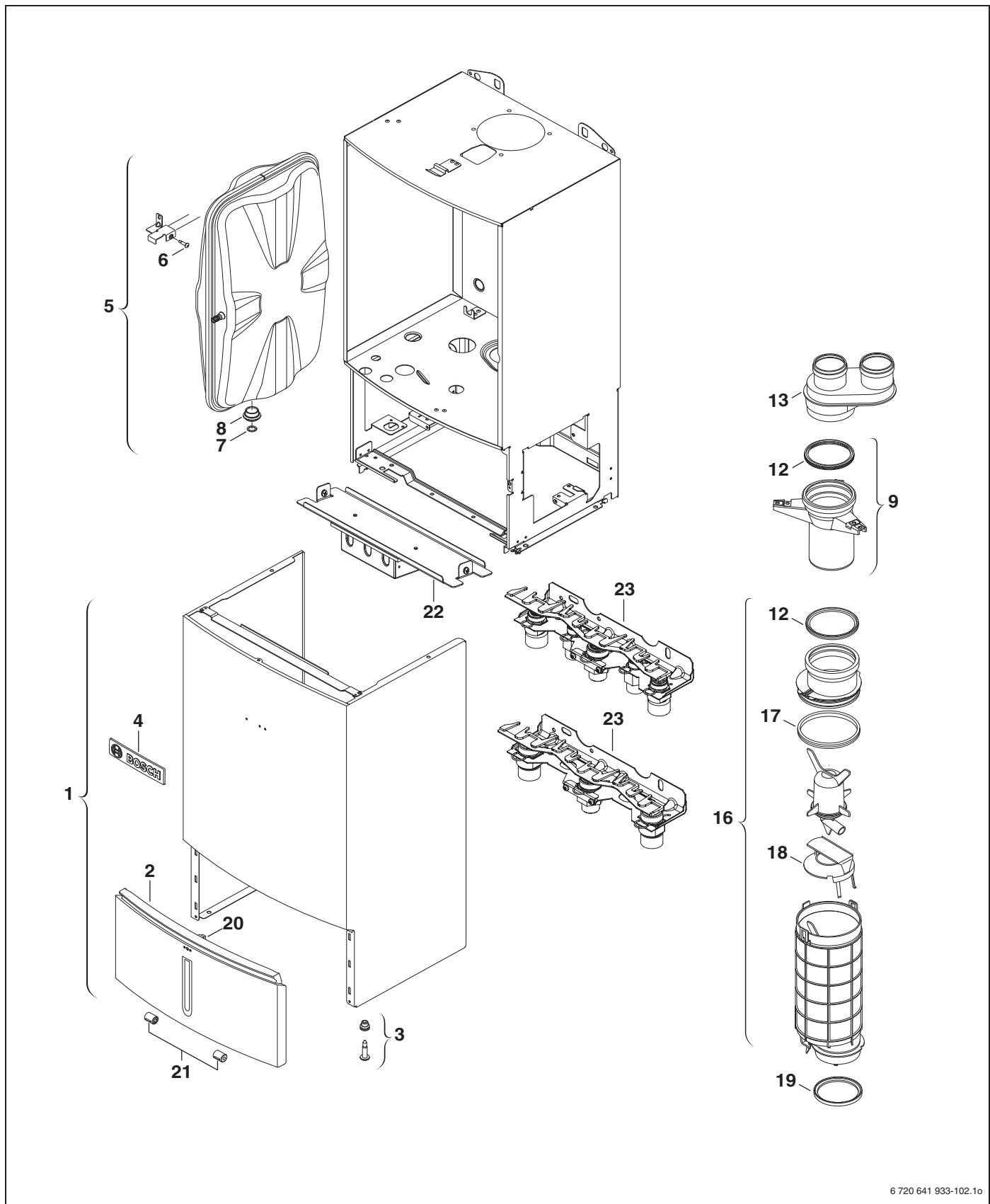


18 Spare parts

- Order spare parts by name and part number using the spare parts list.

Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Spare parts list
Group 1 - Sheet metal	■	■	■	■	■	■	→ page 100
Group 2 - Burner/Heat exchanger	■	■	■	■	■	■	→ page 102
Group 3 - Gas valve	■	■	■	■	■	■	→ page 104
Group 4 - Pipes combi boiler ZWB..-3A					■	■	→ page 106
Group 5 - Pipes heating boiler ZBR..-3A	■	■	■	■			→ page 108
Group 6 - Control box	■	■	■	■	■	■	→ page 110
Group 7 - Hydraulic block combi boiler ZWB..-3A					■	■	→ page 112
Group 8 - Accessories for service/installation	■	■	■	■	■	■	→ page 114

Tab. 43 Spare part groups Greenstar

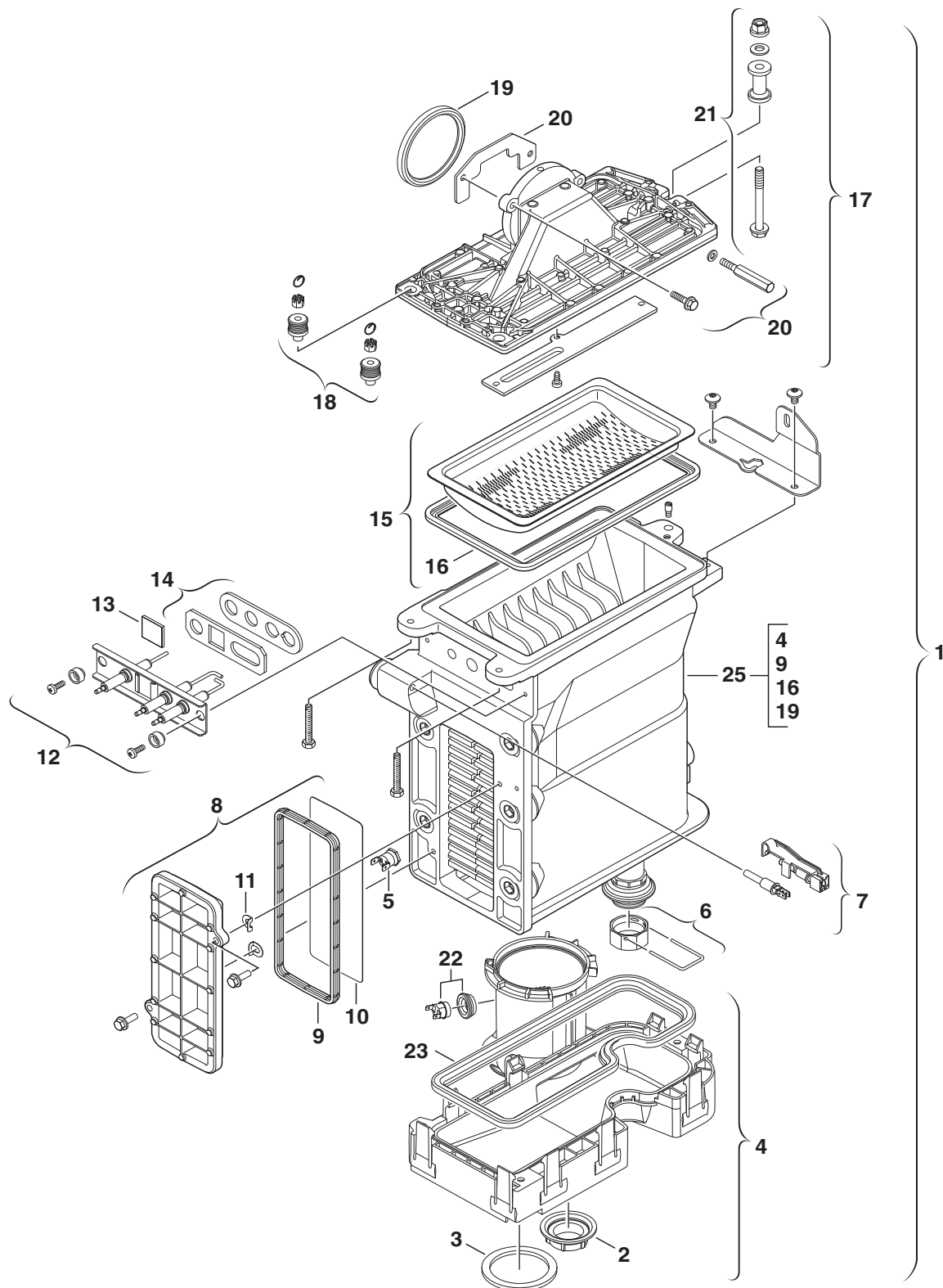


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Fig. 93 Group 1 - Sheet metal Greenstar

Item (→ Fig. 93)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Outer jacket complete	■	■	■	■	■	■	8 718 222 866 0
2	Front cover	■	■	■	■	■	■	8 718 222 827 0
3	Screw M5X22 (10x)	■	■	■	■	■	■	8 713 403 026 0
4	Trade mark badge	■	■	■	■	■	■	8 716 011 807 0
5	Expansion vessel					■	■	8 715 407 328 0
7	Washer 18.6 X 13.5 X 1.5 (10x)					■	■	8 710 103 045 0
8	Brass adapter					■	■	8 710 103 209 0
9	Flue connection	■	■	■	■	■	■	8 710 735 296 0
12	Washer 80 mm	■	■	■	■	■	■	8 711 004 232 0
13	Adapter USA	■	■	■	■	■	■	8 718 226 289 0
16	Silencer complete	■	■	■	■	■	■	8 710 725 353 0
17	Gasket	■	■	■	■	■	■	8 711 004 278 0
18	Throttle disc	■	■	■	■	■	■	8 710 100 209 0
19	Flue pipe gasket	■	■	■	■	■	■	8 722 933 330 0
20	Latch (1x)	■	■	■	■	■	■	8 718 224 302 0
21	Damper (2x)	■	■	■	■	■	■	8 718 224 267 0
22	Junction box USA ZBR - heating boiler	■	■	■	■			8 737 701 425 0
	Junction box USA ZWB - combi boiler					■	■	8 737 701 563 0
23	Connection kit ZWB - combi boiler					■	■	8 718 661 616 0
	Connection kit ZBR - heating boiler	■	■	■	■			8 718 661 617 0

Tab. 44 Group 1 - Sheet metal Greenstar

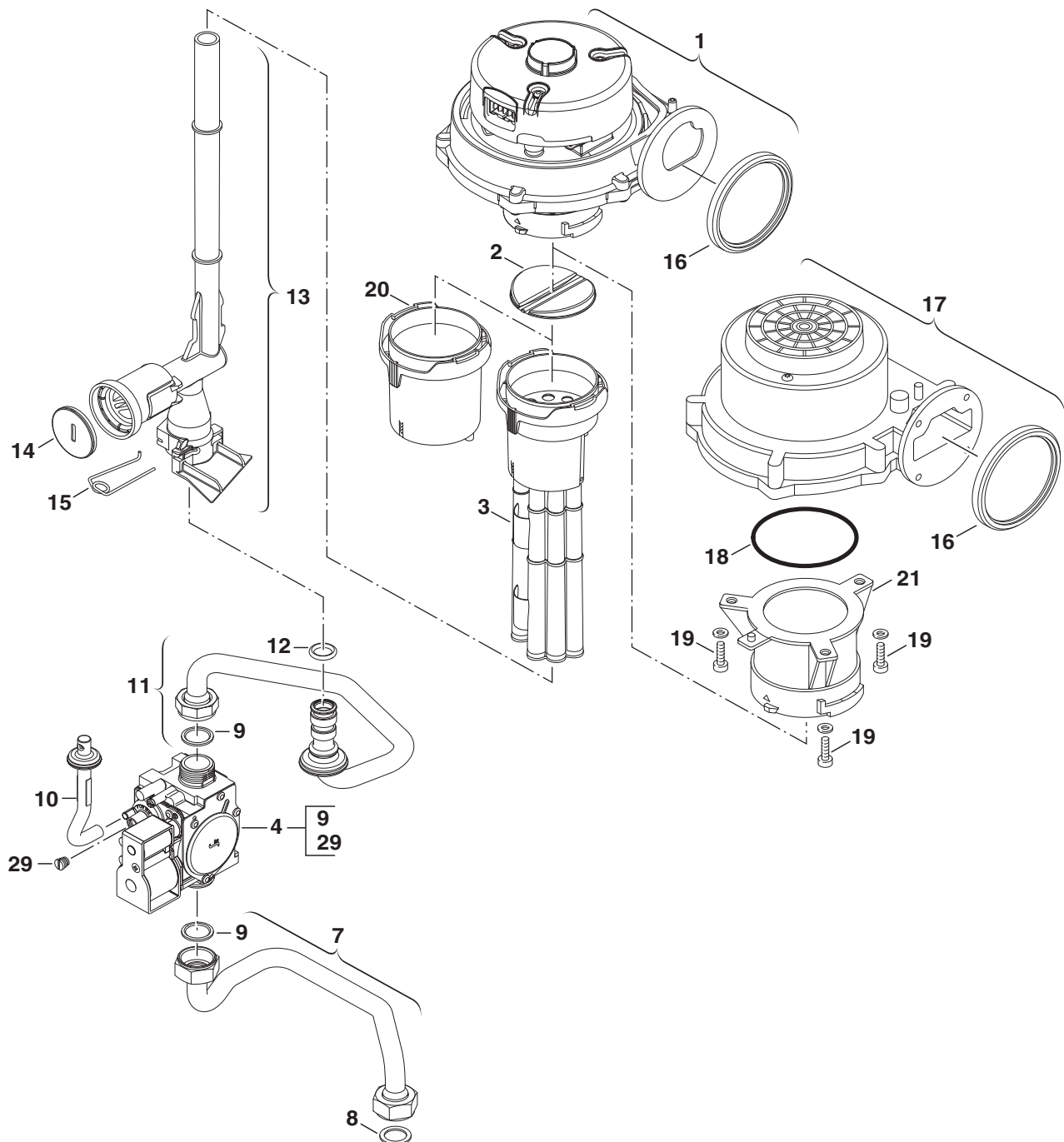


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Fig. 94 Group 2 - Burner/Heat exchanger Greenstar

Item (→ Fig. 94)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Heating block ZBR16/28 USA - heating boiler	■	■					8 737 701 459 0
	Heating block ZBR35/42 USA - heating boiler			■	■			8 737 701 460 0
	Heating block ZWB28 USA - combi boiler					■		8 737 701 461 0
	Heating block ZWB42 USA - combi boiler						■	8 737 701 462 0
2	Nut	■	■	■	■	■	■	8 713 301 196 0
3	Set of gaskets	■	■	■	■	■	■	8 710 103 206 0
4	Flue gas and condensate collector	■	■	■	■	■	■	8 718 006 944 0
5	Temperature limit sensor	■	■	■	■	■	■	8 722 963 858 0
6	Return pipe nut and safety pin	■	■	■	■			8 719 928 487 0
7	Temperature sensor	■	■	■	■	■	■	8 714 500 087 0
8	Cover	■	■	■	■	■	■	8 711 000 262 0
9	Gasket	■	■	■	■	■	■	8 710 103 153 0
10	Shield	■	■	■	■	■	■	8 718 003 836 0
11	Clip (10x)	■	■	■	■	■	■	8 710 100 190 0
12	Set of electrodes complete	■	■	■	■	■	■	8 718 107 089 0
13	Flame viewing window	■	■	■	■	■	■	8 715 600 018 0
14	Gasket (10)	■	■	■	■	■	■	8 711 004 264 0
15	Burner	■	■	■	■	■	■	8 718 006 658 0
16	Burner gasket	■	■	■	■	■	■	8 711 004 168 0
17	Top burner cover complete	■	■	■	■	■	■	8 715 416 029 0
18	Attachment nuts, washers, safety pins (set of 2)	■	■	■	■	■	■	8 710 305 296 0
19	Gasket	■	■	■	■	■	■	8 729 000 183 0
20	Bracket	■	■	■	■	■	■	8 718 005 603 0
21	Attachment bolt complete	■	■	■	■	■	■	8 710 305 297 0
22	Temperature limiter assy	■	■	■	■	■	■	8 710 506 267 0
23	Heat exchanger gasket	■	■	■	■	■	■	8 710 103 155 0
25	Heat exchanger block (incl. set of gaskets) incl. flue gas and condensate collector (item 4)	■	■	■	■	■	■	8 737 701 797 0

Tab. 45 Group 2 - Burner/Heat exchanger Greenstar

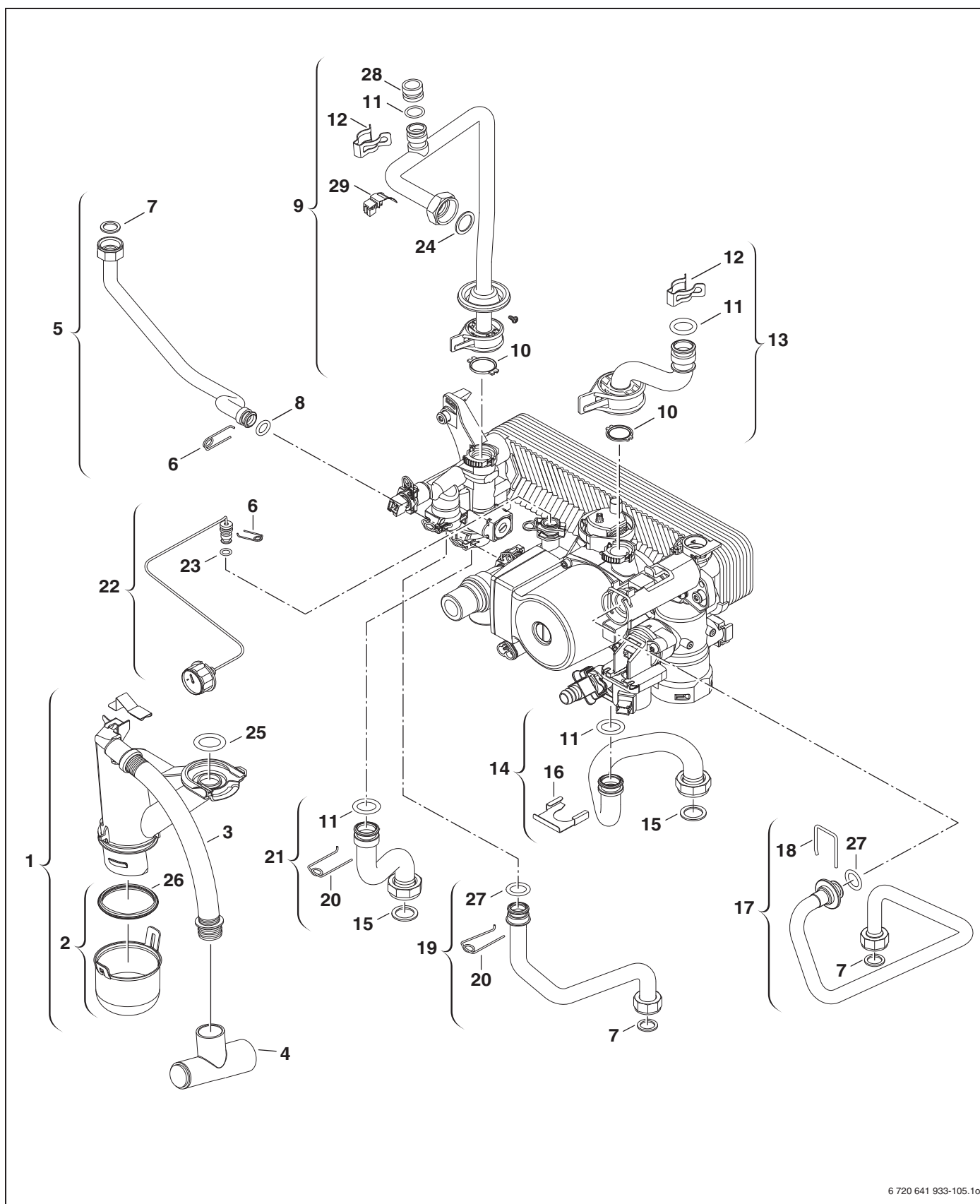


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Fig. 95 Group 3 - Gas valve Greenstar

Item (→ Fig. 95)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Fan RG130 USA	■	■			■		8 718 226 185 0
2	Diaphragm	■	■	■	■	■	■	8 715 505 928 0
3	Air limiter			■	■		■	8 710 505 210 0
	Air limiter		■			■		8 710 505 212 0
4	Gas valve USA, incl. 9 Washer 18.3x24.3 (item 4) and Port screw (item 29).	■	■	■	■	■	■	8 718 226 391 0
7	Gas pipe below USA	■	■	■	■	■	■	8 718 225 756 0
8	Fibre gasket 25x30x1.5 (10x)	■	■	■	■	■	■	8 710 103 014 0
9	Washer 18.3x24.3 (10x)	■	■	■	■	■	■	8 710 103 161 0
10	Pipe	■	■	■	■	■	■	8 718 221 063 0
11	Gas pipe top USA	■	■	■	■	■	■	8 718 225 762 0
12	O-ring (10x)	■	■	■	■	■	■	8 710 205 103 0
13	Gas pipe	■	■	■	■	■	■	8 710 735 387 0
14	Cover	■	■	■	■	■	■	8 712 305 092 0
15	Safety clip 18mm (10x)	■	■	■	■	■	■	8 716 771 169 0
16	Gasket	■	■	■	■	■	■	8 729 000 183 0
17	Fan RG128 USA			■	■		■	8 718 226 184 0
18	O-ring (10x)	■	■	■	■	■	■	8 722 880 175 0
19	Screw m4x6 taptite zc pl p/h	■	■	■	■	■	■	2 914 411 424 0
20	Air limiter	■						8 718 220 416 0
21	Connecting flange			■	■		■	8 710 506 279 0
29	Port screw	■	■	■	■	■	■	8 718 222 744 0

Tab. 46 Group 3 - Gas valve Greenstar



6 720 641 933-105.1o

Fig. 96 Group 4 - Pipes combi boiler ZWB.-3A Greenstar

Item (→ Fig. 96)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Condensate trap complete					■	■	8 710 506 271 0
2	Cup incl. gasket					■	■	8 710 506 273 0
3	Drain hose					■	■	8 710 703 178 0
4	Drain Tee					■	■	8 710 735 076 0
5	Expansion vessel connecting pipe complete					■	■	8 710 735 318 0
6	Safety clip 10mm (10x)					■	■	8 716 771 167 0
7	Gasket 18.6 X 13.5 X 1.5 (10x)					■	■	8 710 103 045 0
8	O-ring 12.5x3 WRAS / KTW (10x)					■	■	8 716 107 437 0
9	Supply pipe USA ZWB - combi boiler					■	■	8 737 701 821 0
10	Gasket 18.5x24.3 (10x)					■	■	8 716 771 259 0
11	O-ring 17x4 (10x)					■	■	8 716 771 154 0
12	Safety clip (10x)					■	■	8 711 200 024 0
13	Upper heating return pipe complete					■	■	8 710 735 324 0
14	Lower heating return pipe complete					■	■	8 710 735 396 0
15	Fibre gasket 23.9 X 17.2 X 1.5 (10x)					■	■	8 710 103 043 0
16	Safety clip inlet adapter					■	■	8 716 106 432 0
17	Fresh water inlet pipe					■	■	8 710 735 430 0
18	Safety clip supply sensor					■	■	8 716 106 488 0
19	DHW outlet pipe					■	■	8 710 735 427 0
20	Wire form spring 18mm (10x)					■	■	8 716 771 169 0
21	Supply pipe					■	■	8 710 735 428 0
22	Pressure gauge USA complete					■	■	8 718 226 104 0
23	O-ring 2.62 x 6.02 ID EPDM (10x)					■	■	8 716 140 810 0
24	Gasket 1" (10x)					■	■	8 710 103 046 0
25	O-ring 26.34 x 5.33 (5X)					■	■	8 710 205 098 0
26	Gasket set					■	■	8 710 103 154 0
27	O-ring 13.87 x 3.53 (10X)					■	■	8 716 771 155 0
28	Adapter LWCO					■	■	8 718 226 386 0
29	Temperature sensor					■	■	8 714 500 117 0

Tab. 47 Group 4 - Pipes combi boiler ZWB.-3A Greenstar

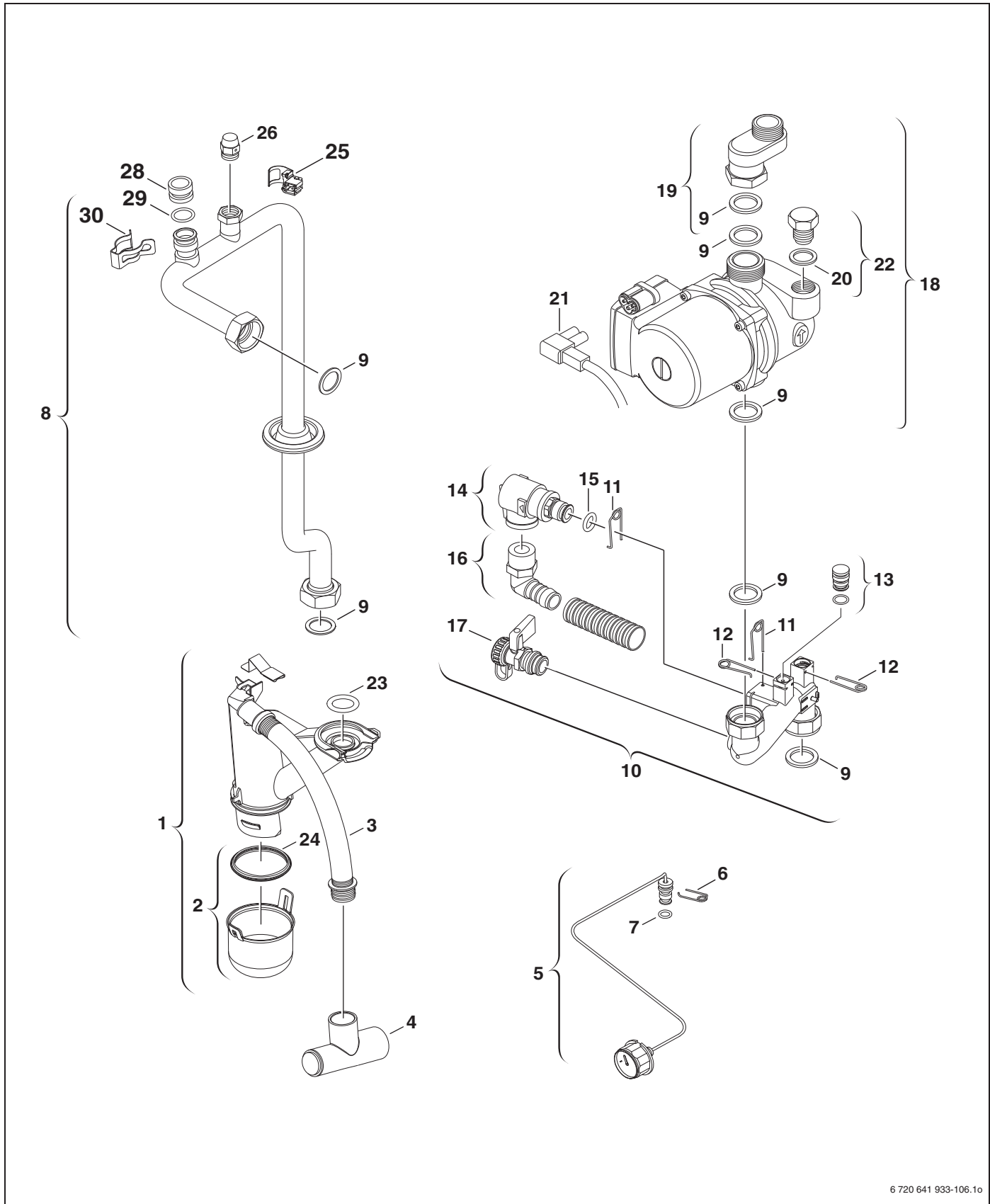
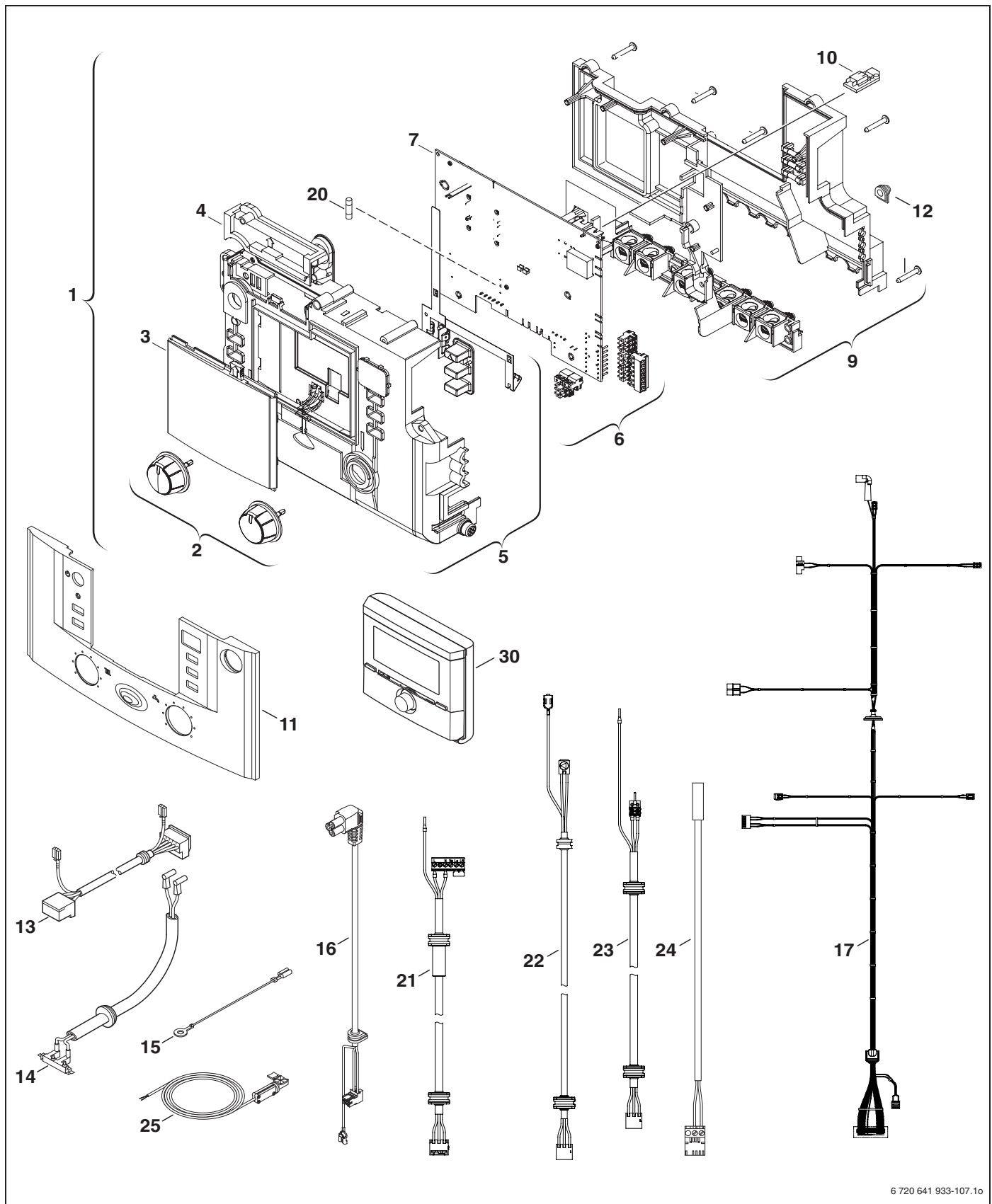


Fig. 97 Group 5 - Pipes heating boiler ZBR..-3A Greenstar

Item (→ Fig. 97)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Condensate trap complete	■	■	■	■			8 710 506 271 0
2	Cup incl. gasket	■	■	■	■			8 710 506 273 0
3	Drain hose	■	■	■	■			8 710 703 178 0
4	Drain Tee	■	■	■	■			8 710 735 076 0
5	Pressure gauge USA complete	■	■	■	■			8 718 226 104 0
6	Safety clip 10mm (10x)	■	■	■	■			8 716 771 167 0
7	O-ring 2.62 x 6.02 ID EPDM (10x)	■	■	■	■			8 716 140 810 0
8	Supply pipe USA ZB complete	■	■	■	■			8 737 701 819 0
9	Gasket 1" (10x)	■	■	■	■			8 710 103 046 0
10	PRV group USA complete USA	■	■	■	■			8 718 226 182 0
11	Safety clip 18mm (10x)	■	■	■	■			8 716 771 169 0
12	Safety clip 10mm (10x)	■	■	■	■			8 716 771 167 0
13	Dummy plug	■	■	■	■			8 718 226 183 0
14	Safety relief valve USA 30 psi	■	■	■	■			8 718 226 180 0
15	O-ring 13.87x3.53 (10x)	■	■	■	■			8 716 771 155 0
16	PRV drain adapter and hose complete	■	■	■	■			8 710 725 760 0
17	Fill and drain valve	■	■	■	■			8 738 505 955 0
18	Pump ZBR USA complete - heating boiler	■	■	■	■			8 718 226 172 0
19	Adapter pipe	■	■	■	■			8 710 735 450 0
20	Gasket 18.6 X 13.5 X 1.5 (10x)	■	■	■	■			8 710 103 045 0
21	Pump power cord USA	■	■	■	■			8 718 660 838 0
22	Plug complete	■	■	■	■			8 713 301 152 0
23	O-ring 26.34 x 5.33 (5X)	■	■	■	■			8 710 205 098 0
24	Gasket set	■	■	■	■			8 710 103 154 0
25	Temperature sensor	■	■	■	■			8 714 500 117 0
26	Air vent valve	■	■	■	■			8 716 838 449 0
28	Adapter LWCO	■	■	■	■			8 718 226 386 0
29	O-ring 17 x 4 (10x)	■	■	■	■			8 716 771 154 0
30	Safety clip (10x)	■	■	■	■			8 711 200 024 0

Tab. 48 Group 5 - Pipes heating boiler ZBR...-3A Greenstar

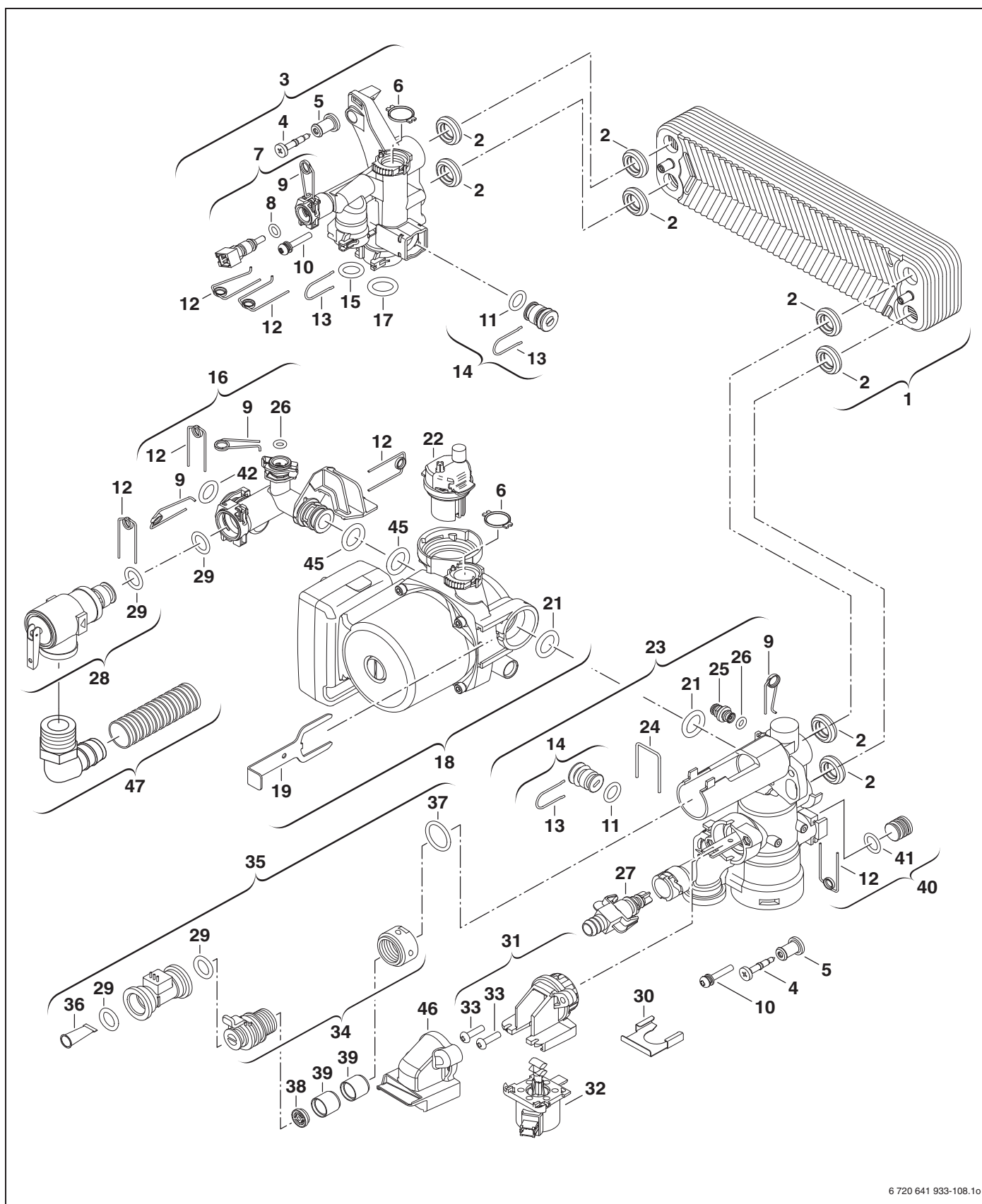


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Fig. 98 Group 6 - Control box Greenstar

Item (→ Fig. 98)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Heatronic control unit complete	■	■	■	■	■	■	8 717 207 928 0
2	Dial	■	■	■	■	■	■	8 716 011 785 0
3	Blind cover	■	■	■	■	■	■	8 711 000 302 0
4	Top cover	■	■	■	■	■	■	8 717 207 680 0
5	Upper housing complete	■	■	■	■	■	■	8 613 560 408 0
6	Set of connectors	■	■	■	■	■	■	8 714 404 348 0
7	Main circuit board	■	■	■	■	■	■	8 748 300 651 0
9	Backpanel	■	■	■	■	■	■	8 613 560 409 0
10	Code plug 2500	■					■	8 714 432 500 0
	Code plug 2501	■						8 714 432 501 0
	Code plug 2502		■					8 714 432 502 0
	Code plug 2503			■				8 714 432 503 0
	Code plug 2504				■			8 714 432 504 0
	Code plug 2505						■	8 714 432 505 0
	Code plug 2506	■						8 714 432 506 0
	Code plug 2507		■					8 714 432 507 0
	Code plug 2508			■				8 714 432 508 0
	Code plug 2509				■			8 714 432 509 0
	Code plug 2520					■		8 714 432 520 0
	Code plug 2521					■		8 714 432 521 0
11	Front cover	■	■	■	■	■	■	8 737 702 329 0
12	Grommet (10x)	■	■	■	■	■	■	8 710 506 185 0
13	Fan harness	■	■	■	■	■	■	8 718 660 837 0
14	Ignition harness	■	■	■	■	■	■	8 716 106 799 0
15	Ground cable	■	■	■	■	■	■	8 716 106 980 0
16	Pump power cord USA	■	■	■	■	■	■	8 718 660 838 0
17	Cable harness ZWB - combi boiler					■	■	8 718 226 066 0
	Cable harness ZBR - heating boiler	■	■	■	■			8 718 226 067 0
20	Fuse	■	■	■	■	■	■	8 744 503 045 0
21	Internal main power cord complete (white plug)	■	■	■	■	■	■	8 737 701 320 0
22	Internal tank loading pump power cord complete (red plug)	■	■	■	■			8 737 701 321 0
23	Internal system pump power cord complete (black plug)	■	■	■	■	■	■	8 737 701 322 0
24	DHW tank temperature sensor	■	■	■	■	■	■	8 737 701 343 0
25	System supply temperature sensor	■	■	■	■	■	■	8 737 700 289 0
30	FW200 Bosch USA en-us, fr, es, de	■	■	■	■	■	■	8 718 226 215 0
-	Gas conversion kit 31 > 23						■	8 737 701 740 0
-	Gas conversion kit 31 > 23	■						8 737 701 741 0
-	Gas conversion kit 31 > 23		■					8 737 701 742 0
-	Gas conversion kit 31 > 23			■				8 737 701 743 0
-	Gas conversion kit 31 > 23				■			8 737 701 744 0
-	Gas conversion kit 31 > 23					■		8 737 701 745 0
-	Gas conversion kit 23 > 31						■	8 737 701 746 0
-	Gas conversion kit 23 > 31	■						8 737 701 747 0
-	Gas conversion kit 23 > 31		■					8 737 701 748 0
-	Gas conversion kit 23 > 31			■				8 737 701 749 0
-	Gas conversion kit 23 > 31				■			8 737 701 750 0
-	Gas conversion kit 23 > 31					■		8 737 701 751 0

Tab. 49 Group 6 - Control box Greenstar



6 720 641 933-108.1o

Fig. 99 Group 7 - Hydraulic block combi boiler ZWB.-3A Greenstar

Item (→ Fig. 99)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
1	Flat plate heat exchanger 20 plates					■	■	8 716 108 212 0
2	Flat plate heat exchanger gasket 15mm					■	■	8 716 106 435 0
3	Supply manifold complete					■	■	8 716 106 356 0
4	Screw M5x32					■	■	8 716 771 687 0
5	Rubber bushing					■	■	8 716 106 425 0
6	Gasket 18.5x24.3 (10x)					■	■	8 716 771 259 0
7	DHW temperature sensor					■	■	8 714 500 081 0
8	O-ring 7.75x2.1 (10x)					■	■	8 710 205 080 0
9	Safety clip 10mm (10x)					■	■	8 716 771 167 0
10	Screw & Gasket assembly M5x30					■	■	8 716 106 452 0
11	O-ring 12.5x3 WRAS / KTW (10x)					■	■	8 716 107 437 0
12	Safety clip 18mm (10x)					■	■	8 716 771 169 0
13	Safety clip 13mm (1x)					■	■	8 716 106 549 0
14	Dummy plug complete					■	■	8 716 106 566 0
15	O-ring 13.87 x 3.53 (10x)					■	■	8 716 771 155 0
16	PRV Tee complete					■	■	8 715 502 114 0
17	O-ring 17 x 4 (10x)					■	■	8 716 771 154 0
18	Boiler pump USA complete					■	■	8 718 226 173 0
19	Safety clip pump					■	■	8 716 106 438 0
21	O-ring 23x4 (10x)					■	■	8 716 771 353 0
22	Air vent valve					■	■	8 716 106 445 0
23	Return assembly complete					■	■	8 716 106 844 0
24	Safety clip supply sensor					■	■	8 716 106 488 0
25	Pressure relief valve DHW					■	■	8 717 401 029 0
26	O-ring 2.62 x 6.02 ID EPDM (10x)					■	■	8 716 140 810 0
27	Drain valve					■	■	8 716 771 432 0
28	Pressure relief valve USA complete					■	■	8 718 226 180 0
29	O-ring 13.87x3.53 (10x)					■	■	8 716 771 155 0
30	Safety clip inlet adapter					■	■	8 716 106 432 0
31	Diverter valve assembly					■	■	8 716 106 845 0
32	Diverter valve actuator motor					■	■	8 716 106 847 0
33	Screw M5 Stainless					■	■	8 716 106 848 0
34	Flow turbine adapter					■	■	8 716 106 433 0
35	Flow turbine complete					■	■	8 716 107 223 0
36	DHW filter insert					■	■	8 716 106 486 0
37	O-ring 22x3 EPDM (10x)					■	■	8 716 106 747 0
38	Flow regulator 15 l/m 4 gpm						■	8 716 105 869 0
	Flow regulator 10 l/m 2.6 gpm					■		8 737 702 418 0
39	Silencer body					■	■	8 716 106 485 0
40	Dummy plug complete					■	■	8 716 106 567 0
41	O-ring (10x)					■	■	8 716 107 436 0
42	O-ring 12.5x3 WRAS / KTW (10x)					■	■	8 716 107 437 0
45	O-ring 17x4 (10x)					■	■	8 716 771 154 0
46	Diverter valve housing					■	■	8 716 112 786 0
47	PRV drain adapter and hose complete					■	■	8 710 725 760 0

Tab. 50 Group 7 - Hydraulic block combi boiler ZWB..-3A Greenstar

Item (→ Fig. 97)	Designation	ZBR16-3A	ZBR28-3A	ZBR35-3A	ZBR42-3A	ZWB28-3A	ZWB42-3A	Order number
–	SAK3 – Heat exchanger service accessory kit (main heat exchanger gaskets, heat exchanger brush, heat exchanger cleaning blade)	■	■	■	■	■	■	7 719 001 998
–	Brush set WB5	■	■	■	■	■	■	7 719 002 502
–	Cleaning blade WB5	■	■	■	■	■	■	7 719 002 503
–	Grease HFT1V5	■	■	■	■	■	■	8 709 918 010 0
–	Grease Unisilikon L641	■	■	■	■	■	■	8 709 918 413 0
–	Heat conducting paste	■	■	■	■	■	■	8 719 918 658 0

Tab. 51 Group 8 - Accessories for service/installation Greenstar