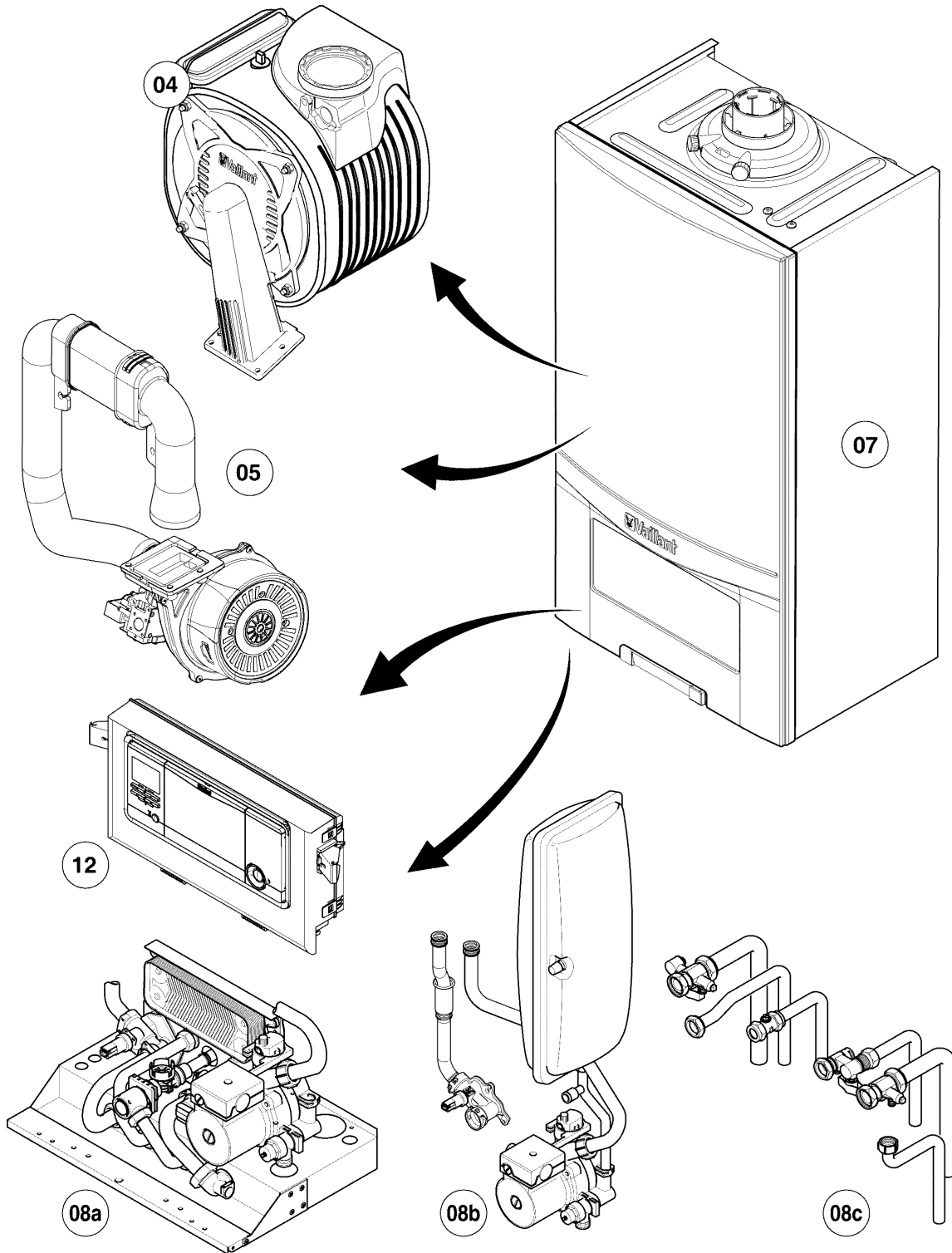


ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

Assembly overview



02-00-112

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

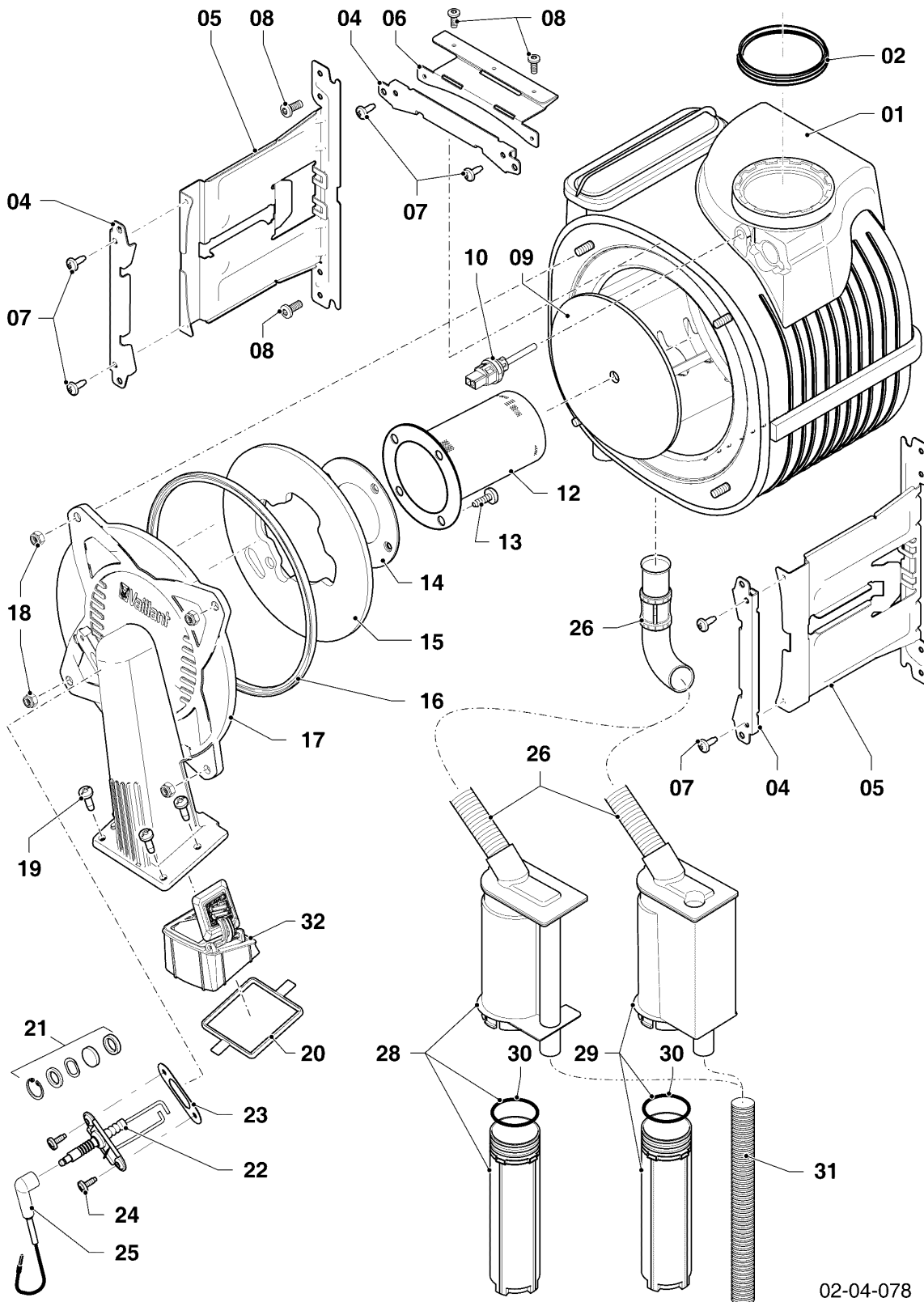
Assembly overview

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 VUW (condensing)

VUW 286/5-3 R4 (pro 28)

04 - Burner, Heat exchanger



02-04-078

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

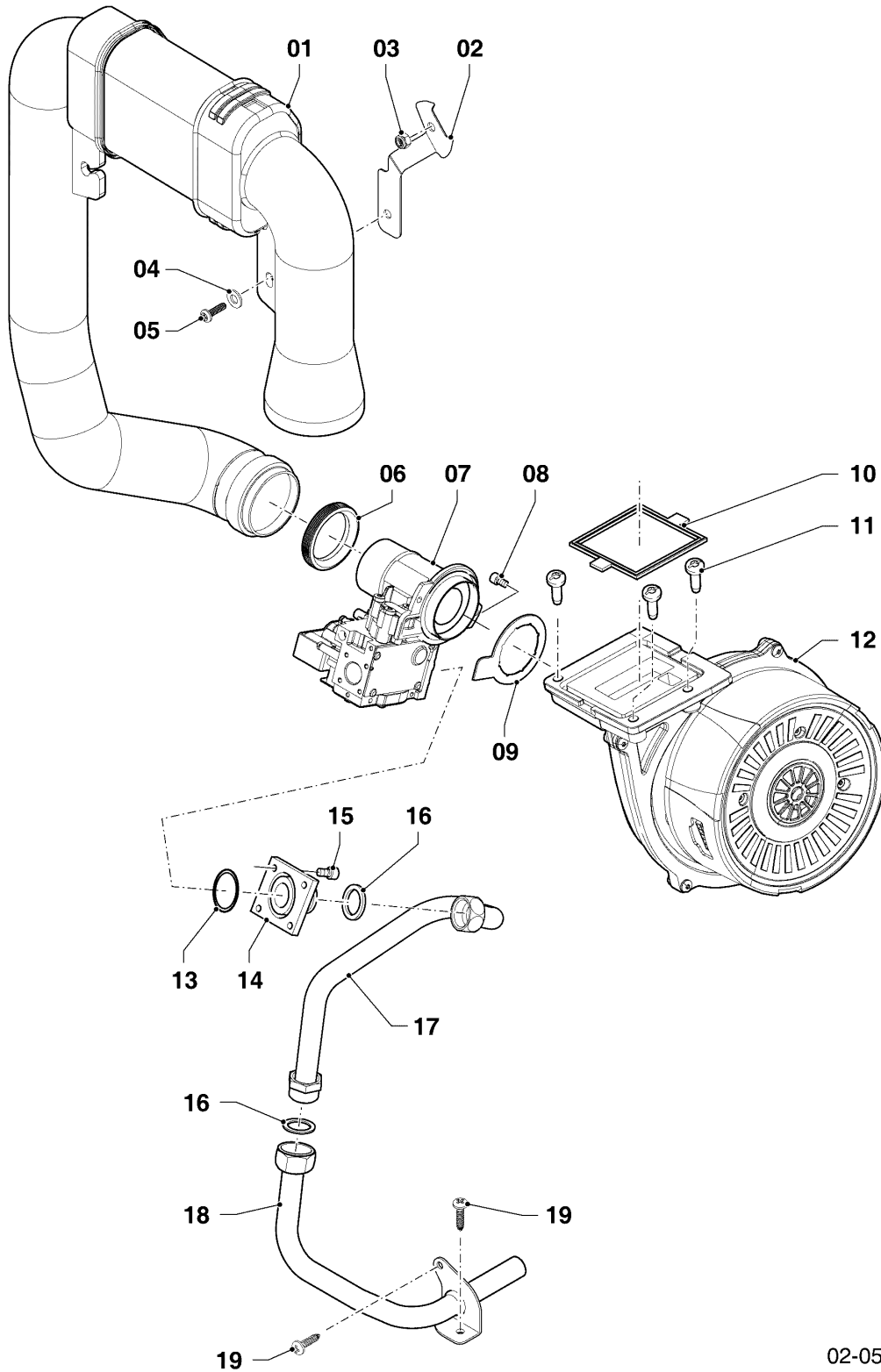
04 - Burner, Heat exchanger

Pos.	Article	Description	Note
01	0020209544	Heat exchanger	VUW 286/5-3 R4 (pro 28), with parts 09,16,18
02	981227	Sealing ring EPDM (DN 80)	
04	0020135117	Support, heat exchanger	with part 07
05	0020135113	Support PHE	VUW 286/5-3 R4 (pro 28), 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	VUW 286/5-3 R4 (pro 28), 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 13,14,16,18,19,20,21,23,24
18	0020026537	Nut, M6 (PK5)	
19	193597	Screw, (PK10)	
20	193594	Gasket	
21	161245	Inspection glass	
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. 28
28	0020184119	Siphon/trap	with part 26
29	-	-	not for these appliances
30	0020077919	O-ring, (PK5)	
31	0020144602	Hose, condensate	
32	-	-	not for these appliances

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

05 - Gas section



02-05-028

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

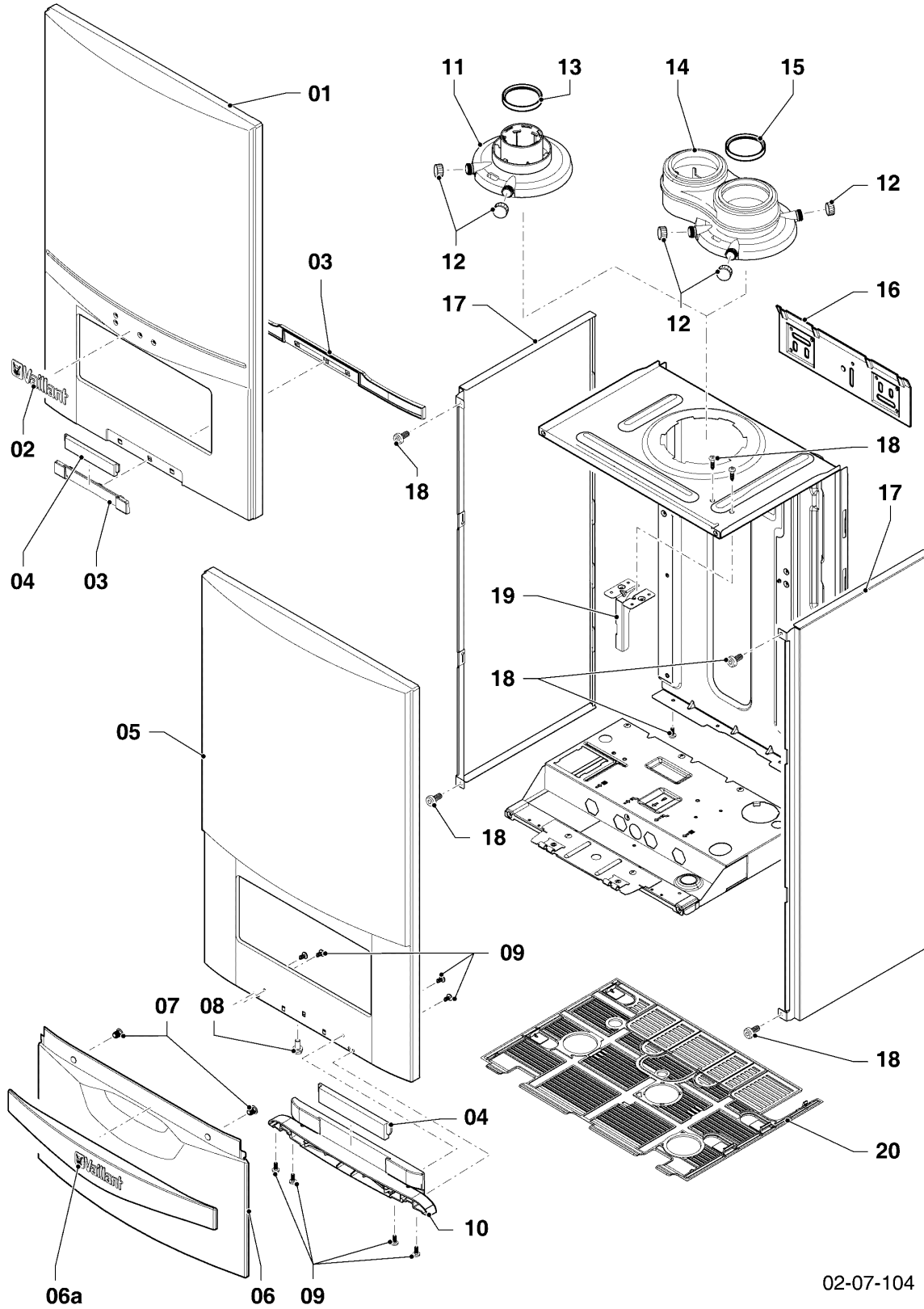
05 - Gas section

Pos.	Article	Description	Note
01	0020135146	Air inlet pipe	
02	0020135151	Support air inlet duct	with parts 03,04,05
03	0020026537	Nut, M6 (PK5)	
04	0020135152	Washer, (PK10)	
05	0020133833	Screw, (PK10)	
06	981111	Gasket	
07	0020146732	Gas section with venturi	VUW 286/5-3 R4 (pro 28), with parts 06,08,09,13,14,15,16
08	509685	Screw, (PK10)	
09	0020135141	Gasket, fan	
10	193594	Gasket	
11	193597	Screw, (PK10)	
12	0020228304	Fan	with parts 08,09,10,11
13	0020133834	O-ring (PK10)	
14	0020010868	Adaptor piece (gas valve)	with parts 13,15,16
15	105904	Screw (set)	
16	981142	Sealing ring, (PK10)	
17	0020141342	Gas pipe (top)	VUW 286/5-3 R4 (pro 28), with part 16
18	0020141343	Gas pipe (bottom)	with parts 16,19
19	0020136643	Screw, (PK10)	

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

07 - Casing parts



02-07-104

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

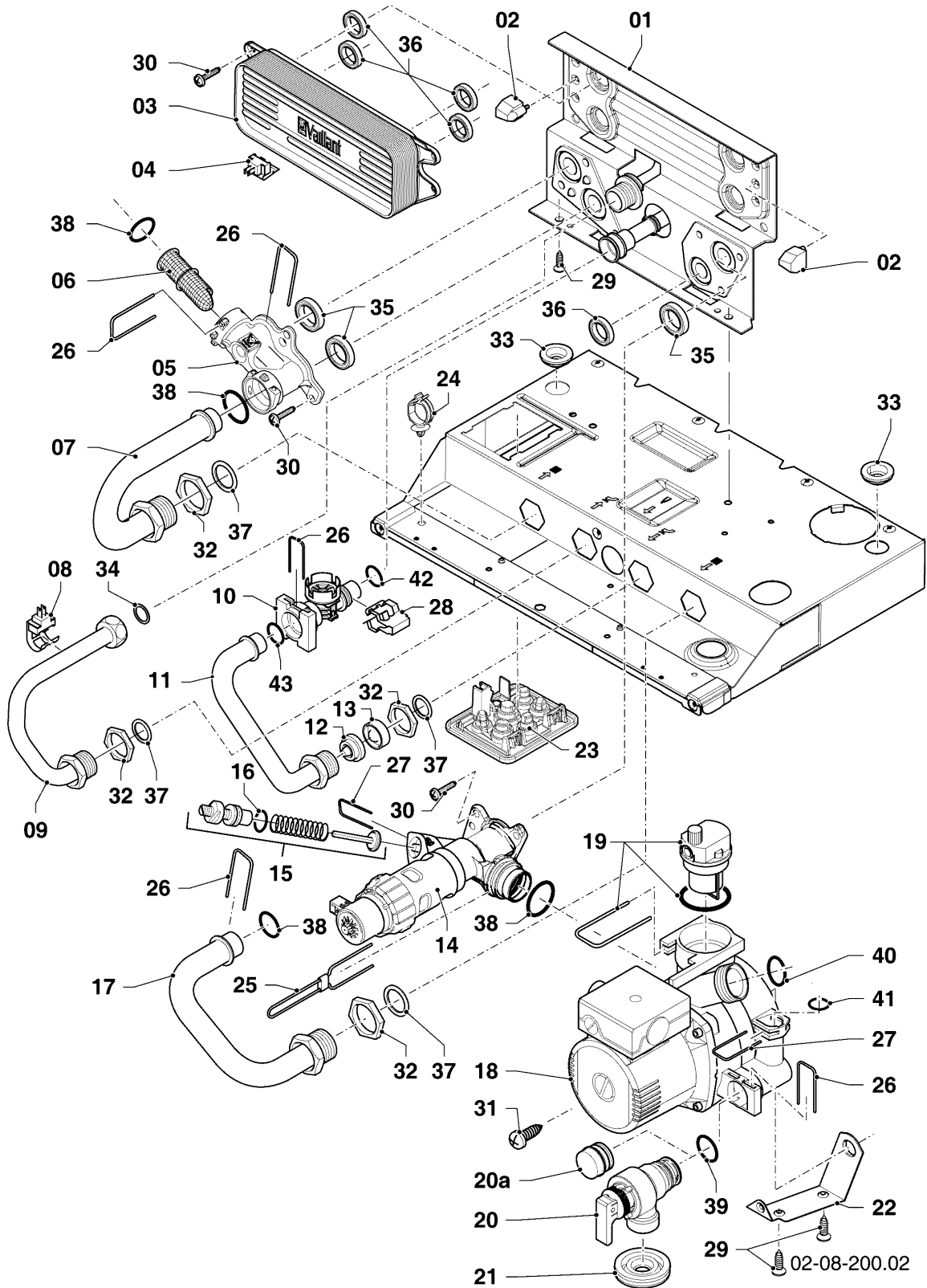
07 - Casing parts

Pos.	Article	Description	Note
01	0020144589	Casing parts, front (pro)	with parts 02,03
02	0020141347	Company plaque Vaillant	
03	0020141348	Support, name plaque	
04	0020141349	Plate, product name	
05	-	-	not for these appliances
06	-	-	not for these appliances
06a	-	-	not for these appliances
07	-	-	not for these appliances
08	105839	Screw, (PK10)	
09	-	-	not for these appliances
10	-	-	not for these appliances
11	0020144596	Adapter, 60/100	with parts 12,13
12	147392	Cap, (PK5)	
13	981233	Lip seal EPDM (DN 60)	
14	-	-	not for these appliances
15	-	-	not for these appliances
16	180987	Support	
16	0020130588	Fastening kit (screws + plugs)	not shown
17	0020144593	Casing parts, side panel	with part 18
18	0020136643	Screw, (PK10)	
19	0020144598	Support (expansion vessel)	with part 18
20	-	-	not for these appliances

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

08a - Hydraulic parts (Hydroblock)



ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

08a - Hydraulic parts (Hydroblock)

Pos.	Article	Description	Note
01	178965	Support	with parts 02,28,29,30,34,35,36,37,38,42,43
02	193536	Guide, (PK2)	
03	0020020018	Heat exchanger dhw, 11 (13) plates	with parts 30,36
04	103430	Sensor NTC (DHW heat exchanger)	
05	0020140559	Connection, composite	with parts 06,26,30,35,38
06	179030	Filter	with parts 26,38
07	179033	Pipe	with parts 32,37,38
08	-	-	not for these appliances
09	179034	Pipe	with parts 34,37
10	178988	Flow sensor	with parts 26,28,42,43
11	117306	Pipe	with parts 13,37,43
12	012976	Limiter 9.4l/min	VUW 286/5-3 R4 (pro 28)
13	074514	Filter	
14	0020020015	Diverter valve, plastic	with parts 15,26,30,35,36,37,38
15	178980	Bypass	with parts 16,27
16	981165	O-ring, (PK10)	
17	180999	Pipe	with parts 37,38
18	0020136638	Pump	with parts 19,22,26,27,29,31,35,36,37,38,39, 40,41
19	104521	Automatic de-aerator	
20	178985	Pressure relief valve, 3 bar	with parts 26,39
20a	-	-	not for these appliances
21	0020039723	Gasket	
22	178984	Support	with parts 29,31
23	0020144603	Cable bushing	
24	0020144599	Clip, (PK5)	
25	178981	Clip	
26	178992	Clip, (PK10)	
27	0020107694	Clip, (PK5)	
28	178966	Clip	
29	0020107695	Screw, (PK10)	

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

08a - Hydraulic parts (Hydroblock)

Pos.	Article	Description	Note
30	0020133828	Screw, (PK10)	
31	0020133833	Screw, (PK10)	
32	0020144600	Nut, 3/4 (PK4)	
33	509120	Gasket, (PK10)	
34	981142	Sealing ring, (PK10)	
35	193535	Gasket, C-Type (PK10)	
36	178969	Gasket, C-Type (PK10)	
37	981140	Sealing ring, 3/4 (PK10)	
38	193537	O-ring, (PK10)	
39	178986	O-ring, (PK10)	
40	193539	O-ring, (PK10)	
41	178993	O-ring, (PK10)	
42	178991	O-ring, (PK10)	
43	981163	O-ring, (PK10)	

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

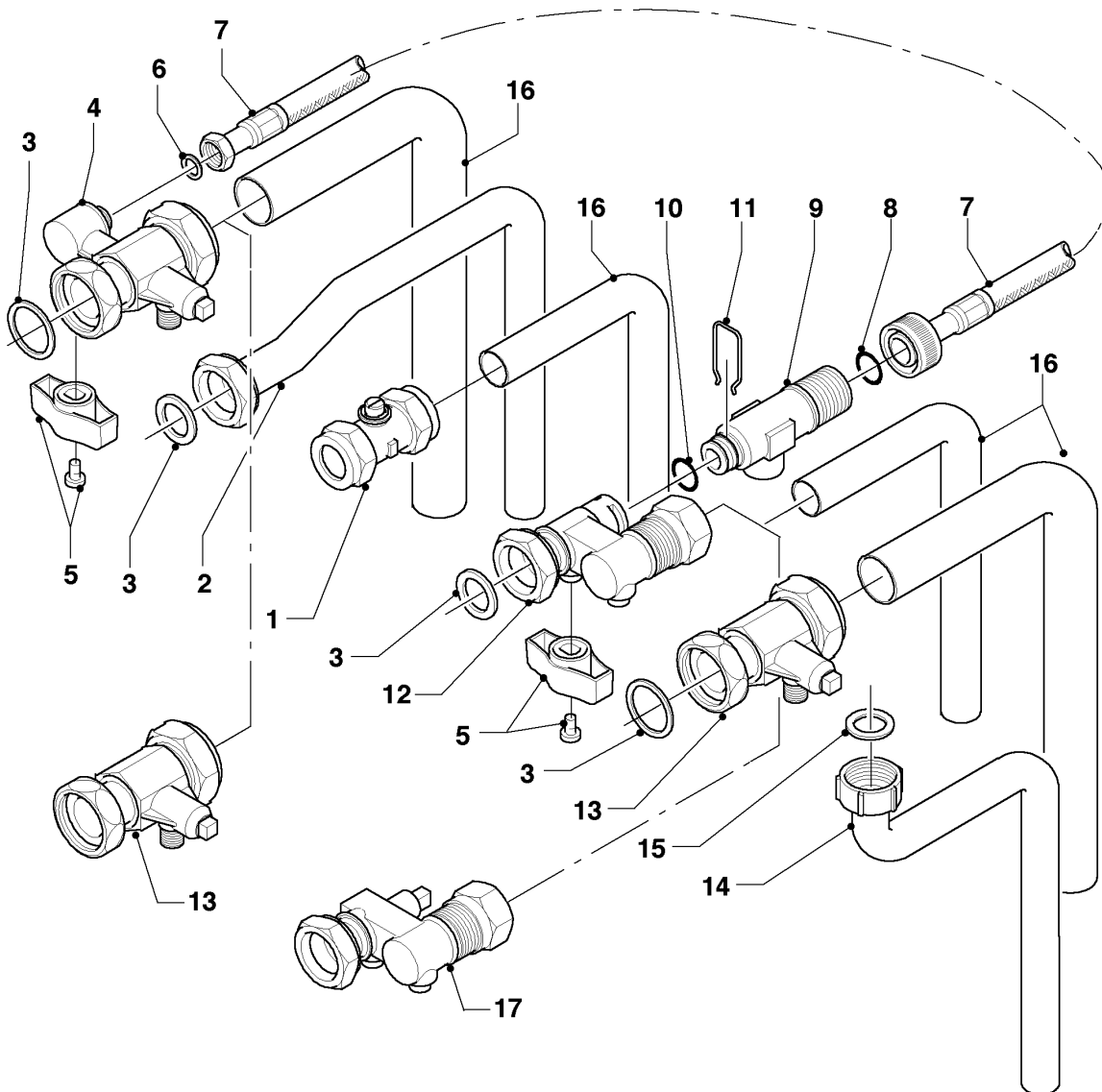
08b - Hydraulic parts

Pos.	Article	Description	Note
01	0020144607	Expansion vessel 8 ltr.	replaced by 181051
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	0020020489	Plug	with part 20
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	0020068958	Connection tube	with parts 10,13,15,17,19,20
12a	-	-	not for these appliances
12b	-	-	not for these appliances
12c	-	-	not for these appliances
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 VUW (condensing)

VUW 286/5-3 R4 (pro 28)

08c - Connection parts (acc.)



02 - 08 - 125.01

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

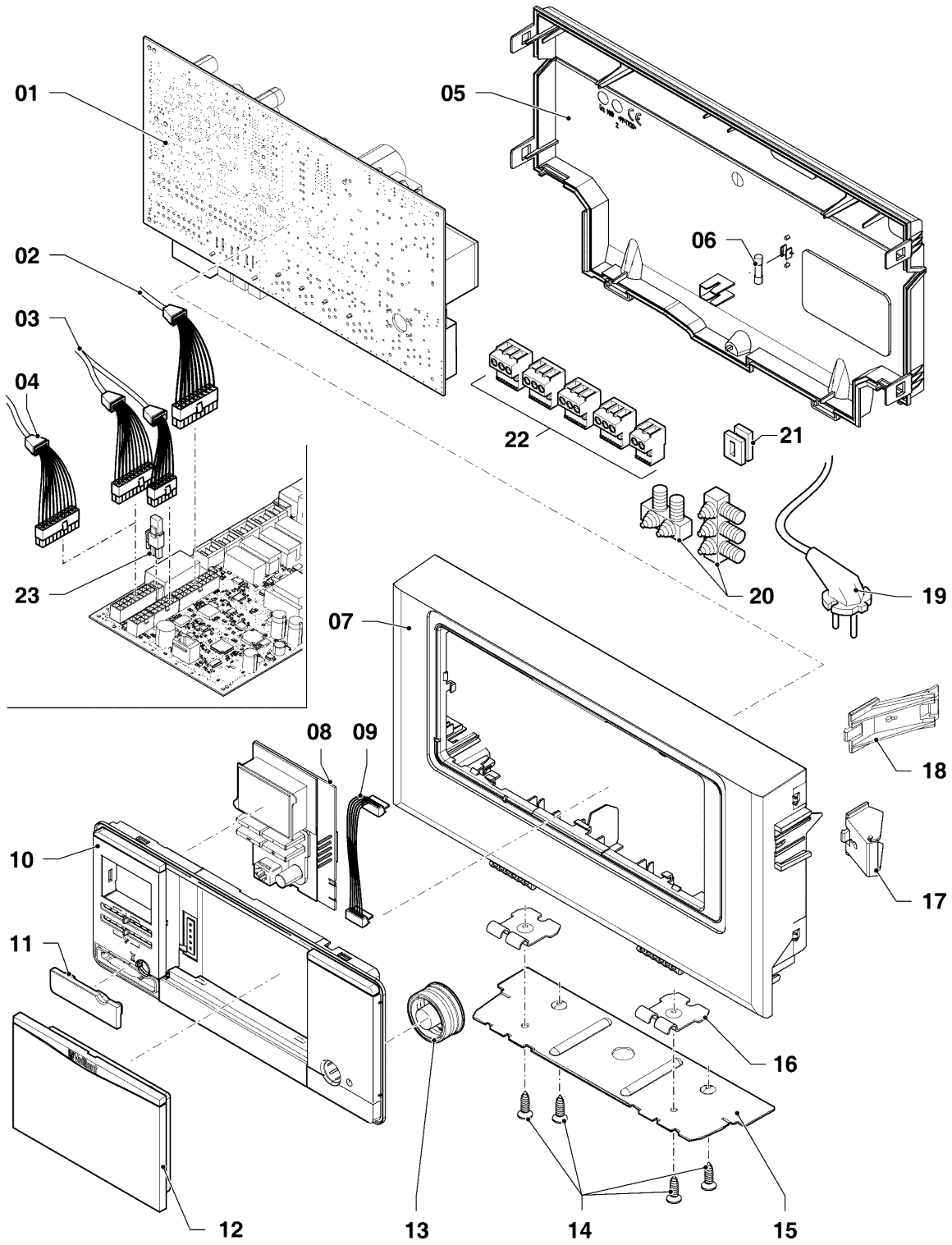
08c - Connection parts (acc.)

Pos.	Article	Description	Note
00	0020005548	ASSEMBLY KIT 178771	not shown
01	082782	Gas shut-off valve 15 x 15	
02	0020010290	Pipe	with part 03
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	-	-	not for these appliances
17	014714	Valve	

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

12 - Control box



02-12-061.01

ecoTEC VUW (condensing)

VUW 286/5-3 R4 (pro 28)

12 - Control box

Pos.	Article	Description	Note
01	0020135165	Printed circuit board	with part 22
02	0020135161	Wiring harness	
03	-	-	not for these appliances
04	0020210208	Wiring harness	
05	0020136635	Casing back	with part 06
06	0020067507	Fuse, 2,0 A T2H (PK10)	
07	0020136632	Casing front (pro)	with parts 10,11,12,13
08	0020136629	Display	
09	0020136630	Cable, display	
10	-	-	not available separately, see pos. 07
11	0020136640	Cover diagnostic connector	
12	0020136634	Cover control (pro)	
13	0020136641	Button power switch (pro)	
14	0020136643	Screw, (PK10)	
15	-	-	not for these appliances
16	0020144611	Support, control box (PK2)	with part 14
17	193583	Support, (PK2)	
18	-	-	not for these appliances
19	-	-	not for GB
20	078533	Cable fixation	
21	139438	Black plastic filler control box	
22	0020136646	Connector ProE (Set)	
23	-	-	not for these appliances