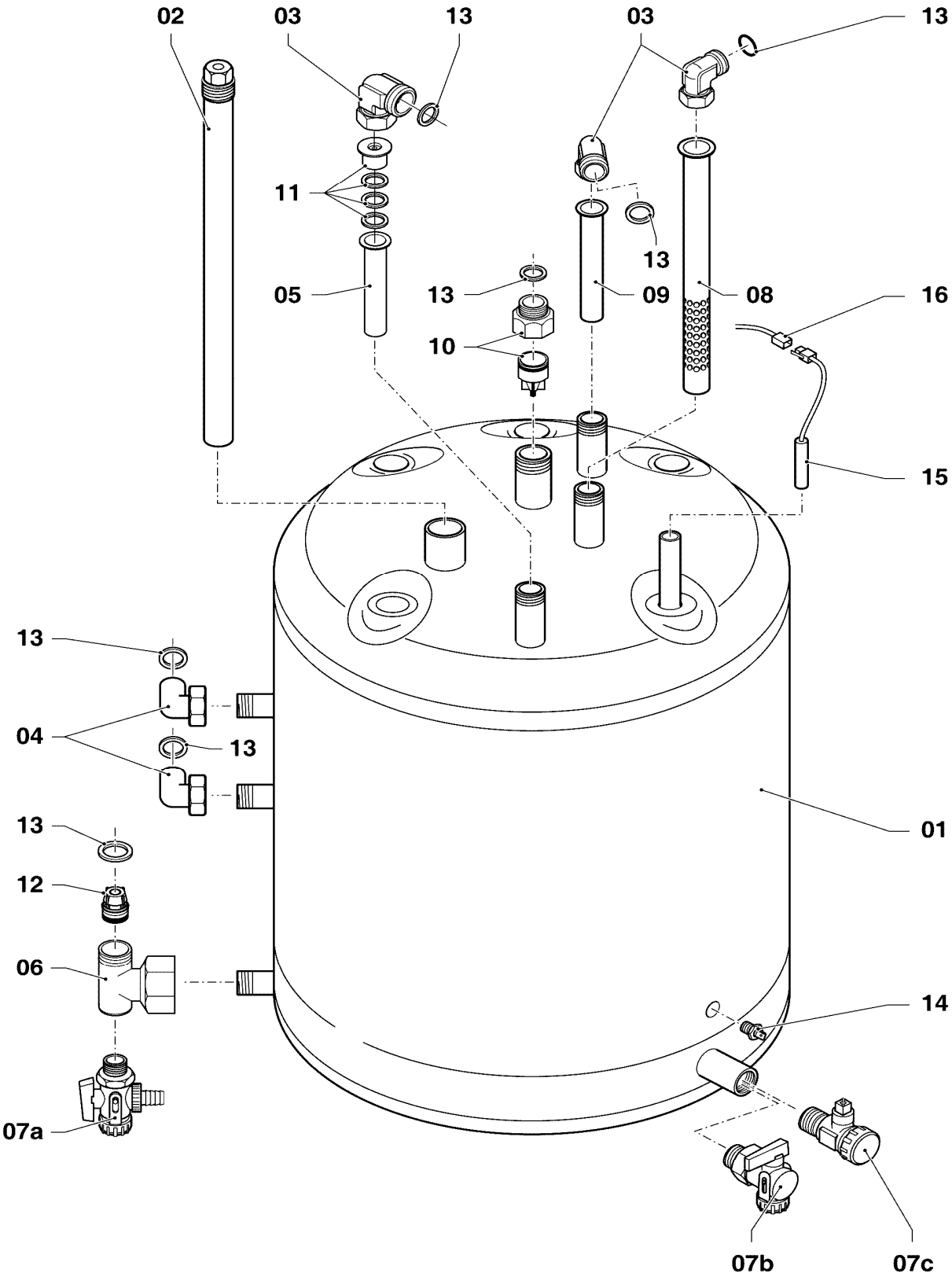
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-077 | |
| 01 | 0020018181 | Heat exchanger | with parts 02-06 |
| | | Wärmetauscher HW | mit Pos. 02-06 |
| 01 | 0020093190 | Insulation 16 mm | not shown |
| | | Isolierung 16 mm | nicht dargestellt |
| 02 | 981227 | Gasket | |
| | | Dichtung (Abgassammler) | |
| 03 | 193595 | Insulation | |
| | | Isolierplatte | |
| 04 | 0020025929 | Gasket kit | |
| | | Dichtungssatz (Brennerflansch) | |
| 05 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 06 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 07 | - | - | see main component 08a Hydraulic parts |
| | | - | siehe Baugruppe 08a Hydraulik |
| 08 | 180989 | Support (PK2) | with part 09 |
| | | Halter (2 St.) | mit Pos. 09 |
| 09 | 178968 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 10 | 0020052332 | Cable tree (harness) | |
| | | Kabelbaum | |
| 11 | 0020051993 | Cable tree | |
| | | Kabelbaum | |
| 12 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |

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## 06b Storage water heater - Warmwasserspeicher

VSC S INT 126/2-C 180, VSC S INT 196/2-C 200




03-06-080.01

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# 06b Storage water heater - Warmwasserspeicher

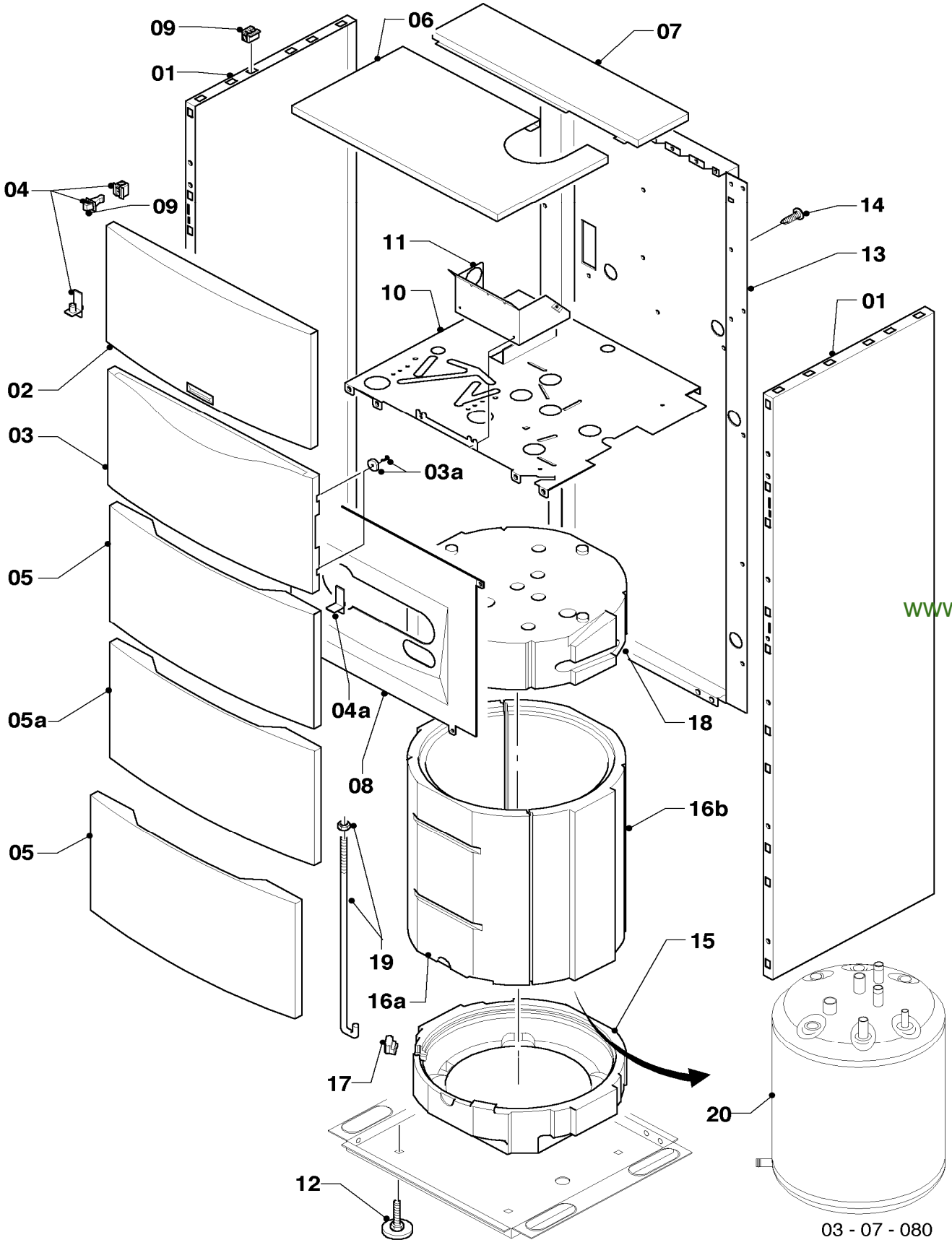
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-06-080 | |
| 01 | 117229 | Boiler | |
| | | Speicher | |
| 02 | 0020078910 | Anode (G1, L=642) | |
| | | Anode (G1, L=642) | |
| 03 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 05 | 094229 | Tube (L=114 mm, D=18mm) | |
| | | Rohr (L=114 mm, D=18mm) | |
| 06 | 0020013482 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 07a | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 07b | - | - | please order pos. no. 07c / bitte Pos. 07c bestellen |
| 07c | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 08 | 0020038614 | Tube | |
| | | Rohr (KW-Einlauf) | |
| 09 | 142653 | Tube (18x55 mm) | |
| | | Warmwasserrohr (Kunststoff, 18x55 mm) | |
| 10 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 11 | 117230 | Valve (FI 010) | |
| | | Ventil (FI 010) | |
| 12 | 0020056554 | Non-return valve | |
| | | Rückflussverhinderer | |
| 13 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 14 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 15 | 253552 | Temperature sensitive element | |
| | | Fühler (Temperaturfühler) | |
| 16 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |

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## 07a Casing - Verkleidung

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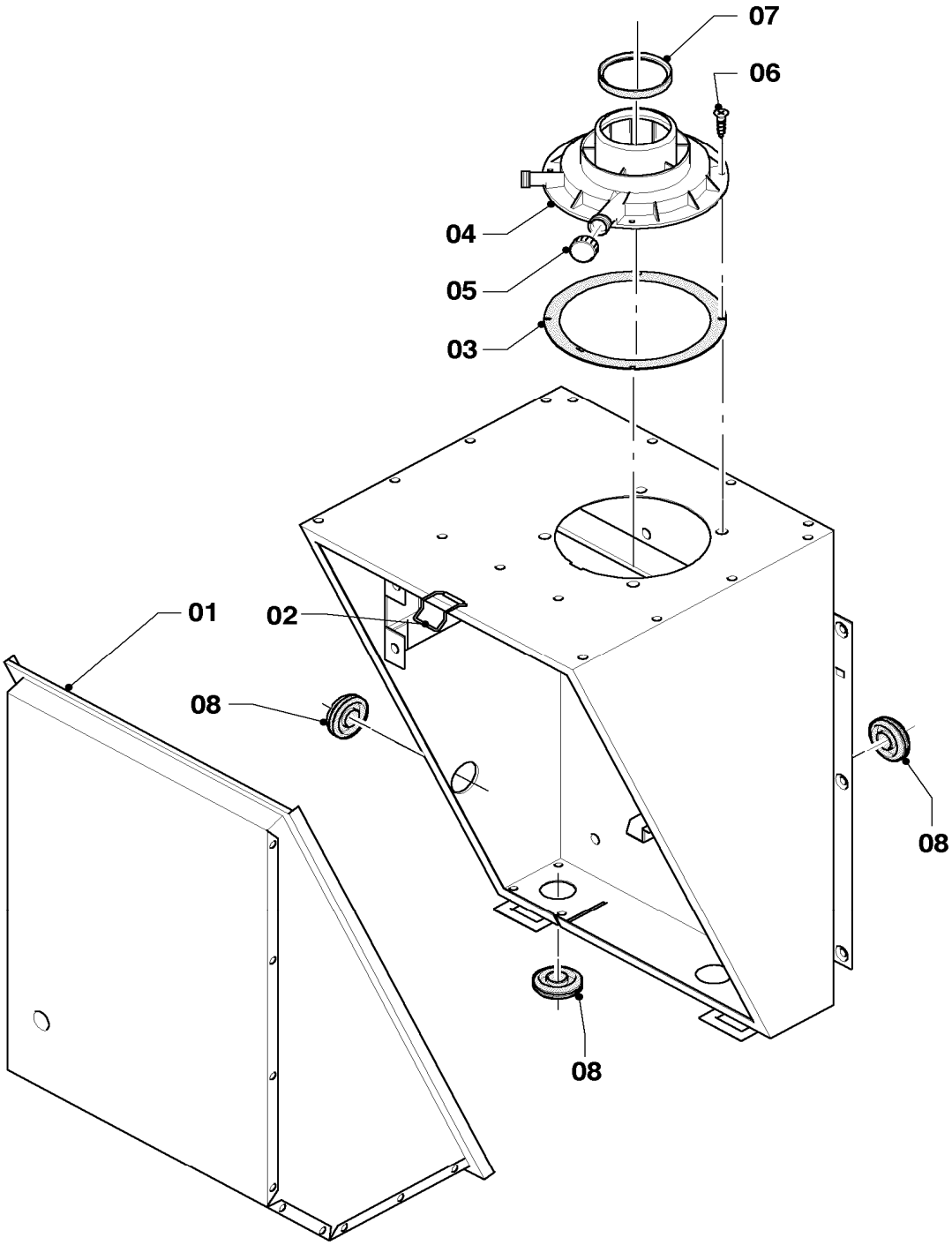
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-080 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 117228 | Side panel | with parts 04, 04a, 09 |
| | | Seitenwand (lks. = re.) | mit Pos. 04, 04a, 09 |
| 02 | 078931 | Cover (front) | |
| | | Deckel (Front, mit Logo) | |
| 03 | 111912 | Cover | with parts 03a, 04a |
| | | Deckel (Steuerung) | mit Pos. 03a, 04a |
| 03a | 111920 | Magneto (PK2) | |
| | | Magnet f. Blende (2 St.) | |
| 04 | 091364 | Fastening set (covering) | with part 09 |
| | | Befestigungssatz | mit Pos. 09 |
| 04a | 111913 | Hinge | |
| | | Führung für Blende | |
| 05 | 078930 | Cover (front) | |
| | | Deckel (Front) | |
| 05a | 117201 | Cover (front) | |
| | | Deckel (Front) | |
| 06 | 0020038594 | Cover (top plate front) | |
| | | Deckel (oben, vorne) | |
| 07 | 0020038593 | Cover (top plate front) | |
| | | Deckel (oben, hinten) | |
| 08 | 0020018747 | Covering plate | |
| | | Blende (Schaltkasten) | |
| 09 | 091629 | Fastening set covering, 10 of each | |
| | | Befestigungssatz (10xBolzen/Buchsen) | |
| 10 | 0020038560 | Inner plate | |
| | | Mantelblech (innen) | |
| 11 | 0020038586 | Support (switch box) | |
| | | Halter (Schaltkasten) | |
| 12 | 459886 | Adjustable foot | |
| | | Stellfuß | |
| 13 | 117227 | Back panel | |
| | | Rückwand | |
| 14 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 15 | 0020051980 | Insulation, bottom | |
| | | Isolierung, unten | |
| 16a | 0020051978 | Insulation, middle | |
| | | Isolierung, Mitte (mit Löcher) | |
| 16b | 0020038604 | Insulation, middle | |
| | | Isolierung, mitte (ohne Löcher) | |
| 17 | 0020051979 | Insulation | |
| | | Isolierung (Einsatz) | |
| 18 | 0020038559 | Insulation, top | |
| | | Isolierung, oben (Speicher) | |
| 19 | 179065 | Tie rod, kit of 2 | |
| | | Ankerstange, Set a 2 St. | |
| 20 | 117229 | Boiler | see main component 06b Storage water heater |
| | | Speicher | siehe Baugruppe 06b Warmwasserspeicher |

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## 07b Combustion chamber - Unterdruckkammer

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03 - 07 - 081

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# 07b Combustion chamber - Unterdruckkammer

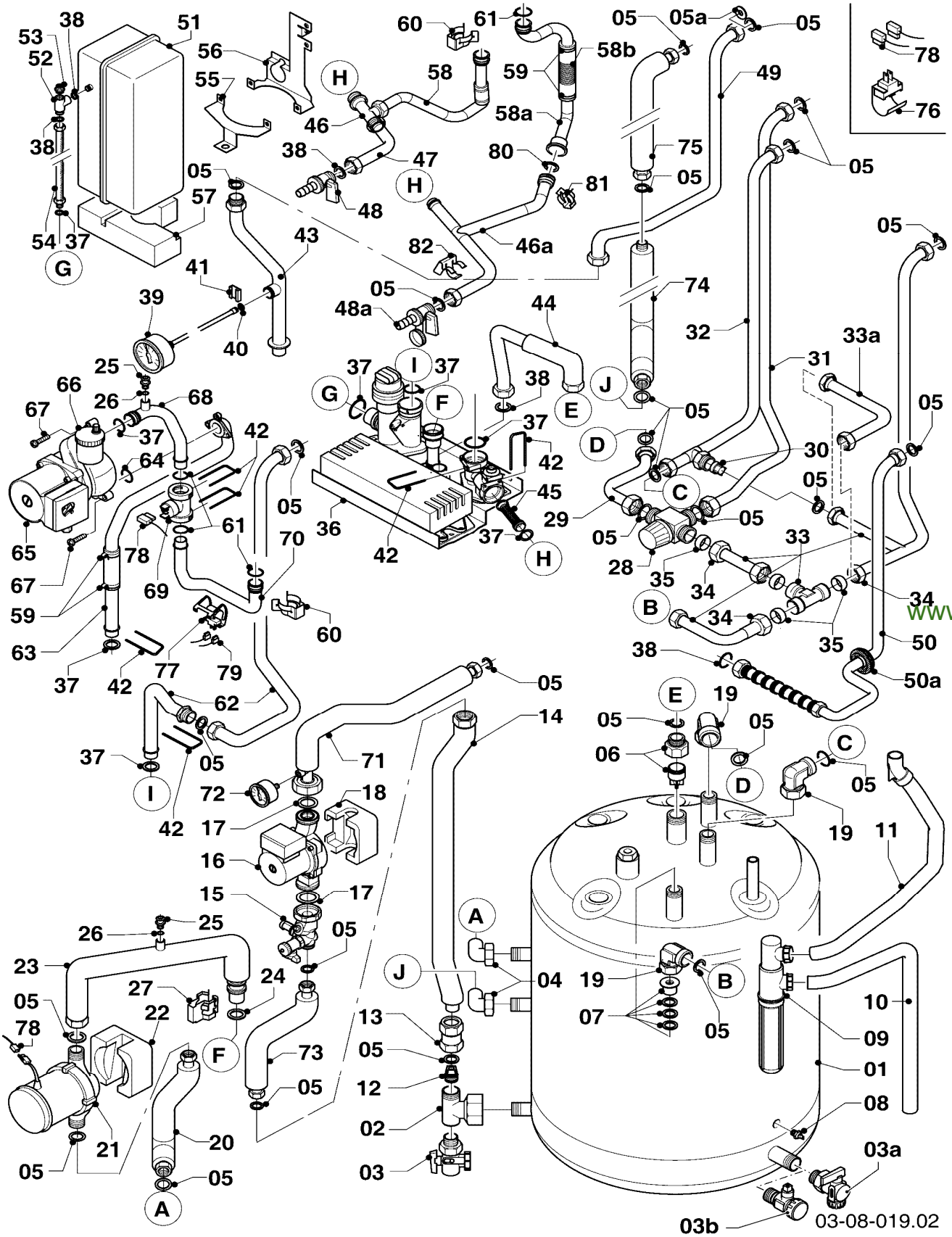
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-07-081 | |
| 00 | 0020038592 | Support | not shown |
| | | Halter/Abstandhalter | nicht dargestellt |
| 01 | 0020038591 | Cover | |
| | | Deckel (Kammer, vorne) | |
| 02 | 0020029605 | Clip (PK10) | |
| | | Klammer UDK (10 St.) | |
| 03 | 981232 | Gasket | |
| | | Dichtung | |
| 04 | 180932 | Flue adapter 60/100 | with parts 05-07 |
| | | Adapter (60/100) | mit Pos. 05-07 |
| 05 | 147392 | Cap (PK5) | |
| | | Kappe (5 St.) | |
| 06 | 500046 | Screw | |
| | | Blechschraube | |
| 07 | 981233 | Packing ring | |
| | | Dichtung EPDM (DN 60) | |
| 08 | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |

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# 08a Hydraulic parts - Hydraulik

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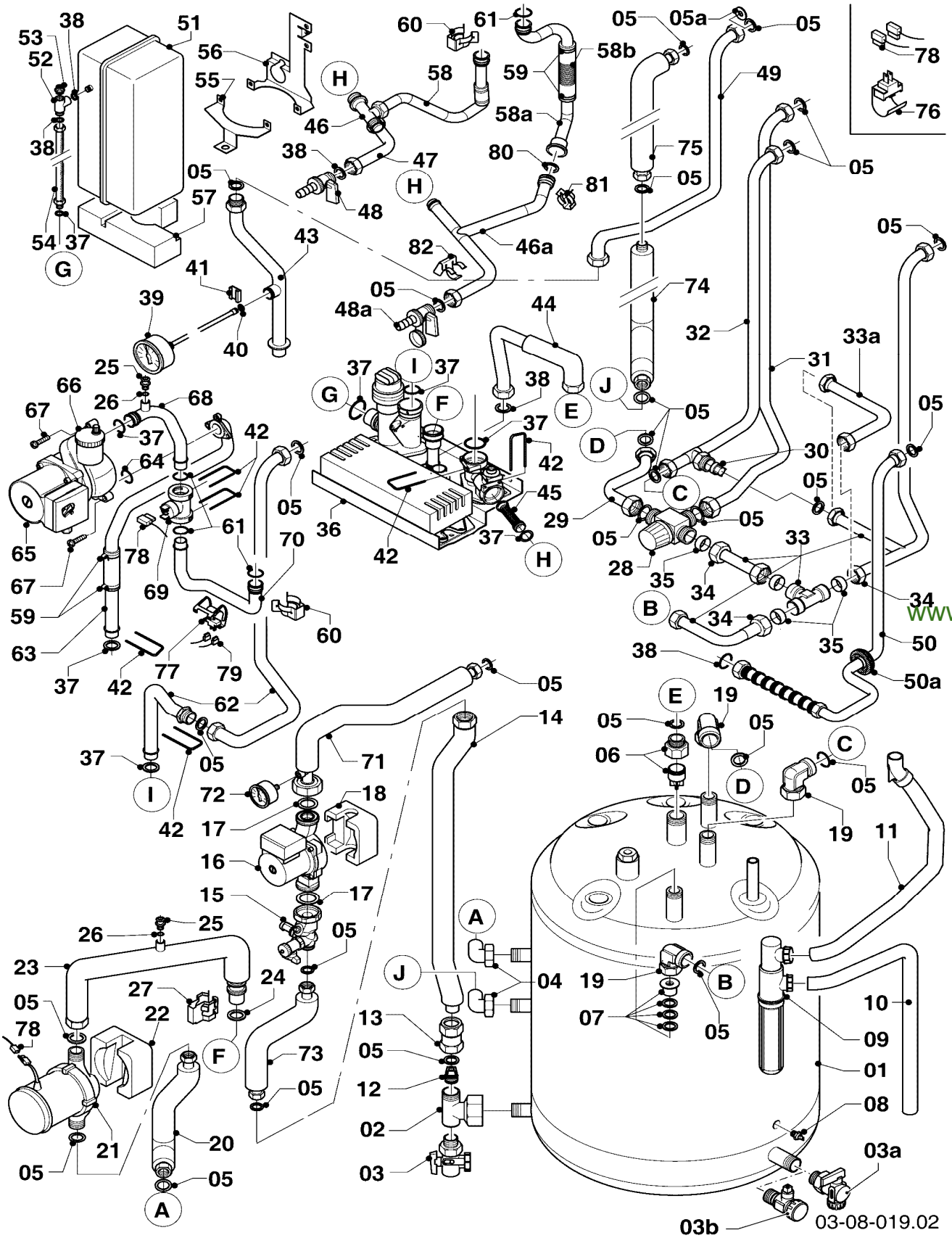
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-019 | |
| 01 | 117229 | Boiler | see main component 06b Storage water heater |
| | | Speicher | siehe Baugruppe 06b Warmwasserspeicher |
| 02 | 0020013482 | T-piece | |
| | | T-Stück (K.F.E.-Hahn/Speicher) | |
| 03 | 082244 | Drain valve | |
| | | Entleerungsventil (K.F.E.-Hahn) | |
| 03a | - | - | please order pos. no. 03b / bitte Pos. 03b bestellen |
| 03b | 193504 | Drain valve | |
| | | Entleerung (Hahn) | |
| 04 | 163206 | Angle | |
| | | Winkel | |
| 05 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 05a | 0020057652 | Gasket, Covering plate | |
| | | Dichtung, Blende | |
| 06 | 0020060806 | Adapter/non-return valve | |
| | | Adapter/Rückflussverhinderer | |
| 07 | 117230 | Valve (FI 010) | |
| | | Ventil (FI 010) | |
| 08 | 252805 | NTC-sensor | |
| | | Fühler (NTC) | |
| 09 | 0020038571 | Condensate trap | |
| | | Siphon | |
| 09 | 982488 | O-ring | not shown, condensate trap lower |
| | | O-Ring | nicht dargestellt, Syphon unten |
| 09 | 0020078062 | Gasket | not shown, Condensate trap hose |
| | | Dichtung | nicht dargestellt, Siphon Schläuche |
| 10 | 095624 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 11 | 0020038573 | Hose (condensation) | |
| | | Schlauch (Kondensatleitung) | |
| 12 | 0020056554 | Non-return valve | |
| | | Rückflussverhinderer | |
| 13 | 179069 | Compression fitting (G 3/4) | with part 05 |
| | | Quetschverschraubung (G 3/4) | mit Pos. 05 |
| 14 | 0020051988 | Tube | with part 05 |
| | | Rohr, kpl. (mit Isolierung) | mit Pos. 05 |
| 15 | 117202 | Drain piece with flowmeter | with parts 05, 17 |
| | | Entleerung (mit Durchflussmesser) | mit Pos. 05, 17 |
| 16 | 0020051968 | Pump (solar) | with part 17 |
| | | Pumpe (Solar) | mit Pos. 17 |
| 16 | 0020051994 | Support (pump solar) | not shown |
| | | Halter (Solarpumpe) | nicht dargestellt |
| 17 | 980325 | Washer | |
| | | Rechteckdichtring | |
| 18 | 0020051995 | Insulation (pump solar) | |
| | | Isolierung (Solarpumpe) | |
| 19 | 163205 | Angle (G 3/4 x Rp 3/4) | |
| | | Winkel (G 3/4 x Rp 3/4) | |
| 20 | 0020051981 | Tube | with part 05 |
| | | Rohr (mit Isolierung) | mit Pos. 05 |

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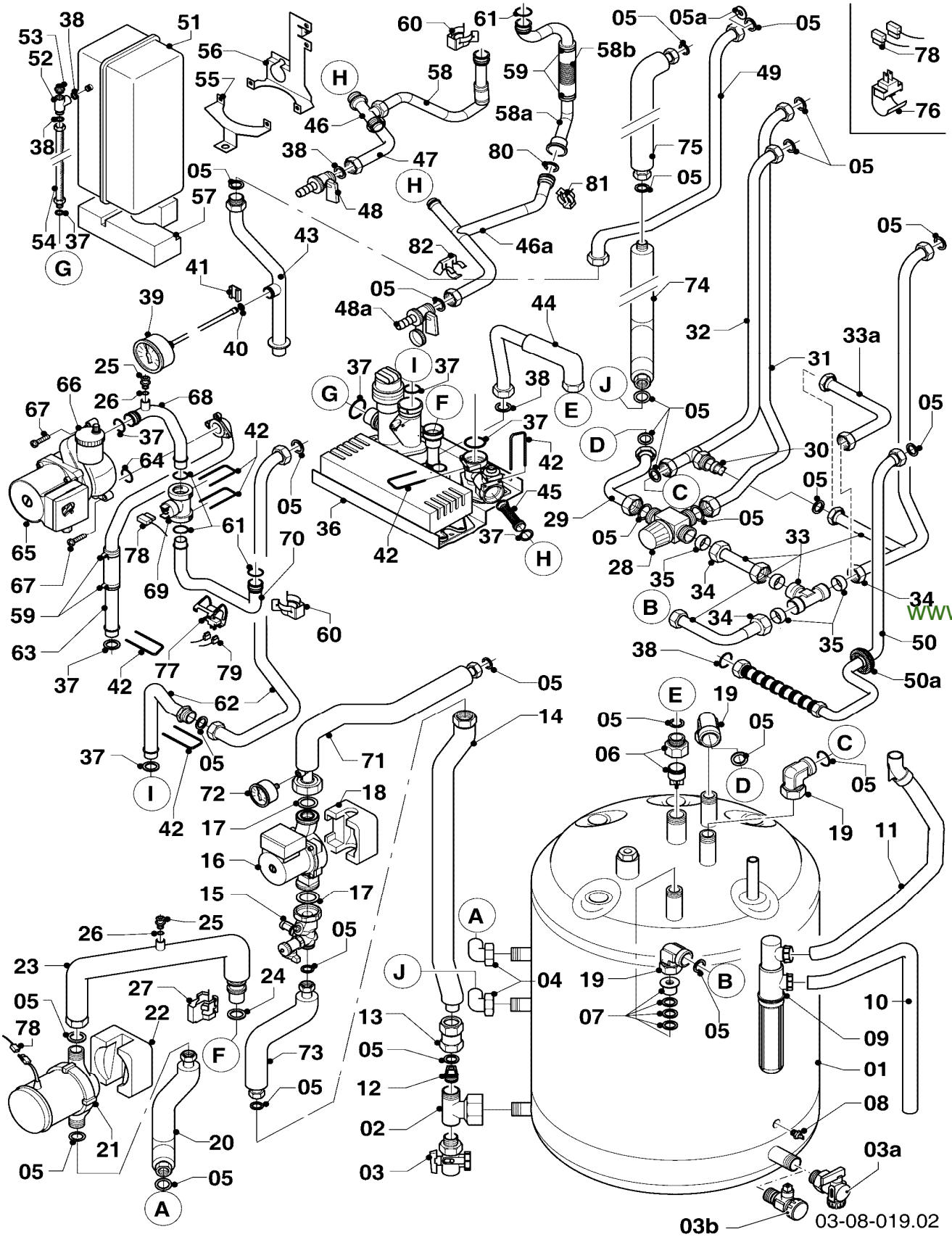
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-019 | |
| 21 | 0020038578 | Pump | with part 05 |
| | | Pumpe (Ladepumpe) | mit Pos. 05 |
| 21 | 0020051986 | Support (pump) | not shown |
| | | Halter (Speicherladepumpe) | nicht dargestellt |
| 22 | 0020038564 | Insulation (pump) | |
| | | Isolierung (Ladepumpe) | |
| 23 | 0020038579 | Tube (with insulation) | with parts 05, 24-27 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 24-27 |
| 24 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 25 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 26 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 27 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 28 | 0020056553 | Valve | with parts 05, 34, 35 |
| | | Ventil (Mischventil) | mit Pos. 05, 34, 35 |
| 29 | 0020051983 | Tube | with part 05 |
| | | Rohr (Warmwasser aus) | mit Pos. 05 |
| 30 | 117231 | Valve | |
| | | Ventil (Rückschlag) | |
| 31 | 0020051982 | Tube | with part 05 |
| | | Rohr (Mischrohr) | mit Pos. 05 |
| 32 | 0020056555 | Tube (cold in) | with part 05 |
| | | Rohr (Kaltwasser ein) | mit Pos. 05 |
| 33 | 0020056557 | Tube (hydraulic) | with parts 05, 34, 35 |
| | | Rohr (Hydraulik) | mit Pos. 05, 34, 35 |
| 33a | 0020066457 | Tube | |
| | | Rohr, Kurzschluss | |
| 34 | 111246 | Nut | |
| | | Mutter | |
| 35 | 980603 | Gasket | |
| | | Dichtung | |
| 36 | - | - | spare parts see main component 08b Hydraulic parts |
| | | - | Einzelteile Hydraulikblock siehe Baugruppe 08b |
| 37 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 38 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 39 | 180982 | Pressure gauge | with parts 40-41 |
| | | Manometer | mit Pos. 40-41 |
| 40 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 41 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 42 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 43 | 0020038580 | Tube | with parts 05, 37, 42 |
| | | Rohr (Manometer) | mit Pos. 05, 37, 42 |

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# 08a Hydraulic parts - Hydraulik

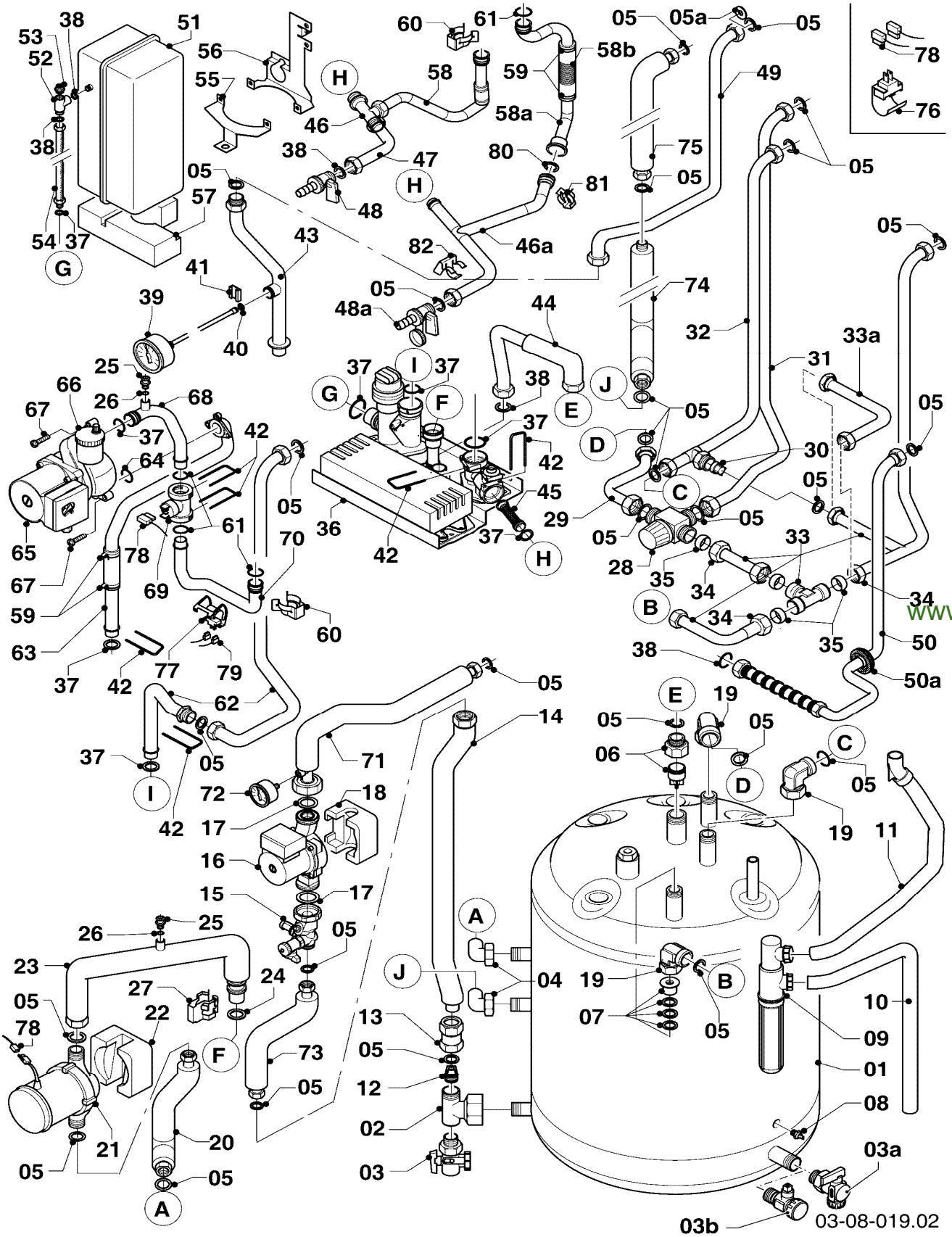
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-019 | |
| 44 | 0020038601 | Tube | with parts 05, 38 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 38 |
| 45 | 179030 | Filter | with part 37 |
| | | Sieb | mit Pos. 37 |
| 46 | - | - | no longer available, replaced by pict. no. 46b/58a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 46b/58a |
| 46a | 0020065825 | Tube 12/19/24 kW (kit) | with parts 05, 48a, 58a/b, 59-61, 80-82 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 05, 48a, 58a/b, 59-61, 80-82 |
| 47 | - | - | no longer available, replaced by pict. no. 46b/58a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 46b/58a |
| 48 | 179072 | Drain cock | old execution (with part 38) |
| | | Entleerungsventil | alte Ausführung (mit Pos. 38) |
| 48a | 0020065827 | Valve (G 3/4) | new execution (with part 05) |
| | | Ventil (G 3/4) | neue Ausführung (mit Pos. 05) |
| 49 | 0020029695 | Tube | with parts 05, 37, 42 |
| | | Rohr | mit Pos. 05, 37, 42 |
| 50 | 0020038607 | Tube (gas) | with parts 05, 38, 50a |
| | | Rohr (Gas) | mit Pos. 05, 38, 50a |
| 50a | 980765 | Grommet | |
| | | Dichtung (rot, groß) | |
| 51 | 179047 | Expansion vessel 12 ltr. | with part 38 |
| | | Ausdehnungsgefäß 12 ltr. | mit Pos. 38 |
| 52 | 179049 | T-piece | with parts 38, 53 |
| | | T-Stück | mit Pos. 38, 53 |
| 53 | 179068 | De-aeration screw (R 1/2) | |
| | | Entlüftungsventil (R 1/2) | |
| 54 | 179083 | Flexible hose (expansion vessel) | with parts 37, 38 |
| | | Schlauch (flexibel für ADG) | mit Pos. 37, 38 |
| 55 | 0020038584 | Support (expansion vessel) | |
| | | Halter (ADG, vorne) | |
| 56 | 0020038585 | Support (expansion vessel) | |
| | | Halter (ADG, hinten) | |
| 57 | 0020038582 | Support (expansion vessel) | |
| | | Polster (EPS, ADG unten) | |
| 58 | - | - | no longer available, replaced by pict. no. 46b/58a |
| | | - | nicht mehr lieferbar, Ersatz siehe Pos. 46b/58a |
| 58a | 0020065825 | Tube 12/19/24 kW (kit) | with parts 05, 46a, 58a/b, 59-61, 80-82 |
| | | Rohr, PWT 12/19/24 kW (Set) | mit Pos. 05, 46a, 58a/b, 59-61, 80-82 |
| 58b | 080387 | Flexible tube | with part 59 |
| | | Schlauch | mit Pos. 59 |
| 59 | 0020052092 | Clamp (PK2) | |
| | | Schelle (2 St.) | |
| 60 | 103417 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 61 | 103415 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 62 | 0020069076 | Tube | with parts 05, 37, 42 |
| | | Rohr (Heizungsrücklauf) | mit Pos. 05, 37, 42 |
| 63 | 0020038575 | Tube | with parts 37, 42, 59, 64 |
| | | Rohr (VUV-Heizungspumpe) | mit Pos. 37, 42, 59, 64 |
| 64 | 981234 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |

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# 08a Hydraulic parts - Hydraulik

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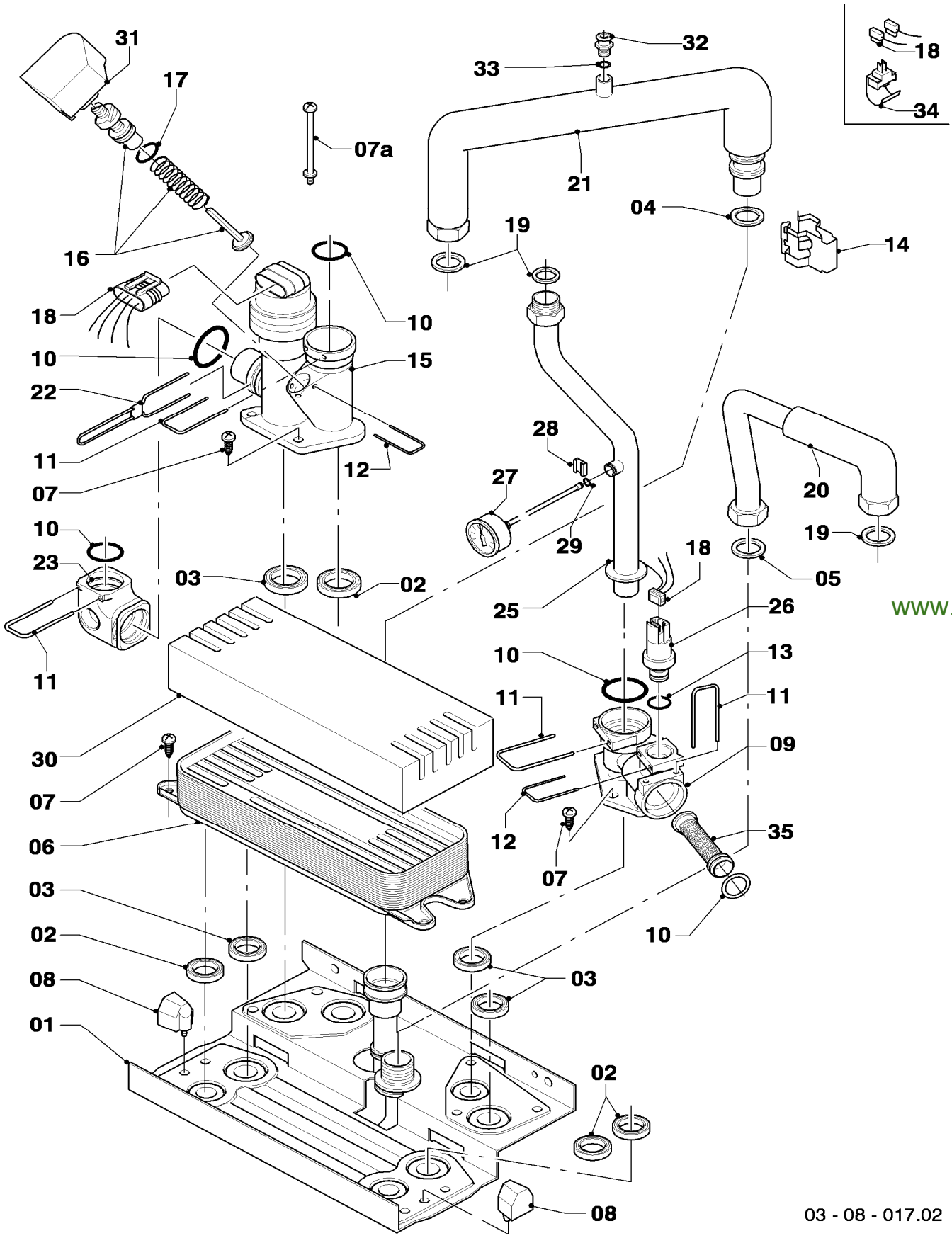
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-019 | |
| 65 | 0020051969 | Pump (heating) | with parts 37, 64, 66 |
| | | Pumpe (Heizung) | mit Pos. 37, 64, 66 |
| 65 | 0020051987 | Support (pump heating) | not shown |
| | | Halter (Heizungspumpe) | nicht dargestellt |
| 66 | 061707 | Automatic de-aerator | |
| | | Schnellentlüfter | |
| 67 | 235715 | Tapping screw (ST 4,8x 9,5) ISO 7049 | |
| | | Blechschraube (ST 4,8x 9,5) ISO 7049 | |
| 68 | 0020038574 | Tube (pump-sensor) | with parts 25, 26, 37, 42, 61 |
| | | Rohr (Heizungspumpe-Sensor) | mit Pos. 25, 26, 37, 42, 61 |
| 69 | 0020045923 | Sensor (Vortex) | with parts 42, 61 |
| | | Fühler (Vortex) | mit Pos. 42, 61 |
| 70 | 0020038576 | Tube | with parts 42, 60, 61 |
| | | Rohr (PWT-Rücklauf) | mit Pos. 42, 60, 61 |
| 71 | 0020051990 | Tube | with parts 05, 17 |
| | | Rohr, kpl. (mit Isolierung) | mit Pos. 05, 17 |
| 72 | 117209 | Manometer | |
| | | Manometer | |
| 73 | 0020051989 | Tube | with part 05 |
| | | Rohr, kpl. (mit Isolierung) | mit Pos. 05 |
| 74 | 0020051991 | Tube | with part 05 |
| | | Rohr, kpl. (mit Isolierung) | mit Pos. 05 |
| 75 | 0020051992 | Tube | with part 05 |
| | | Rohr, kpl. (mit Isolierung) | mit Pos. 05 |
| 76 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 77 | 193592 | Sensor NTC (CH flow/CH return) | |
| | | Fühler NTC 19mm | |
| 78 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 79 | 0020051993 | Cable tree | |
| | | Kabelbaum | |
| 80 | 981151 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 81 | 219621 | Spring clamp (PK10) | |
| | | Klemmfeder PWT (10 St.) | |
| 82 | 0020065828 | Support (tube) | |
| | | Halter (Rohr) | |

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## 08b Hydraulic parts - Hydraulikblock

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# 08b Hydraulic parts - Hydraulikblock

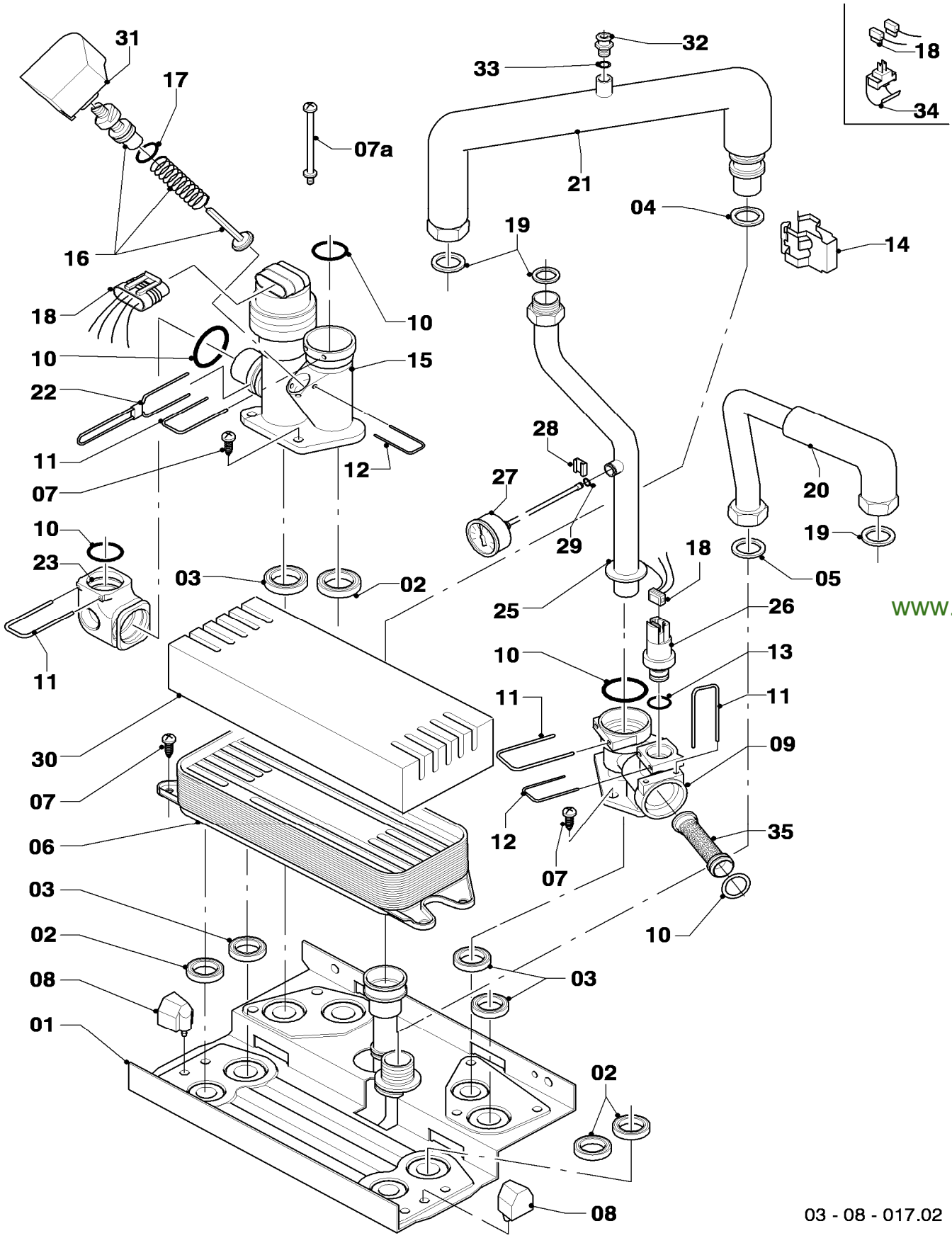
VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 01 | 0020020014 | Plate | with parts 02-05, 07, 08, 10, 14, 19 |
| | | Hydroplatte | mit Pos. 02-05, 07, 08, 10, 14, 19 |
| 02 | 178969 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 03 | 193535 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 04 | 178991 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 05 | 981142 | Sealing ring (PK10) | |
| | | Rechteckdichtring (10 St.) | |
| 06 | 0020038572 | Heat exchanger dhw (19 plates) | with parts 02, 07 |
| | | Wärmetauscher BW (19 Platten) | mit Pos. 02, 07 |
| 07 | 178967 | Screw (PK10) | |
| | | Schraube (10 St.) | |
| 07a | 0020041941 | Screw (long) | |
| | | Schraube (Flachkopfschraube lang) | |
| 08 | 193536 | Guide (PK2) | |
| | | Führung (2 St.) | |
| 09 | 179031 | Connection piece | with parts 03, 07, 10-13 |
| | | Anschlussstück | mit Pos. 03, 07, 10-13 |
| 10 | 193537 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 11 | 178992 | Clip (PK10) | |
| | | Klammer (10 St.) | |
| 12 | 154150 | Clip | |
| | | Bügel | |
| 13 | 178993 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 14 | 178966 | Clip | |
| | | Klammer (Blech) | |
| 15 | 178978 | Diverter valve | with parts 02, 03, 07, 10-12, 16, 17 |
| | | Ventil (3-Wege, MS, mit Bypass) | mit Pos. 02, 03, 07, 10-12, 16, 17 |
| 16 | 178980 | Bypass | with part 17 |
| | | Bypass | mit Pos. 17 |
| 17 | 981165 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 18 | 0020038590 | Wiring harness (harness) | |
| | | Kabelbaum (Hydraulik) | |
| 19 | 981140 | Sealing ring 3/4 (PK10) | |
| | | Rechteckdichtring 3/4 (10 St.) | |
| 20 | 0020038601 | Tube | with parts 05, 19, 34 |
| | | Rohr (mit Isolierung) | mit Pos. 05, 19, 34 |
| 21 | 0020038579 | Tube (with insulation) | with parts 04, 14, 19, 32 |
| | | Rohr (mit Isolierung) | mit Pos. 04, 14, 19, 32 |
| 22 | 178981 | Clip | |
| | | Klammer 3WV-Pumpe | |
| 23 | 0020018754 | Connection piece | with parts 10-11 |
| | | Anschlussstück | mit Pos. 10-11 |
| 25 | 0020038580 | Tube | with parts 10, 11, 19 |
| | | Rohr (Manometer) | mit Pos. 10, 11, 19 |

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## 08b Hydraulic parts - Hydraulikblock

VSC S INT 126/2-C 180, VSC S INT 196/2-C 200




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# 08b Hydraulic parts - Hydraulikblock

VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

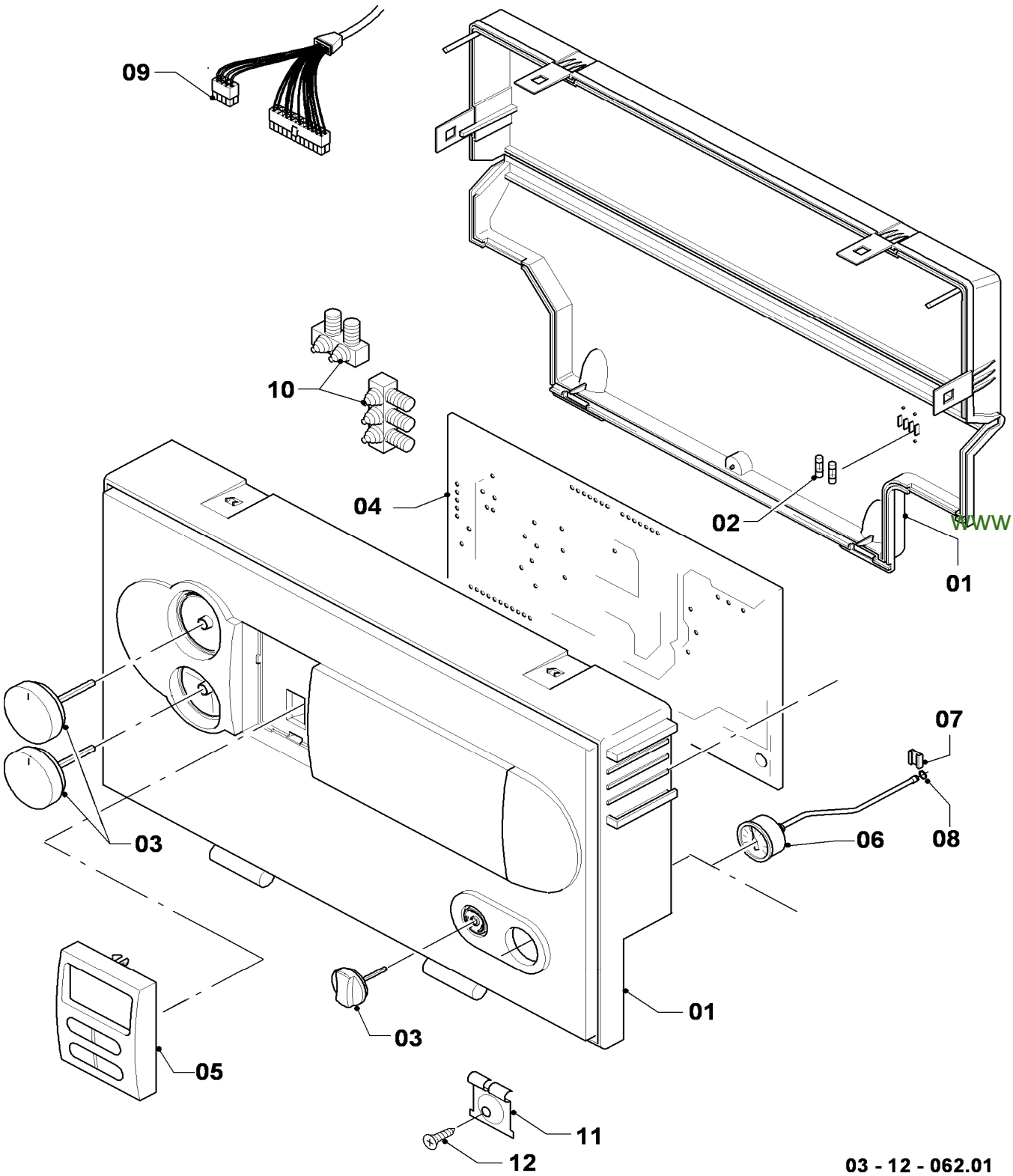
| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-08-017 | |
| 26 | 0020059717 | Sensor (water pressure) | with parts 12, 13 |
| | | Fühler (Wasserdrucksensor) | mit Pos. 12, 13 |
| 27 | 180982 | Pressure gauge | with parts 28, 29 |
| | | Manometer | mit Pos. 28, 29 |
| 28 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 29 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 30 | 0020038565 | Insulation (heat exchanger) | |
| | | Isolierung (SWT) | |
| 31 | 179044 | Protection cap | |
| | | Schutzkappe | |
| 32 | 140015 | De-aeration screw | |
| | | Entlüftungsschraube | |
| 33 | 981166 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 34 | 103429 | NTC sensor (DHW outlet pipe) | |
| | | NTC-Fühler | |
| 35 | 179030 | Filter | |
| | | Sieb | |

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## 12 Control panel - Schaltkasten

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## 12 Control panel - Schaltkasten

VSC S INT 126/2-C 180, VSC S INT 196/2-C 200

| Pos. | Art.-No<br>Teile-Nr. | Part<br>Bezeichnung | Type, note<br>Typ, Bemerkung |
|---|---|---|---|
| | | 03-12-062 | |
| 01 | 193582 | Casing | with parts 02-03 |
| | | Gehäuse (Schaltkasten) | mit Pos. 02-03 |
| 02 | 251955 | Fuse 2.0A T (PK10) | |
| | | Sicherung 2,0A T (10 St.) | |
| 03 | 0020048969 | Buttons grey, kit of 3 | |
| | | Knopf grau, Set a 3 St. | |
| 04 | 0020051344 | Printed circuit board | with part 02 |
| | | Leiterplatte | mit Pos. 02 |
| 04 | 0020056561 | Display (grey) | |
| | | Display (grau) | |
| 06 | 180982 | Pressure gauge | with parts 07-08 |
| | | Manometer | mit Pos. 07-08 |
| 07 | 085751 | Pressure gauge clip | |
| | | Halter | |
| 08 | 981155 | O-Ring (PK10) | |
| | | O-Ring (10 St.) | |
| 09 | 0020051993 | Cable tree | |
| | | Kabelbaum | |
| 09 | 0020038590 | Wiring harness (harness) | not shown |
| | | Kabelbaum (Hydraulik) | nicht dargestellt |
| 10 | 078533 | Cable fixation | |
| | | Zugentlaster, Set | |

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