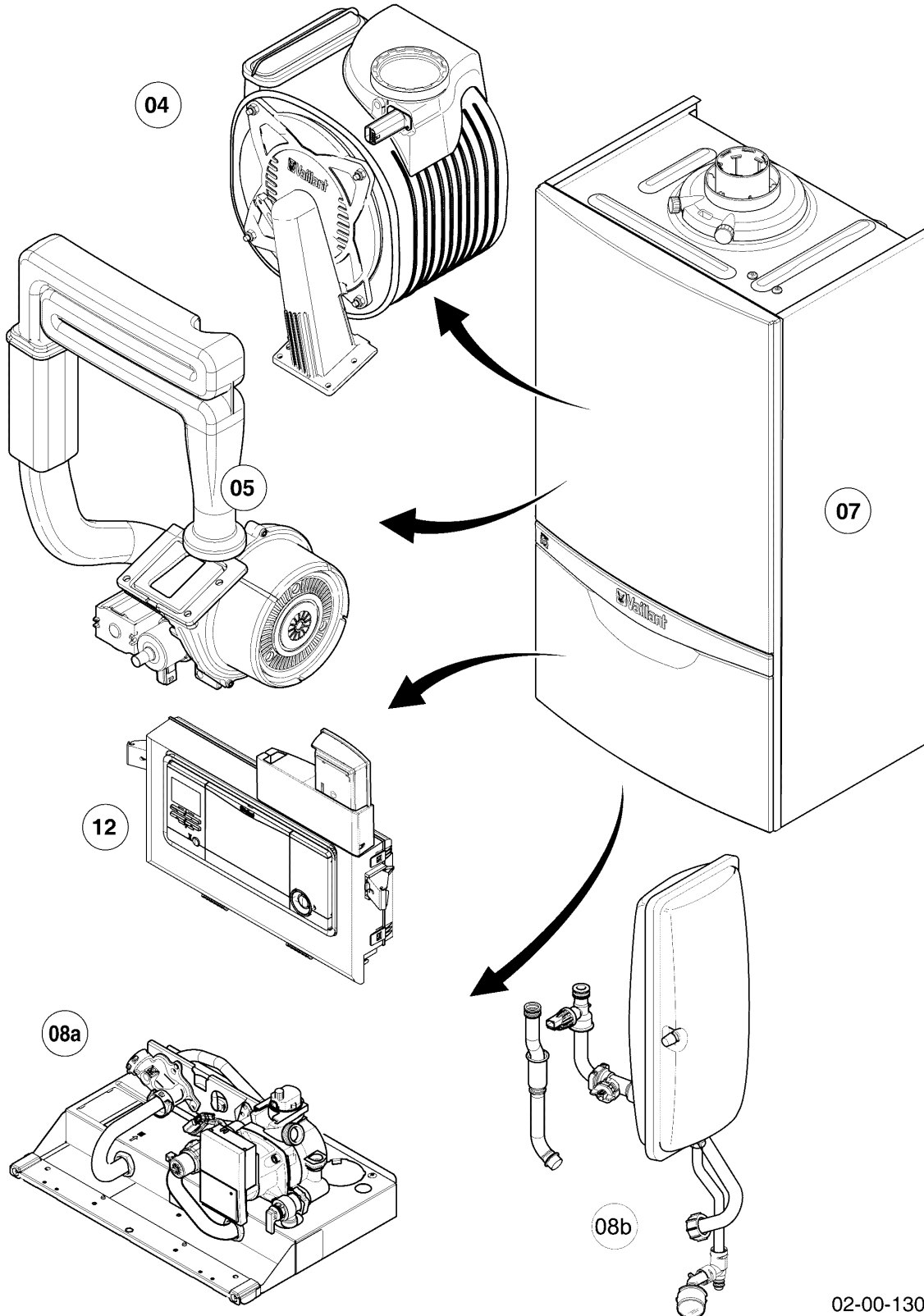


ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)
Assembly overview



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

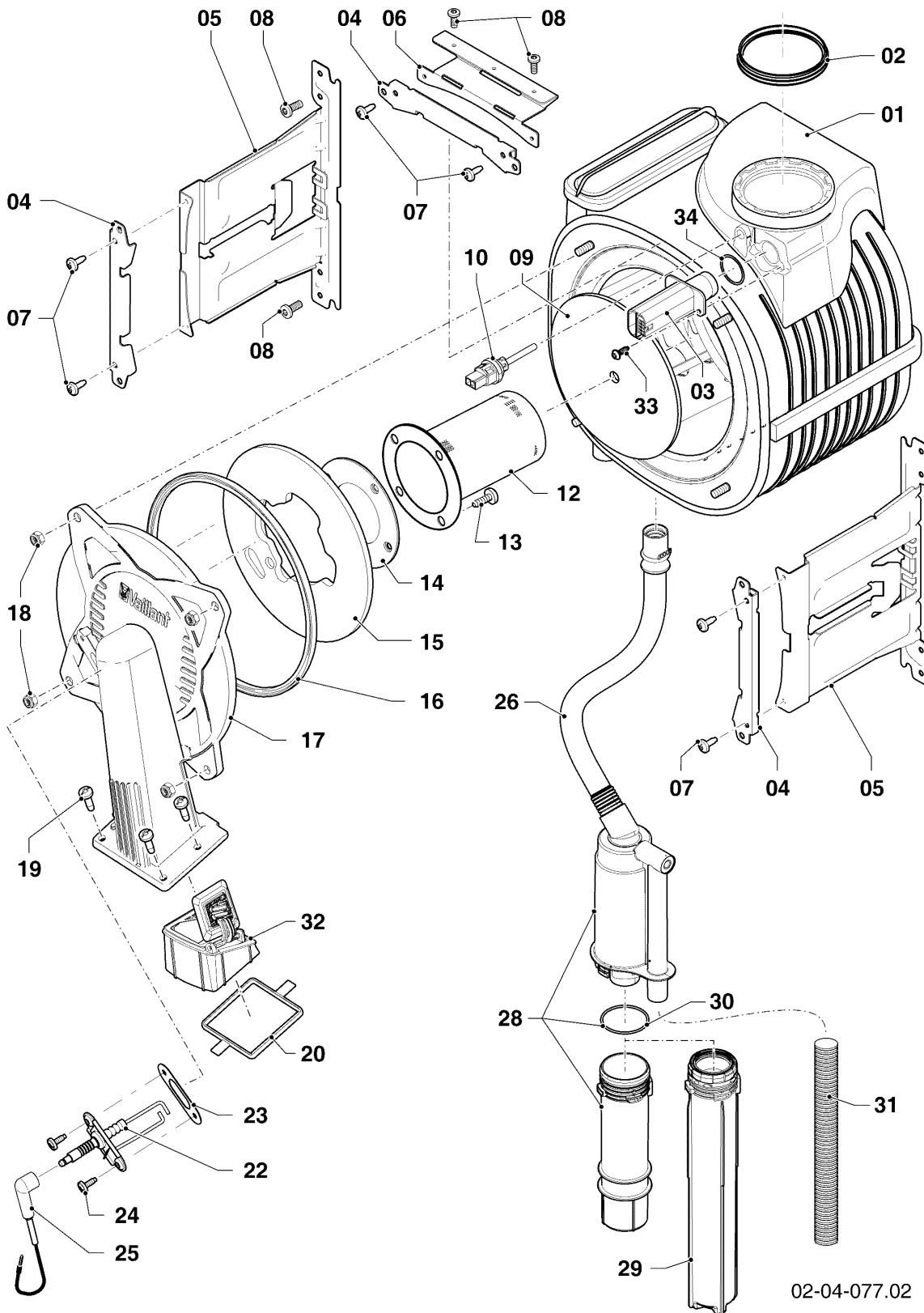
Assembly overview

Pos.	Assembly group
04	Burner, Heat exchanger
05	Gas section
07	Casing parts
08a	Hydraulic parts (Hydroblock)
08b	Hydraulic parts
08c	Connection parts (acc.)
12	Control box

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

04 - Burner, Heat exchanger



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

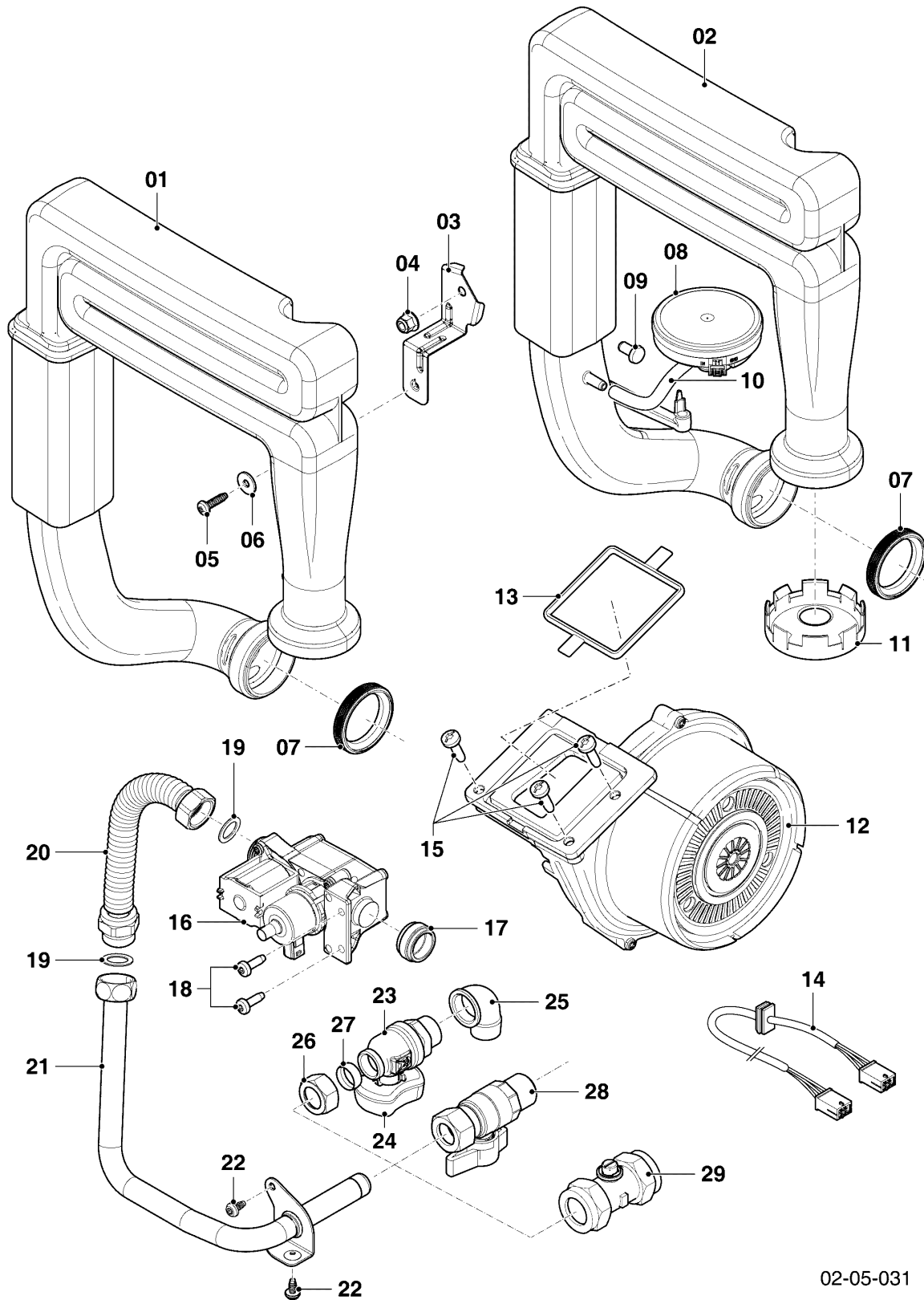
04 - Burner, Heat exchanger

Pos.	Article	Description	Note
01	0020209507	Heat exchanger	with parts 09,16,18,34
02	981227	Sealing ring EPDM (DN 80)	
03	0020209505	Sensor	with parts 33,34
04	0020135117	Support, heat exchanger	with part 07
05	0020135113	Support PHE	with parts 07,08
06	-	-	not for these appliances
07	0020133828	Screw, (PK10)	
08	0020136643	Screw, (PK10)	
09	0020143489	Insulation, 16 mm with clips	
10	-	-	not for these appliances
12	0020223030	Burner	with parts 13,14
13	105900	Screw, (PK10)	
14	981103	Gasket burner	
15	193595	Insulation	with parts 13,14
16	0020038679	Gasket kit	with part 18
17	0020135118	Flange	with parts 13,14,16,18,19,20,23,24
18	0020026537	Nut, M6 (PK5)	
19	193597	Screw, (PK10)	
20	193594	Gasket	
22	0020133816	Electrode	with parts 23,24
23	981330	Gasket electrode	
24	118937	Pan head screw (M 5x12)	
25	0020135119	Cable, ignition	
25	0020075412	Plug (ignition)	
26	-	-	not available as spare part, see pos. no. 28
28	0020141345	Siphon/trap	with part 26
29	-	-	not for these appliances
30	0020077919	O-ring, (PK5)	
31	0020144602	Hose, condensate	
32	-	-	not for GB
33	0020218790	Screw, (PK10)	
34	0020218793	Gasket	

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

05 - Gas section



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

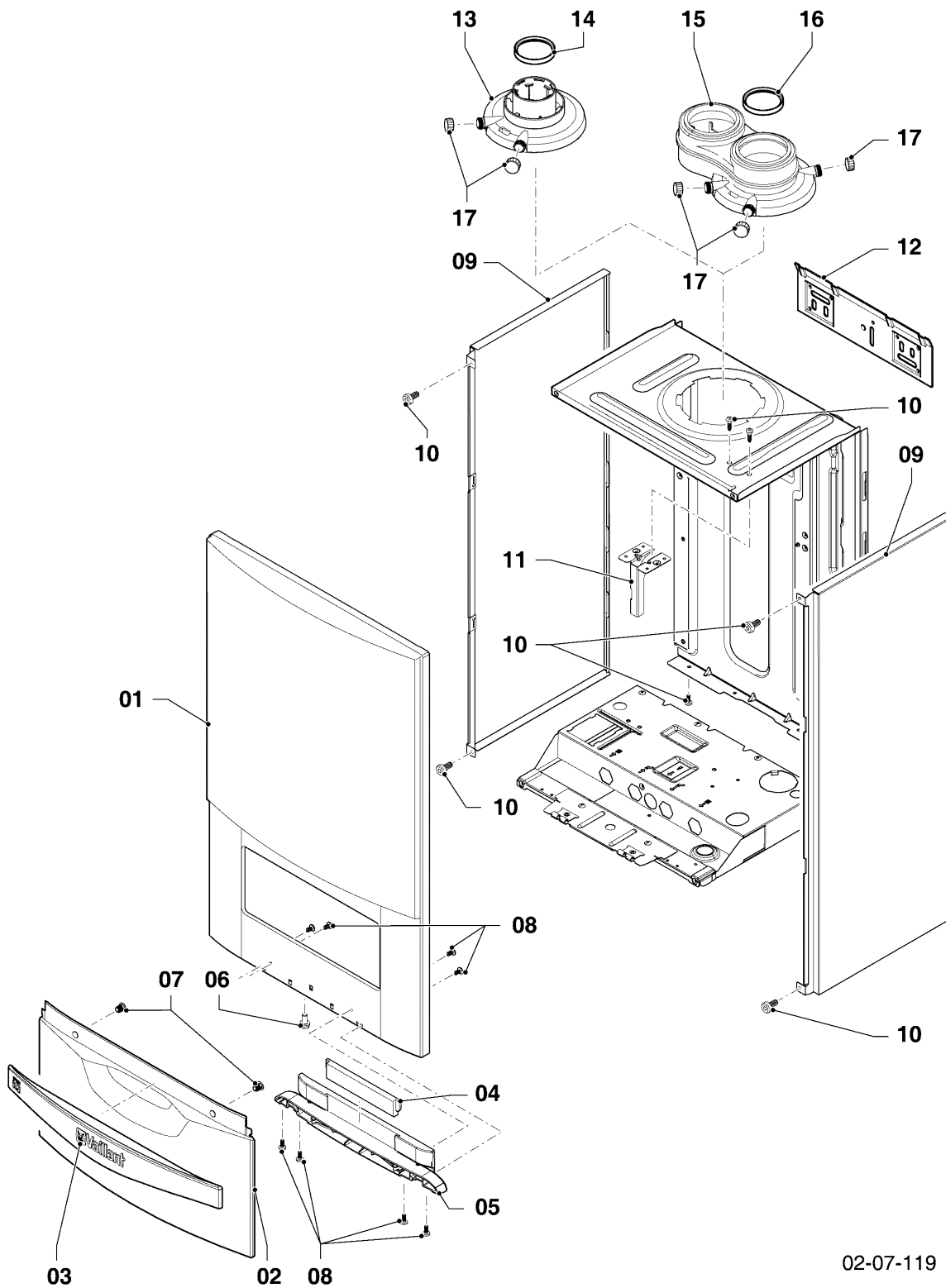
05 - Gas section

Pos.	Article	Description	Note
01	0020223033	Air inlet duct	
02	-	-	not for GB
03	0020135151	Support air inlet duct	with parts 05,06,07
04	0020026537	Nut, M6 (PK5)	
05	0020133833	Screw, (PK10)	
06	0020135152	Washer, (PK10)	
07	0020135149	Gasket air inlet duct	
08	-	-	not for GB
09	-	-	not for GB
10	-	-	not for GB
11	-	-	not for GB
12	0020209512	Fan	with parts 13,15,18
13	193594	Gasket	
14	-	-	not for these appliances
15	193597	Screw, (PK10)	
16	0020209513	Gas control valve	with parts 17,18,19
17	0020195462	Gasket	
18	509685	Screw, (PK10)	
19	981142	Sealing ring, (PK10)	
20	0020209515	Gas pipe, flexible	with part 19
21	0020218787	Gas pipe (bottom)	with parts 19,22
22	0020136643	Screw, (PK10)	
23	-	-	not for these appliances
24	-	-	not for these appliances
25	-	-	not for these appliances
26	-	-	not for these appliances
27	-	-	not for these appliances
28	-	-	not for these appliances
29	082782	Gas shut-off valve 15 x 15	

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

07 - Casing parts



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

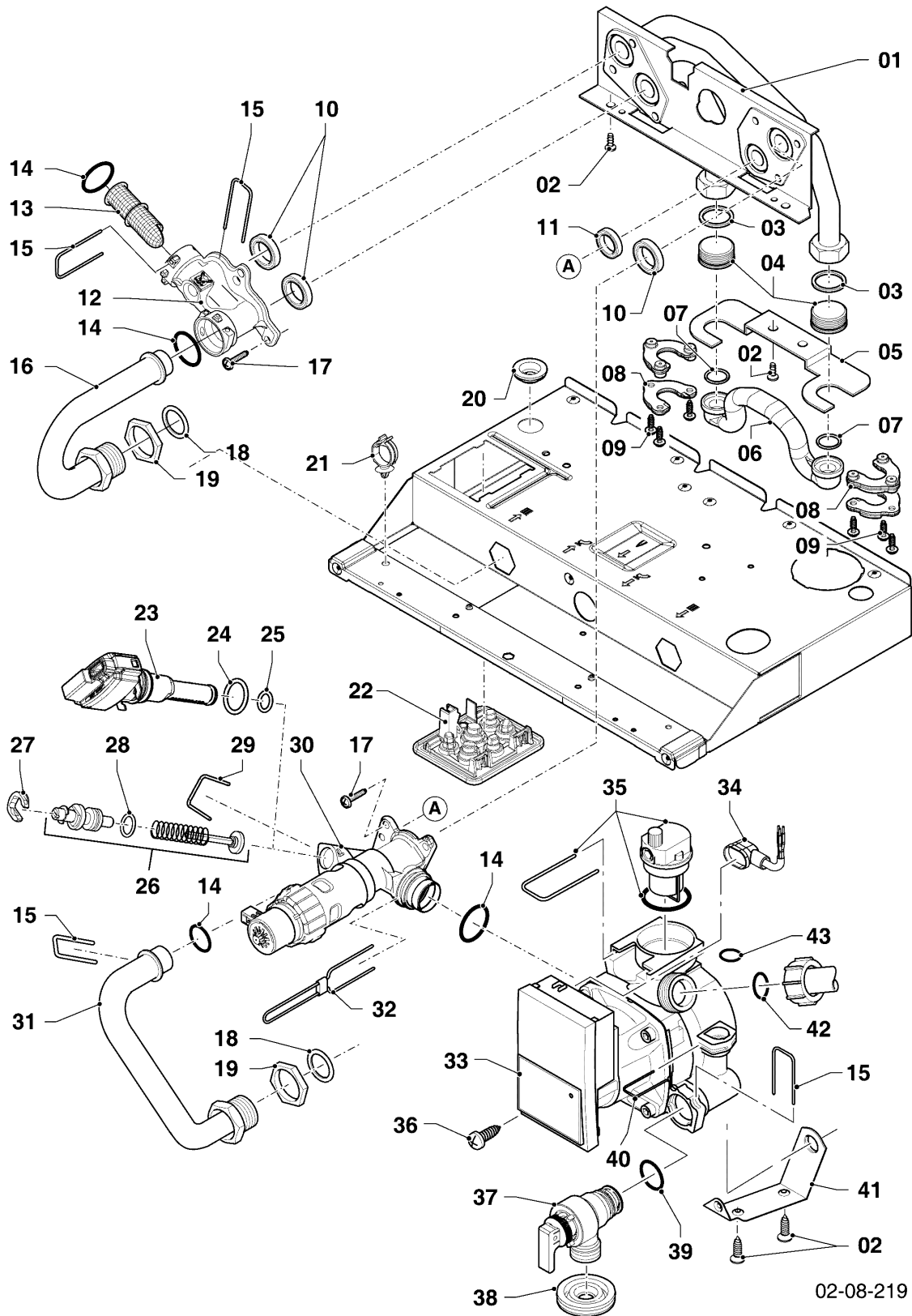
07 - Casing parts

Pos.	Article	Description	Note
01	0020209521	Casing panels, front (exclusive)	with part 06
02	0020223036	Cover	with parts 03,05,07,08
03	0020209523	Handle	with part 07
04	0020141349	Plate, product name	
05	0020144595	Hinge	with part 08
06	105839	Screw, (PK10)	
07	0020068136	Magnet, (PK2)	
08	193538	Screw, (PK10)	
09	0020144593	Casing parts, side panel	with part 10
10	0020136643	Screw, (PK10)	
11	0020144598	Support (expansion vessel)	with part 10
12	180987	Support	
12	0020130588	Fastening kit (screws + plugs)	not shown
13	0020144596	Adapter, 60/100	with parts 14,17
14	981233	Lip seal EPDM (DN 60)	
15	-	-	not for these appliances
16	-	-	not for these appliances
17	147392	Cap, (PK5)	

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

08a - Hydraulic parts (Hydroblock)



ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

08a - Hydraulic parts (Hydroblock)

Pos.	Article	Description	Note
01	0020046782	Plate	with parts 02,10,11,14,17
02	0020107695	Screw, (PK10)	
03	981142	Sealing ring, (PK10)	
04	0020052070	Plug, (PK2)	with part 03
05	-	-	not for these appliances
06	-	-	not for these appliances
07	-	-	not for these appliances
08	-	-	not for these appliances
09	0020218790	Screw, (PK10)	
10	193535	Gasket, C-Type (PK10)	
11	178969	Gasket, C-Type (PK10)	
12	0020140559	Connection, composite	with parts 10,13,14,15,17,40,43
13	179030	Filter	with parts 14,15
14	193537	O-ring, (PK10)	
15	178992	Clip, (PK10)	
16	179033	Pipe	with parts 14,18,19
17	0020133828	Screw, (PK10)	
18	981140	Sealing ring, 3/4 (PK10)	
19	0020144600	Nut, 3/4 (PK4)	
20	509120	Gasket, (PK10)	
21	0020144599	Clip, (PK5)	
22	0020144603	Cable bushing	
23	-	-	not for these appliances
24	-	-	not for these appliances
25	-	-	not for these appliances
26	178980	Bypass	with part 28
27	-	-	not for these appliances
28	981165	O-ring, (PK10)	
29	0020107694	Clip, (PK5)	
30	0020132683	Diverter valve, brass	with parts 15,21,22,35,37
31	180999	Pipe	with parts 14,18
32	178981	Clip	
33	0020221617	Pump	with parts 02,10,11,14,15,29,34,35,36,39,41, 42,43

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

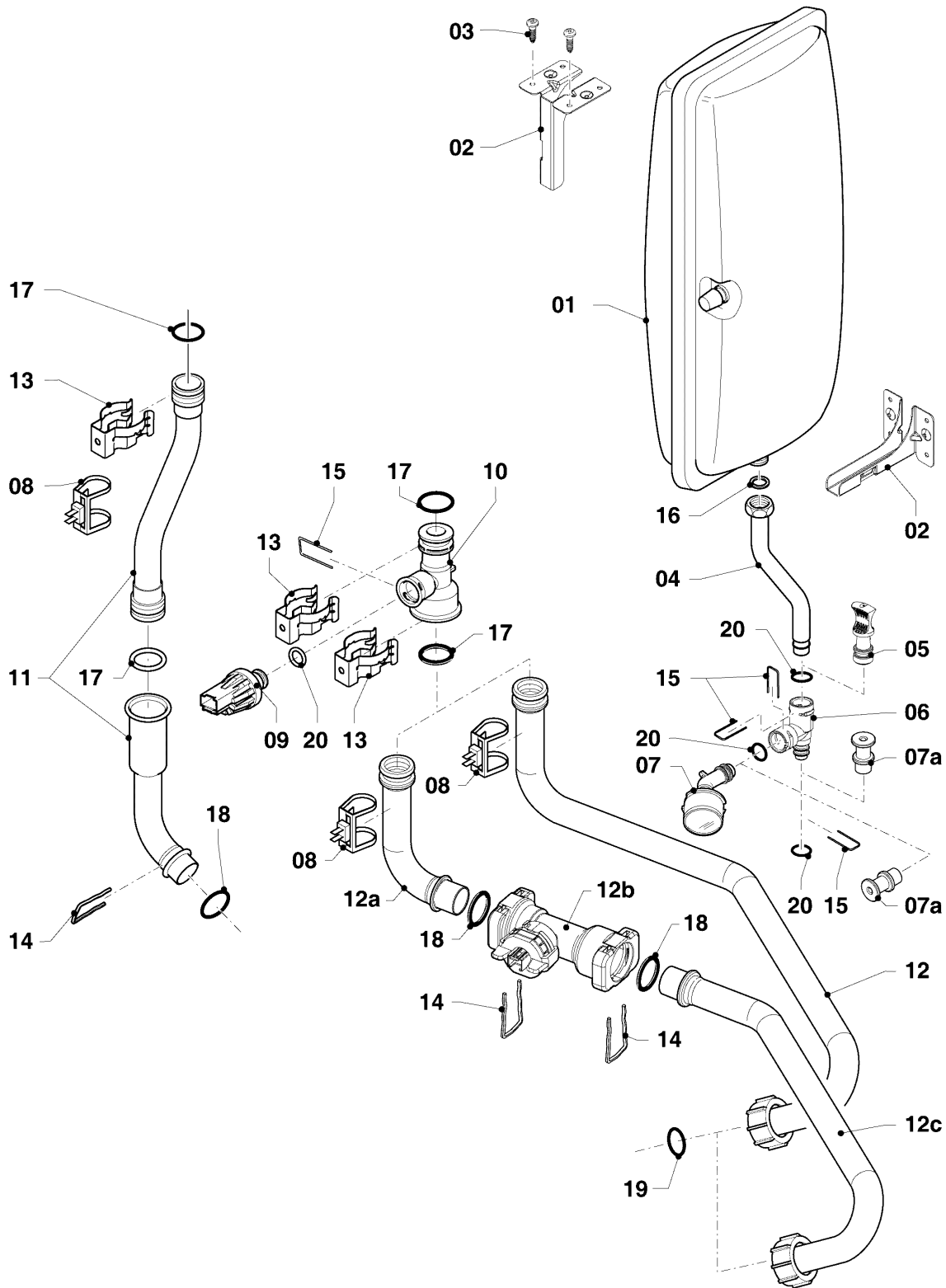
08a - Hydraulic parts (Hydroblock)

Pos.	Article	Description	Note
34	0020234134	Cable, pump (power supply)	
35	104521	Automatic de-aerator	
36	0020133833	Screw, (PK10)	
37	178985	Pressure relief valve, 3 bar	with parts 15,39
38	0020039723	Gasket	
39	178986	O-ring, (PK10)	
40	0020107694	Clip, (PK5)	
41	178984	Support	with parts 02,36
42	193539	O-ring, (PK10)	
43	178993	O-ring, (PK10)	

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

08b - Hydraulic parts



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

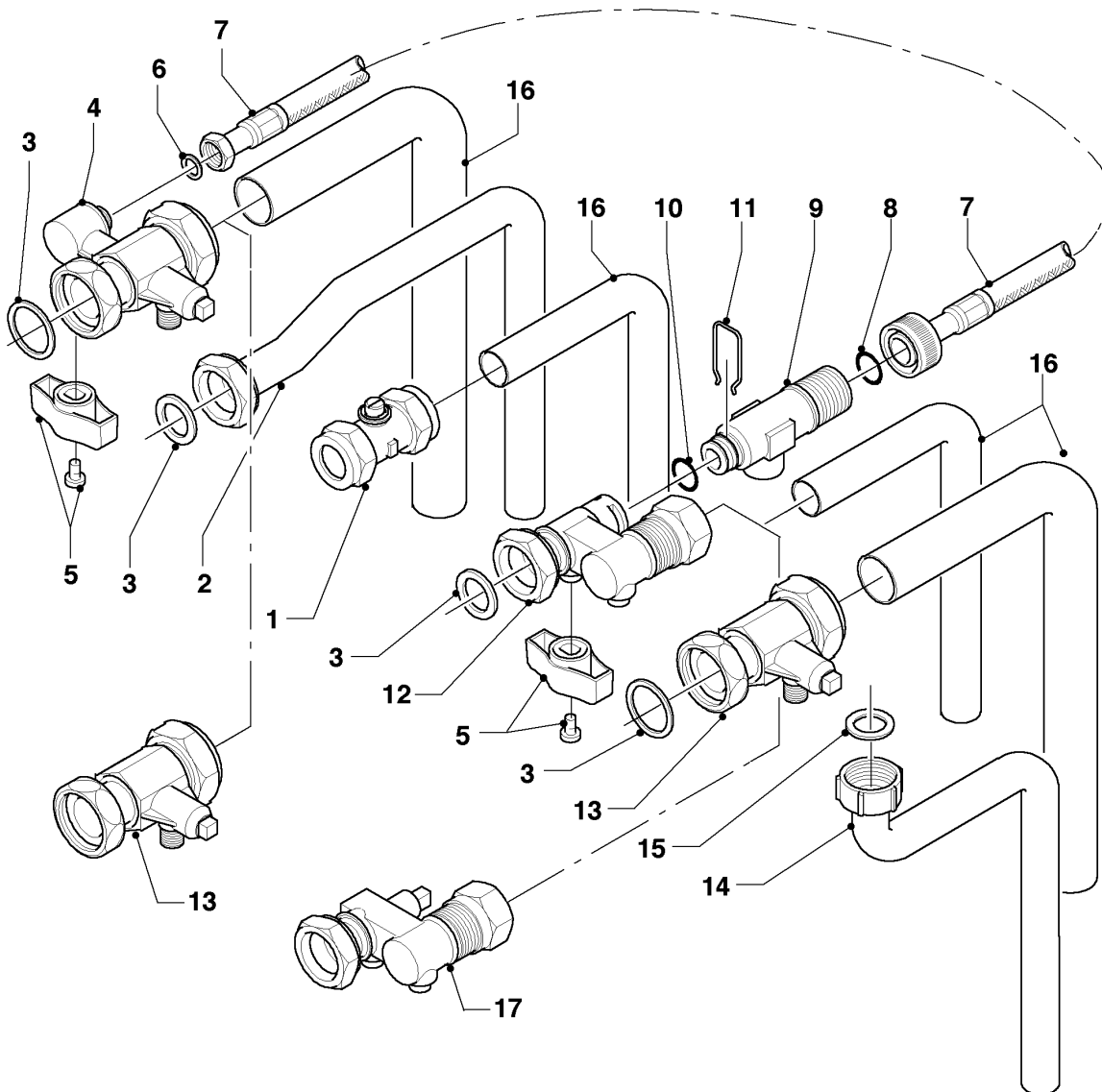
08b - Hydraulic parts

Pos.	Article	Description	Note
01	181051	Expansion vessel 10 ltr.	
02	0020144598	Support (expansion vessel)	with part 03
03	0020136643	Screw, (PK10)	
04	0020144605	Tube, expansion vessel	with parts 15,16,20
05	-	-	not for these appliances
06	0020144608	Adapter	with parts 15,20
07	0020144606	Pressure gauge	with parts 15,20
07a	-	-	not for these appliances
08	193592	Sensor NTC (CH flow/CH return)	
09	0020059717	Sensor (water pressure)	with parts 15,20
10	0020087657	Adapter	with parts 15,17,20
11	0020068956	Connection tube (kit)	with parts 17,18
12	-	-	not for these appliances
12a	0020178129	Tube	with parts 13,14,17,18
12b	0020045923	Sensor (Vortex, DN15)	with part 18
12c	0020178130	Tube	with parts 14,18,19
13	103417	Clip, (PK10)	
14	178992	Clip, (PK10)	
15	0020107694	Clip, (PK5)	
16	981149	Sealing ring, (PK10)	
17	103415	O-ring, (PK10)	
18	193537	O-ring, (PK10)	
19	193539	O-ring, (PK10)	
20	178993	O-ring, (PK10)	

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

08c - Connection parts (acc.)



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ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

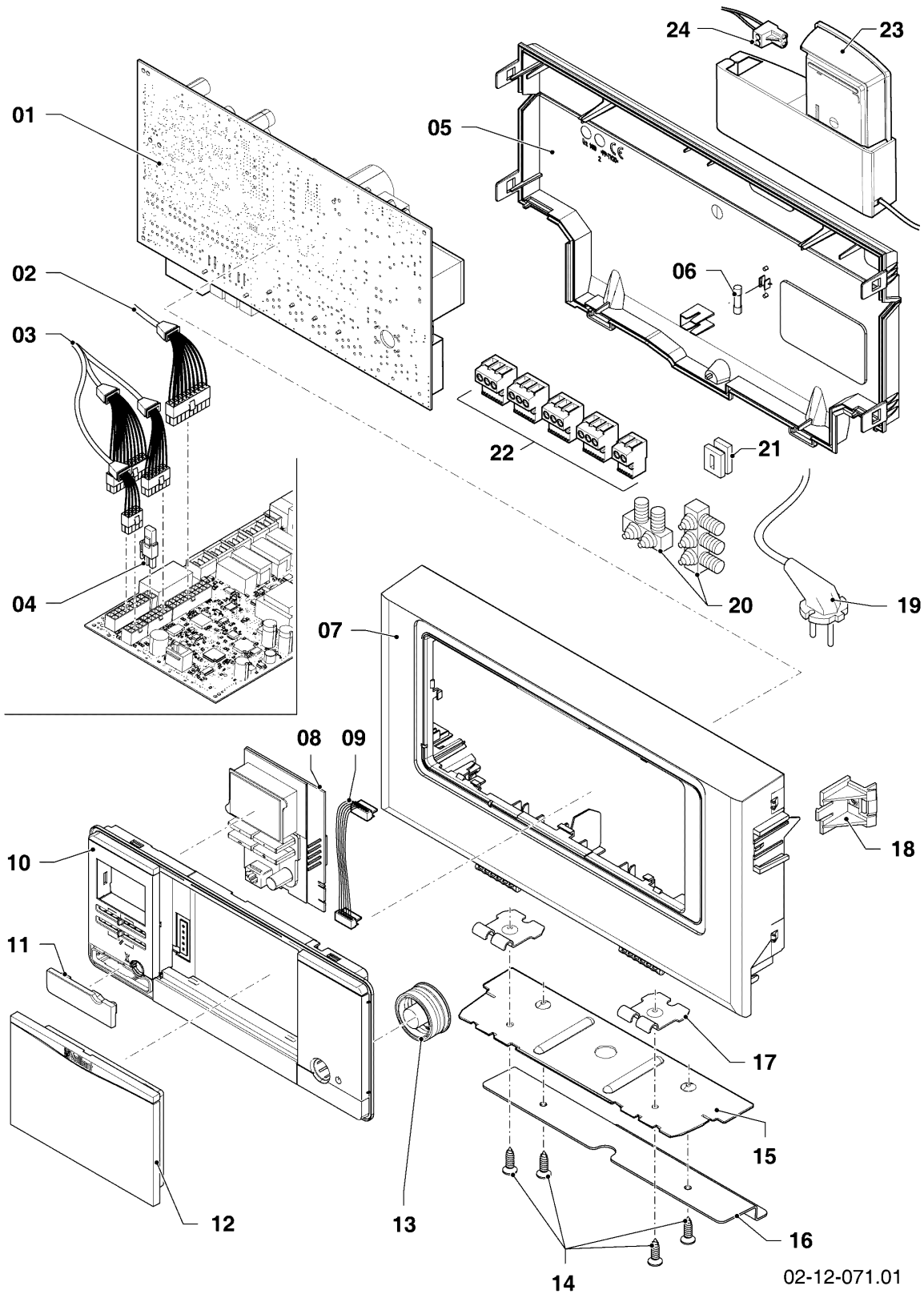
08c - Connection parts (acc.)

Pos.	Article	Description	Note
00	0020005550	ASSEMBLY KIT 178773	not shown
01	082782	Gas shut-off valve 15 x 15	
02	-	-	not for these appliances
03	981140	Sealing ring, 3/4 (PK10)	
04	-	-	not for these appliances
05	0020010292	Handle, (PK2)	
06	-	-	not for these appliances
07	-	-	not for these appliances
08	-	-	not for these appliances
09	-	-	not for these appliances
10	-	-	not for these appliances
11	-	-	not for these appliances
12	-	-	not for these appliances
13	0020010296	Service cock	with part 03
14	0020010297	Tube, pressure relief valve (copper)	with part 15
15	0020010298	Sealing ring (PK10)	
16	0020137082	kit pipes ecoTEC 5-5 system boilers	
17	-	-	not for these appliances

ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

12 - Control box



ecoTEC VU (condensing)

VU 256/5-7 (exclusive 627)

12 - Control box

Pos.	Article	Description	Note
01	0020234139	PCB	with part 22
02	0020223031	Wiring harness	
03	0020209532	Wiring harness	
04	0020242593	Plug, gas coding (E)	for natural gas H
04	0020242592	Plug, gas coding (LPG)	for propane P
05	0020136635	Casing back	with part 06
06	0020067507	Fuse, 2,0 A T2H (PK10)	
07	0020136631	Casing, front (plus)	with parts 10,11,12,13
08	0020186728	Display	
09	0020136630	Cable, display	
10	-	-	not available as spare part, see pos. no. 07
11	0020136640	Cover diagnostic connector	
12	0020136633	Cover control (plus)	
13	0020136642	Button power switch (plus)	
14	0020136643	Screw, (PK10)	
15	-	-	not for these appliances
16	-	-	not for these appliances
17	0020144611	Support, control box (PK2)	with part 14
18	193583	Support, (PK2)	
19	-	-	not for GB
20	078533	Cable fixation	
21	139438	Black plastic filler control box	
22	0020136646	Connector ProE (Set)	
23	0020209541	Support, VR900 (with power supply)	
24	0020209542	Cable, VR900 (eBUS)	