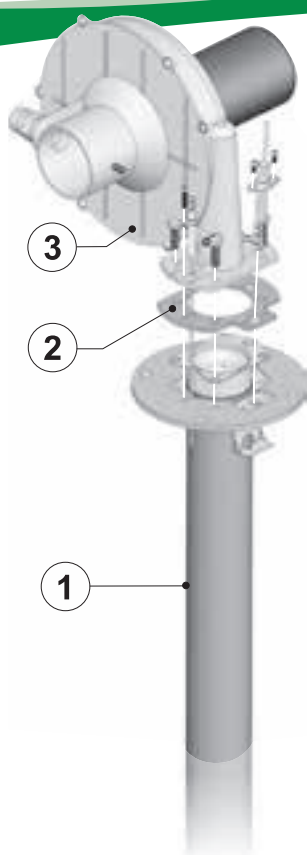


Maintenance & Accessories

Version 2015



The comfort and ease of hot water. Your clients don't think about that every day and they should not have to. They can turn to you. With A.O. Smith as your partner.

The A.O. Smith team in The Netherlands is responsible for the design and transport of her solar, gas-fired, electrical and indirect water heaters. Everything is adjusted to the European standards for quality and achievements. A.O. Smith supports you with a broad range of products and 40 years of experience in delivering reliable hot water systems.

Who are A.O. Smith

Sustainability and innovation have been key words throughout the 120 year history of A.O. Smith. As the inventor of a patented glass coating process, A.O. Smith knows like no other how to maximize the lifetime and quality of glass lined-steel water heating appliances.

Today, A.O. Smith supplies products in many different areas and applications. Through constant innovation, at production level and application level, A.O. Smith maintains its leading position in the market. This applies both to the choice of materials and components used in the manufacturing process, as well as to the efficiency of the finished products.

Quality

A.O. Smith is driven in its quest to make the highest quality products and securing high levels of customer satisfaction. This is expressed in our wide range of system solutions, varying from small domestic to large industrial applications, as well as the technical support service that we offer.

Consultancy from concept to order

One popular option is to obtain support from your local Sales Engineer or, alternatively, our Technical Support department. This support is available starting from the planning and design stages, when important decisions need to be made. We're also available to discuss your installation and service requirements, when the need arises.

Development and production processes

Quality is a major factor in the development and production of our appliances. A.O. Smith is a trendsetter in the field of advanced water heating products and technologies. A good example developed entirely in-house, is our patented PermaGlas Ultra Coat enamelling: a glass protective layer on the interior surface of the steel tank, ensuring maximum corrosion resistance and a long lifetime of the appliance.

Certification

Our appliances and the processes by which they are manufactured are compliant with quality standards such as ISO 9001 : 2000. As a global manufacturer local standards and directives are also applied. CE certification is obviously standard for the entire European market. Supplementary certificates required for eligibility for local and regional subsidy programmes are applicable in The Netherlands, France, Belgium and Great Britain. In addition, our products conform to the European RoHS, WEEE and PED directives.



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Customer satisfaction and support

When a manufacturer of vital high-end appliances claims to maximize the user's comfort, it must be able to support and guarantee that its products run impeccably. Customer satisfaction throughout the entire lifetime of the products, the A.O. Smith promise. A.O. Smith offers a comprehensive range of services (sizing, commissioning, service and maintenance) to validate that promise.

Sizing

Customer satisfaction starts in the design phase of your installation: sound, expert advice from A.O. Smith at this point will help you choose the right installation for your needs. The A.O. Smith 'Sizing' programme offers guidance in this process. More information about our Sizing programme can be found on the A.O. Smith website.

Commissioning

A.O. Smith believes that good service does not end with the delivery of an installation, but remains available throughout the entire operational life of your water heating system. It starts, for example, with the commissioning of your system. A.O. Smith can play a major role by inspecting the entire installation. In addition, we can programme the controls to suit the application and your own specific needs. At the same time this allows us to ensure energy use is optimized.

Service

Of course there is also the service that you would expect from a manufacturer of high quality products. This includes troubleshooting and having technical support available on site.

Maintenance

On request, A.O. Smith can also provide both preventative and annual maintenance for your installation. Keeping vital parts in good working order is not only essential for a consistent supply of hot water; it also ensures the appliance's efficiency.



TECHNICAL SUPPORT

The general telephone number of the office is +31 40 2942500.

Our Technical Support group can be contacted directly (for sizing, commissioning, service and maintenance) via:

Telephone +31 40 294 2550

Fax +31 40 294 2539

E-mail tsg@aosmith.nl

Outside office hours you can leave a message.

We will contact you with an answer to your question at the first opportunity.

Customer satisfaction and support



PRODUCT INFORMATION

For detailed product information please contact A.O. Smith via:

Tel. +31 40 294 2500
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E-mail info@aosmith.nl
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ADM / ADMC / ADMP / ADMR

ADM / ADMC parts



no	description	date	40	50	60	80	90	115	135
1	Flue gas thermostat	before 13-11-'05	0303316(S)	0303316(S)	0303317(S)	0303317(S)	0303318(S)	0303318(S)	0303317(S)
		after 13-11-'05	0307450(S)						
2	Flue baffle		0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0191996002(S)
3	Sealing ring tank/top cover jacket		0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)
4	Anode Flexible magnesium anode		4x 0183463039(S)	4x 0183463050(S)	4x 0183463039(S)	4x 0183463050(S)	3x 0183463039(S)	3x 0183463039(S)	4x 0183463039(S)
			0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)
5	Control thermostat		0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)
6	Sealing ring cleaning opening		0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)
7	Cleaning opening service kit		0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)
8	Burner control		0303497(S)	0303497(S)	0303497(S)	0303497(S)	0303497(S)	0303497(S)	0303497(S)
9	Reset button		0301948(S)	0301948(S)	0301948(S)	0301948(S)	0301948(S)	0301948(S)	0301948(S)
10	High-limit thermostat		0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)
11	Frost thermostat		0302990(S)	0302990(S)	0302990(S)	0302990(S)	0302990(S)	0302990(S)	0302990(S)
12	Safety thermostat		0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)
13	Timer		-	-	-	-	-	-	0305024(S)
14	High-low control		-	-	-	-	-	-	0305021(S)
15	Gas control (NAT-gas) Gas control (LP-gas)		0300903(S)	0300903(S)	0300903(S)	0300903(S)	0300903(S)	0300808(S)	0304923(S)
			0301099(S)	0301099(S)	0301099(S)	0301099(S)	0301099(S)	0301100(S)	0305153(S)
16	Ignition burner		0304892(S)	0304892(S)	0304892(S)	0304892(S)	0304892(S)	0304892(S)	0305321(S)
17	Burner		0304891(S)	0304891(S)	0304891(S)	0304891(S)	0304891(S)	0304891(S)	0305010(S)
18	Flame probe	after 12-5-'03	0305407(S)	0305407(S)	0305407(S)	0305407(S)	0305407(S)	0305407(S)	0305407(S)
19	Glow igniter service kit	before 12-5-'03	0303493(S)	0303493(S)	0303493(S)	0303493(S)	0303493(S)	0303493(S)	0303493(S)
		after 12-5-'03	0304242(S)	0304242(S)	0304242(S)	0304242(S)	0304242(S)	0304242(S)	0304242(S)
		before 12-5-'03	0304245(S)	0304245(S)	0304245(S)	0304245(S)	0304245(S)	0304245(S)	0304245(S)

ADMP parts



no	description	date	40	50	60	80	90	115
1	Flue gas thermostat	before 13-11-'05	0303316(S)	0303316(S)	0303317(S)	0303317(S)	0303318(S)	0303318(S)
		after 13-11-'05	0307450(S)					
2	Flue baffle		0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)
3	Sealing ring tank/top cover jacket		0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)
4	Anode Flexible magnesium anode		4x 0183463039(S)	4x 0183463050(S)	4x 0183463039(S)	3x 0183463050(S)	3x 0183463039(S)	4x 0183463039(S)
			0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)
5	Control thermostat		0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)
6	Sealing ring cleaning opening		0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)
7	Cleaning opening service kit		0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)
10	High-limit thermostat		0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)
12	Safety thermostat		0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)
15	Gas control (NAT-gas) Gas control (LP-gas)		0070115(S)	0070115(S)	0070115(S)	0070115(S)	0070115(S)	0070115(S)
			0070115002(S)	0070115002(S)	0070115002(S)	0070115002(S)	0070115002(S)	0070115002(S)
16	Ignition burner		0304892(S)	0304892(S)	0304892(S)	0304892(S)	0304892(S)	0304892(S)
17	Burner		0304891(S)	0304891(S)	0304891(S)	0304891(S)	0304891(S)	0304891(S)
22	Sparker		0307596(S)	0307596(S)	0307596(S)	0307596(S)	0307596(S)	0307596(S)
23	Pilot burner set (NAT-gas) Pilot burner set (LP-gas)		0301103(S)	0301103(S)	0301103(S)	0301103(S)	0301103(S)	0301103(S)
			0301105(S)	0301105(S)	0301105(S)	0301105(S)	0301105(S)	0301105(S)

ADM / ADMP / ADMR

ADMR parts

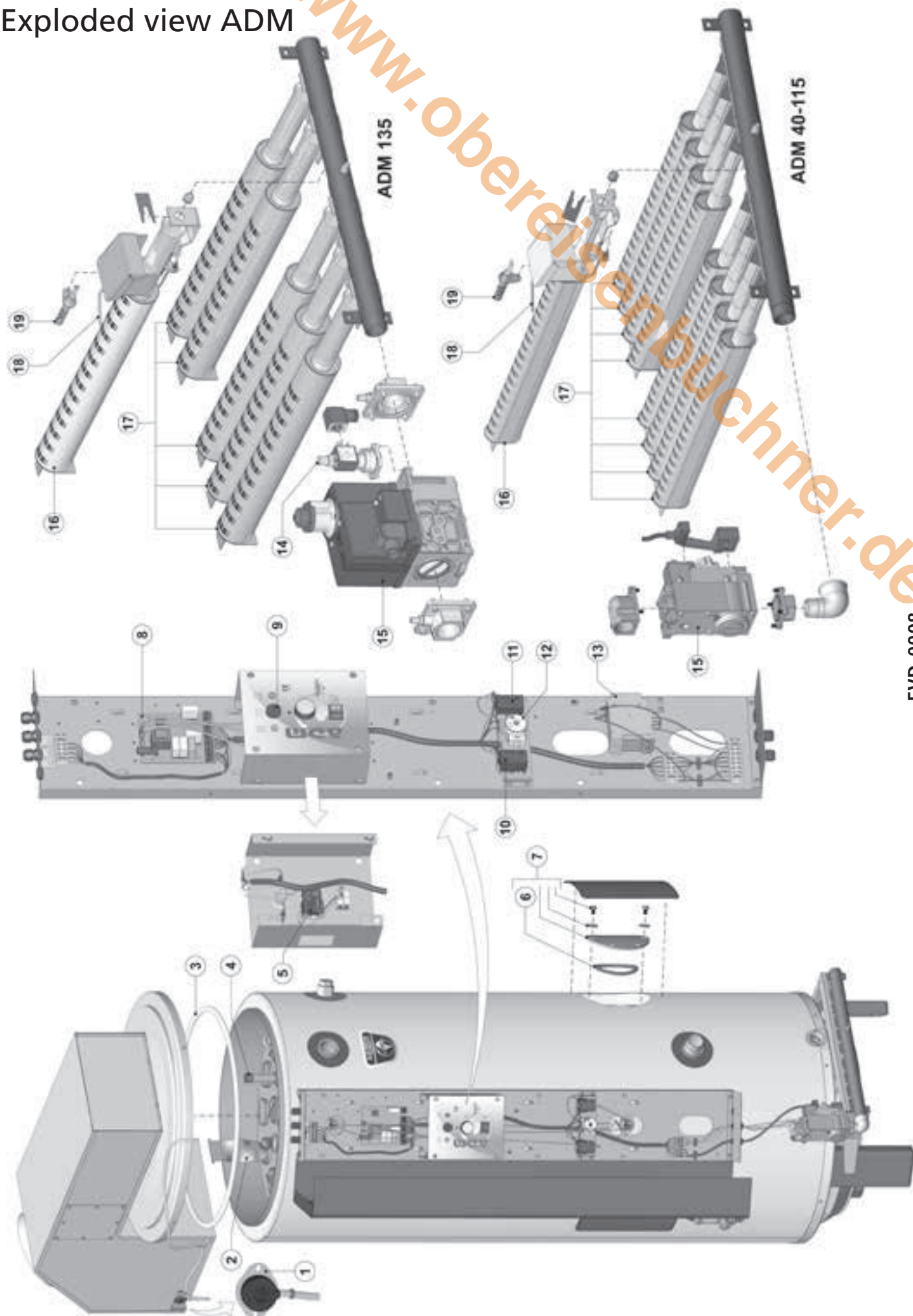
no	description	date	40/60	50/80	90	115	135
1	Flue damper	before 1-5-'00	0306648(S)	0306648(S)	0306649(S)	0306649(S)	-
		1-5-'00to 1-9-'030306650(S)	0306650(S)	0306651(S)	0306651(S)	0306651(S)	-
		after 1-9-'03	0306652(S)	0306652(S)	0306653(S)	0306653(S)	0306653(S)
2	Flue gas sensor		0304470(S)	0304470(S)	0304470(S)	0304470(S)	0304470(S)
3	Flue baffle		0068440002(S)	0068440002(S)	0068440002(S)	0068440002(S)	0191996002(S)
4	Sealing ring tank/top cover jacket		0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)
5	Anode		4x 0183463039(S)	4x 0183463051(S)	3x 0183463039(S)	4x 0183463039(S)	4x 0183463039(S)
	Flexible magnesium anode		0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)
6	Temp.sensor T2 (top tank)		0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)
7	Temp.sensor T1 (bottom tank)		0304468(S)	0304468(S)	0304468(S)	0304468(S)	0304468(S)
8	Sealing ring inspection opening		0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)
9	Cleaning opening service kit		0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)
10	BT tronic kit	before 1-9-'03	0309752(S)	0309752(S)	0309752(S)	0309752(S)	0309753(S)
		before 1-5-'00	0303042(S)	0303042(S)	0303042(S)	0303042(S)	-
		1-5-'00 to 12-5-'030304591(S)	0304591(S)	0304591(S)	0304591(S)	0304591(S)	-
	ThermoControl kit	before 1-11-'06	0307955(S)	0307955(S)	0307955(S)	0307955(S)	0307955(S)
		after 1-11-'06	0307951(S)	0307951(S)	0307951(S)	0307951(S)	0307951(S)
10	BT-Tronic service kit	before 1-9-'03	0309752(S)	0309752(S)	0309752(S)	0309752(S)	0309753(S)
11	Timer (LP-gas)		-	-	-	-	0305024(S)
12	High-low control (LP-gas)		-	-	-	-	0305021(S)
13	Gas control (NAT-gas)		0300903(S)	0300903(S)	0300903(S)	0300808(S)	0304923(S)
	Gas control (LP-gas)		0301099(S)	0301099(S)	0301099(S)	0301100(S)	0305153(S)
14	Ignition burner		0304892(S)	0304892(S)	0304892(S)	0304892(S)	0305321(S)
15	Burner		0304891(S)	0304891(S)	0304891(S)	0304891(S)	0305010(S)
16	Flame probe	after 12-5-'03	0305407(S)	0305407(S)	0305407(S)	0305407(S)	0305407(S)
17	Glow igniter	before 12-5-'03	0303493(S)	0303493(S)	0303493(S)	0303493(S)	0303493(S)
	Glow igniter	12-5-'03to 1-6-'050307310(S)	0307310(S)	0307310(S)	0307310(S)	0307310(S)	-
	Glow igniter	after 1-6-'05	0305413(S)	0305413(S)	0305413(S)	0305413(S)	0305413(S)

ADM / ADMC / ADMR accessories

description	date	40	50	60	80	90	115	135
Conn. set to LP-gas ADMP (UK only)*		0309865(S)	0309866(S)	0309867(S)	0309868(S)	0309869(S)	0309870(S)	-
Conn. set to NAT-gas ADMP (UK only)*		0309871(S)	0309872(S)	0309873(S)	0309874(S)	0309875(S)	0309876(S)	-
Protected cold supply setup G1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
T&P valve 1"		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Inspection opening kit		0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)
Isolating transformer kit ADMR		0306053(S)	0306053(S)	0306053(S)	0306053(S)	0306053(S)	0306053(S)	0306053(S)
Power anode kit ADM / ADMR	after 1-8-'06	0308017(S)	0308017(S)	0308017(S)	0308017(S)	0308017(S)	0308017(S)	0308017(S)
Power anode kit ADMP	after 1-8-'06	0308016(S)	0308016(S)	0308016(S)	0308016(S)	0308016(S)	0308016(S)	-
Potential free switch kit ADMR		0306055(S)	0306055(S)	0306055(S)	0306055(S)	0306055(S)	0306055(S)	0306055(S)
Gas Cock		0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0308419(S)

*The correct article numbers for sets to convert from LP-gas to NAT-gas can be ordered via TSG.

Exploded view ADM

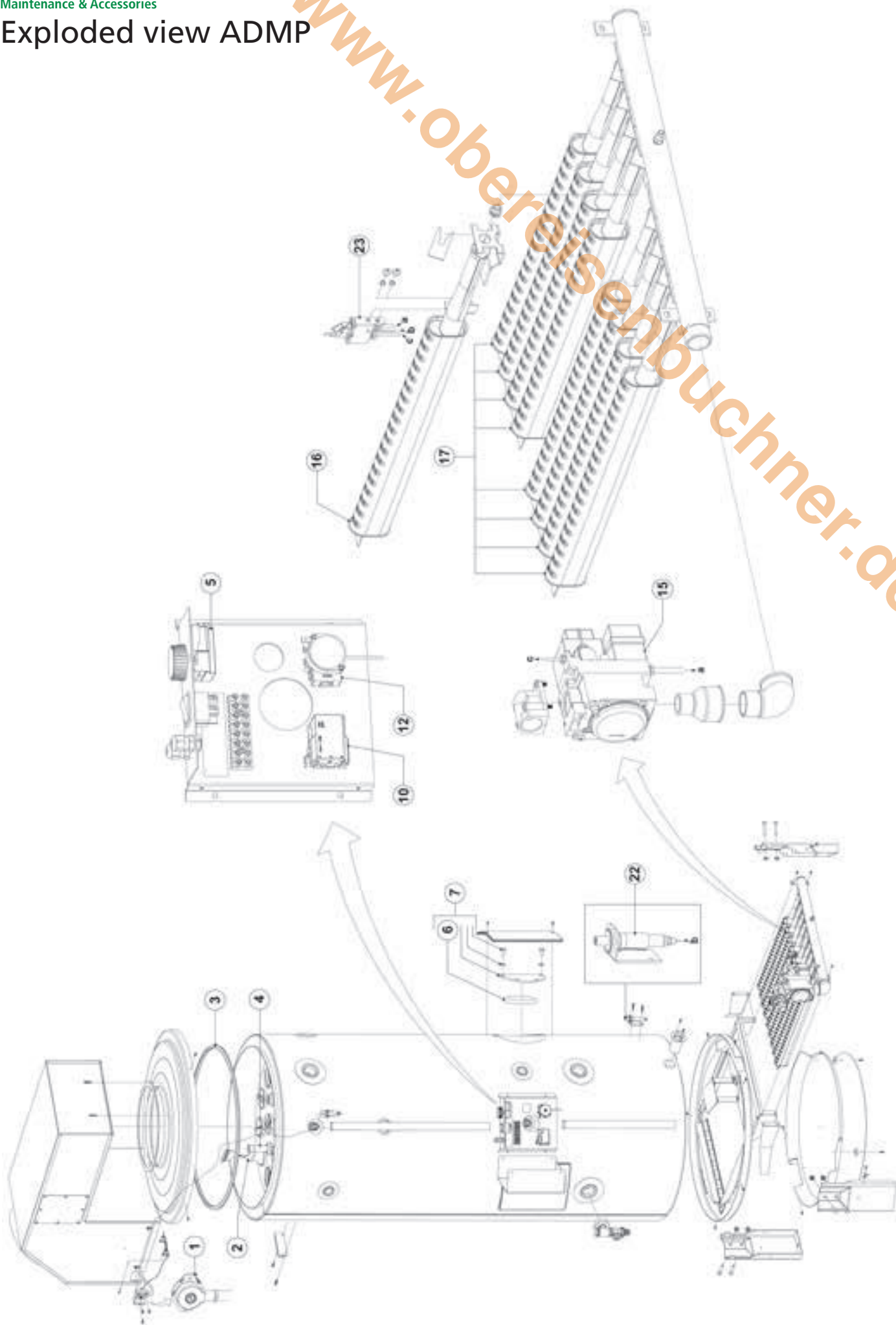


EVD-0008

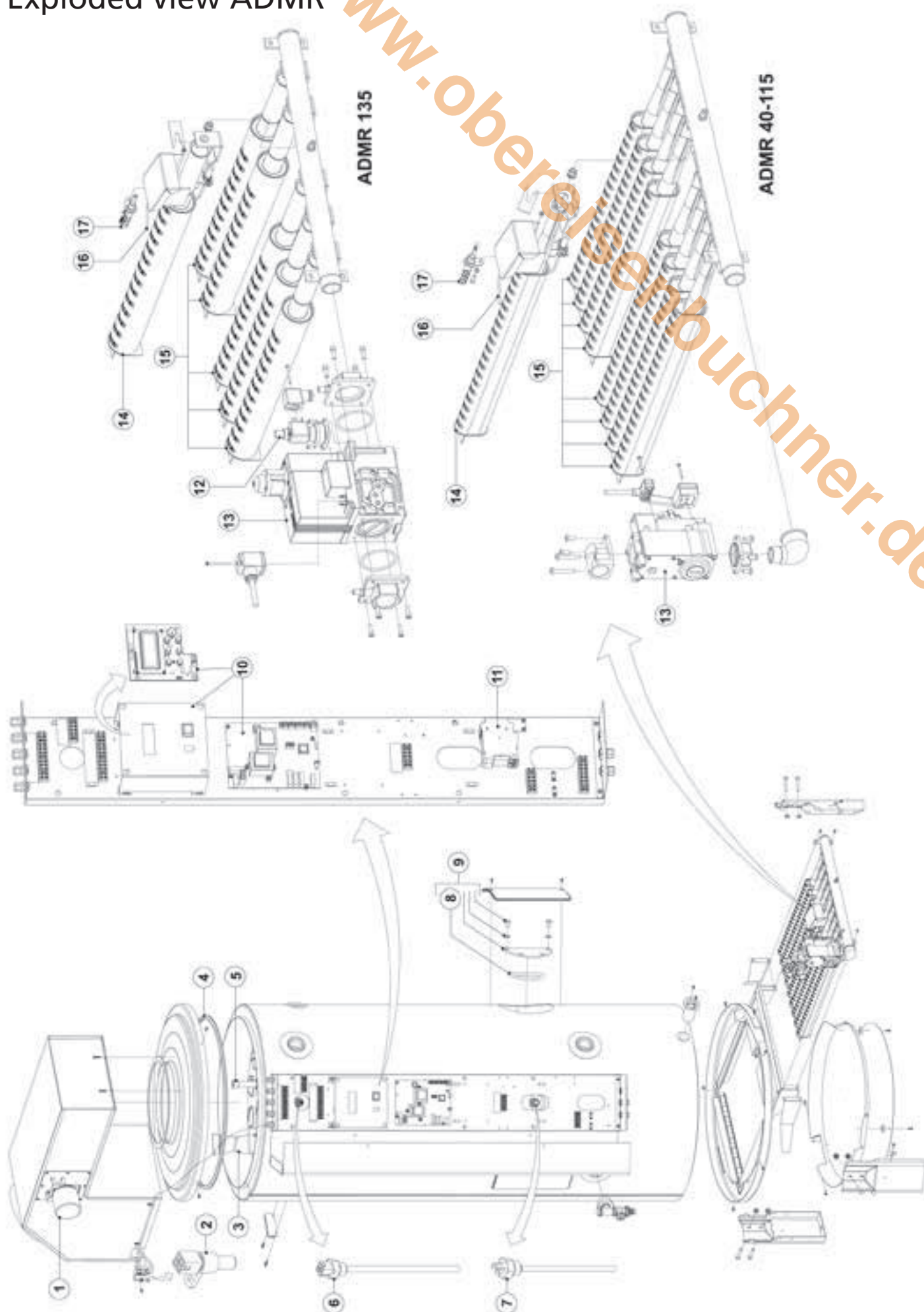
Exploded view ADMP

www.obereisenbuchner.de

EVD-0007



Exploded view ADMR



EVD-0009

AH / AHD

AH / AHD parts

Description	Date	AH 290	AHD 290
Anode Magnesium		0311487(S)	0311487(S)

Remark:

Drawings of the AH and AHD water heaters are not available



BFC Cyclone before 14-9-'09

BFC Cyclone parts



no	description	date	28	30	50	60
1	Burner (NAT-gas)		0304083(S)	0304083(S)	0304085(S)	0304087(S)
	Burner (LP-gas)		0304084(S)	0304084(S)	0304086(S)	0304088(S)
2	Glow igniter service kit	before 1-6-'05	0307315(S)	0307315(S)	0307315(S)	0307315(S)
		after 1-6-'05	0304079(S)	0304079(S)	0304079(S)	0304079(S)
3	Flame probe		0192478(S)	0192478(S)	0192478(S)	0192478(S)
4	Gas control (NAT-gas)		0300903(S)	0300903(S)	0300903(S)	0300808(S)
	Gas control (LP-gas)		0301099(S)	0301099(S)	0301099(S)	0301100(S)
	Gas control (NAT. gas and LP, Belgium only)		0301099(S)	0301099(S)	0301099(S)	0301100(S)
5	Differential air pressure switch	before 16-11-'08	0305003(S)	0305004(S)	0305005(S)	0305006(S)
		after 17-11-'08	0309325(S)	0305004(S)	0305005(S)	0305006(S)
6	Left top cover		0304881(S)	0304881(S)	0304881(S)	0304881(S)
7	Right top cover		0304882(S)	0304882(S)	0304882(S)	0304882(S)
8	Flexible hose		0304035(S)	0304035(S)	0304035(S)	0304035(S)
9	Clamping strip		0305027(S)	0304199(S)	0304199(S)	0304199(S)
10	Anode		4x 0183463039(S)	4x 0183463050(S)	4x 0183463050(S)	4x 0183463050(S)
	Flexible anode		0304728(S)	0304728(S)	0304728(S)	0304728(S)
11	ThermoControl		0307936(S)	0307936(S)	0307936(S)	0307936(S)
12	Y-piece duct damper		0304987(S)	0304683(S)	0304683(S)	0304683(S)
13	Temp.sensor T2 (top tank)		0304005(S)	0304005(S)	0304005(S)	0304005(S)
14	Gasket burner/tank		0192331(S)	0192331(S)	0192331(S)	0192331(S)
15	Hot water outlet nipple		0304017(S)	0304017(S)	0304017(S)	0304017(S)
16	Temp.sensor T1 (bottom tank)		0304004(S)	0304004(S)	0304004(S)	0304004(S)
17	Cover plate cleaning opening		0039137002/24(S)	0039137002/24(S)	0039137002/24(S)	0039137002/24(S)
18	Cleaning opening kit		0305082(S)	0305082(S)	0305082(S)	0305082(S)
19	Cold water supply nipple		0070615(S)	0070615(S)	0070615(S)	0070615(S)
20	Drain valve		0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)
21	Bend		0304986(S)	0304029(S)	0304029(S)	0304029(S)
22	Adapter		0304984(S)	0192636(S)	0192636(S)	0192636(S)
23	Siphon		0304988(S)	0306181(S)	0306181(S)	0306181(S)
24	Fan		0304104(S)	0304104(S)	0304104(S)	0304104(S)
25	Flue gas thermostat		0304301(S)	0304301(S)	0304301(S)	0304301(S)

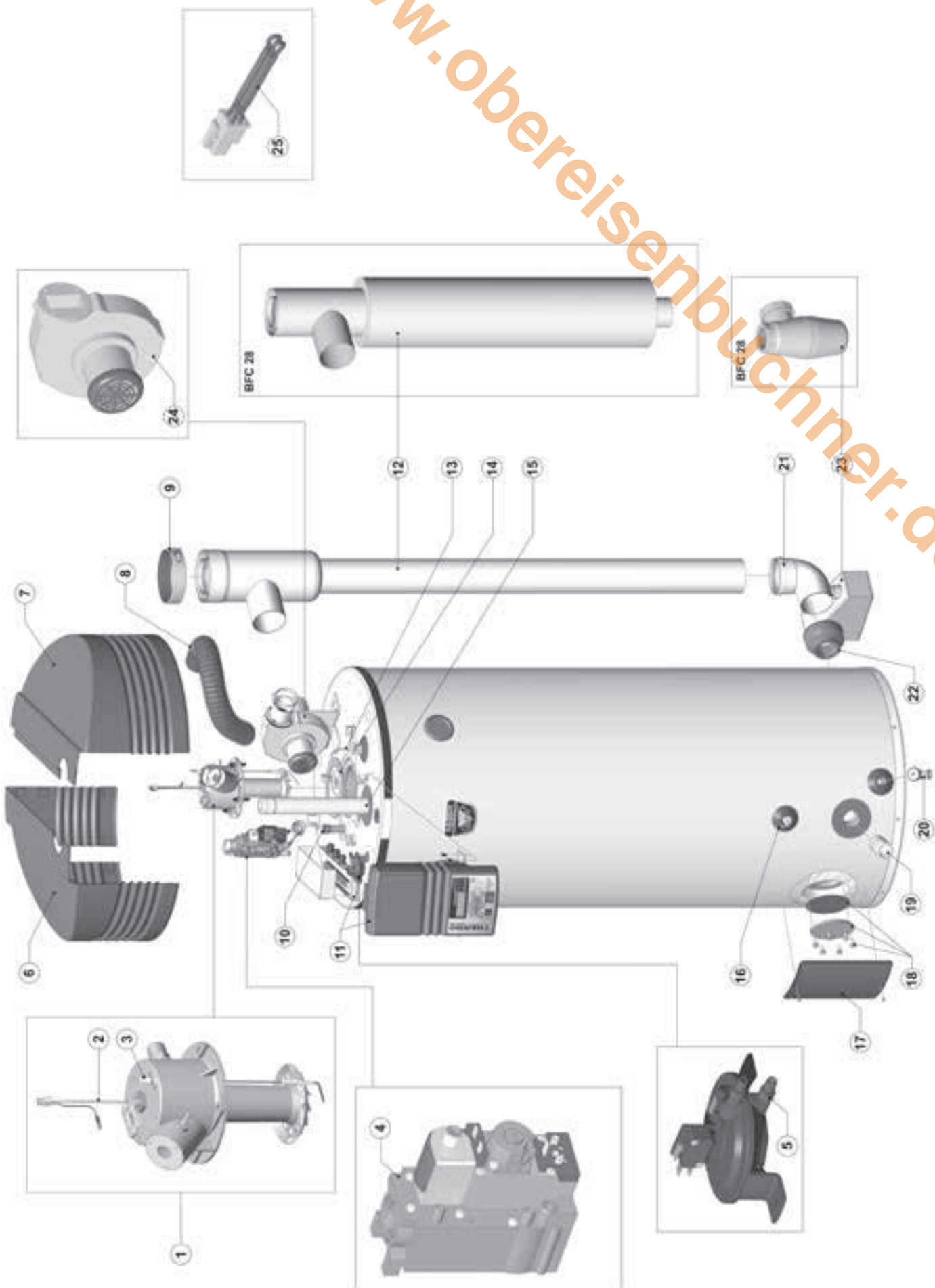
no	description	date	80	100	after 6-4-'07 80	after 6-4-'07 100
1	Burner		0306339(S)	0306340(S)	0197315(S)	0197315(S)
2	Gasket fan/burner	before 19-1-'09	0304961(S)	0304961(S)	0308202(S)	0308202(S)
		after 19-1-'09	-	-	0309067(S)	0309067(S)
3	Fan		0194746(S)	0194746(S)	0197322(S)	0197322(S)
4	Flame probe		0194776001(S)	0194776001(S)	0194776002(S)	0194776002(S)
5	Hot Surface igniter (UK only)	before 1-6-'05	0307308(S)	0307301(S)	-	-
	Hot Surface igniter	before 1-6-'05	0307309(S)	0307308(S)	-	-
		1-6-'05 till 5-4-'07	0306338(S)	0306338(S)	-	-
		6-4-'07 till 18-1-'09	-	-	0308204(S)	0308204(S)
		19-1-'09 till 13-9-'09	-	-	0309065(S)	0309065(S)
6	Frequency controller		0305805(S)	0305805(S)	0305805(S)	0305805(S)
7	EMC-Filter		0305806(S)	0305806(S)	0305806(S)	0305806(S)
8	PCB interface	before 31-7-'06	0305807(S)	0305807(S)	0305807(S)	0305807(S)
		after 31-7-'06	0307490(S)	0307490(S)	0307490(S)	0307490(S)
9	Automatic air bleed		0305516(S)	0305516(S)	-	-
10	Line commutation choke		-	-	0306690(S)	0306690(S)
11	Circulation pump		0305515(S)	0305515(S)	-	-
12	Left top cover		0305502(S)	0305502(S)	-	-
13	Right top cover		0305503(S)	0305503(S)	-	-
14	Power anode		0302757(S)	0302757(S)	0302757(S)	0302757(S)
15	Flexible hose (water)		0305960(S)	0305960(S)	-	-
16	Flexible hose (air)		0305504(S)	0305504(S)	-	-
17	Gasket burner/tank		0192331(S)	0192331(S)	0308266(S)	0308266(S)
18	Chimney adaptor (Ø100/150 to Ø130/200)		0308114(S)	0308425(S)	0308114(S)	0308425(S)
19	Temp.sensor T2 (top tank)		0304005(S)	0304005(S)	0304005(S)	0304005(S)
20	Hot water outlet nipple		0304017(S)	0304017(S)	0304017(S)	0304017(S)
21	ThermoControl		0308578(S)	0308578(S)	0308582(S)	0308582(S)
22	Y-piece duct		0304683(S)	0304683(S)	0304683(S)	0304683(S)
23	Cleaning opening kit		0305082(S)	0305082(S)	0305082(S)	0305082(S)
24	Cover plate cleaning opening		0039137002/24(S)	0039137002/24(S)	0039137002/24(S)	0039137002/24(S)
25	Drain valve		0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)
26	Cold water inlet nipple		0070615(S)	0070615(S)	0070615(S)	0070615(S)
27	Temp.sensor T1 (bottom tank)		0304004(S)	0304004(S)	0304004(S)	0304004(S)
28	Bend		0304029(S)	0304029(S)	0304029(S)	0304029(S)
29	Adapting socket		0192636(S)	0192636(S)	0308196(S)	0308196(S)
30	Siphon		0306181(S)	0306181(S)	0306181(S)	0306181(S)
31	Gas control		0306189(S)	0306189(S)	0306189(S)	0306189(S)
32	Clamping strip		0304199(S)	0304199(S)	0304199(S)	0304199(S)
33	Air pressure switch		0305490(S)	0305491(S)	0308271(S)	0308272(S)
34	Potentiostat		0306160(S)	0306160(S)	0306160(S)	0306160(S)
35	Flue gas sensor		0304301(S)	0304301(S)	0304301(S)	0304301(S)

BFC Cyclone before 14-9-'09

BFC Cyclone accessories

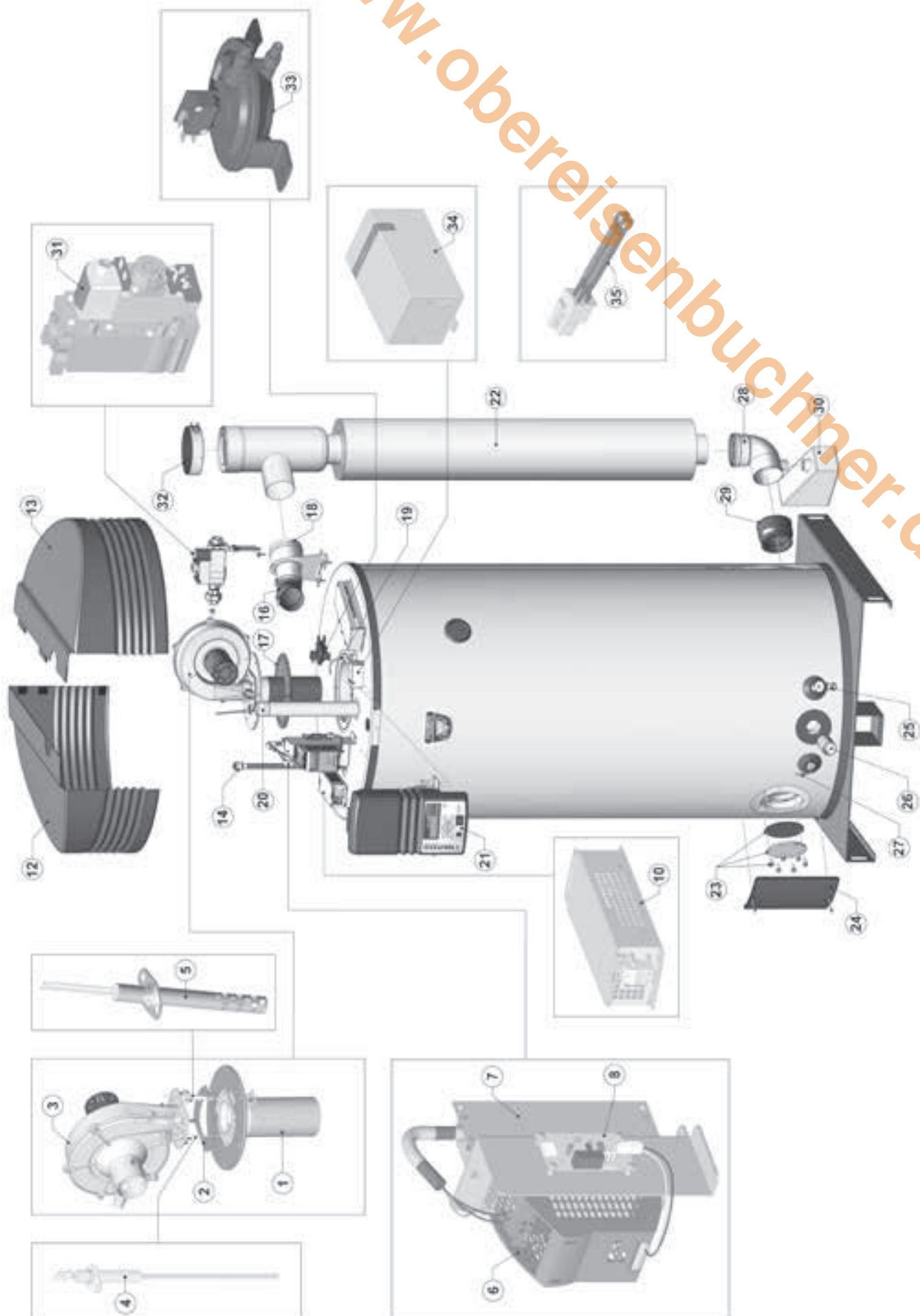
description	date	28	30	50	60	80	100
Conversion set to LP-gas	80-100 before 6-4-'07	0305046(S)	0305048(S)	0305050(S)	0305052(S)	0306806(S)	0306809(S)
Conversion set to LP-gas	80-100 after 6-4-'07	-	-	-	-	0309059(S)	0309061(S)
Conversion set to NAT-gas	80-100 before 6-4-'07	0305045(S)	0305047(S)	0305049(S)	0305051(S)	0306807(S)	0306810(S)
Conversion set to NAT-gas	80-100 after 6-4-'07	-	-	-	-	0309060(S)	0309062(S)
Protected cold supply setup G1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
T&P valve NO WRAS		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Isolating transformer kit		0306054(S)	0306054(S)	0306054(S)	0306054(S)	0306054(S)	0306054(S)
Pallet		0307601(S)	0307601(S)	0307601(S)	0307601(S)	-	-
Gas Cock		0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)
Reducing Nipple Rp 1½ x 22		0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)
Reducing Nipple Rp 1½ x 28		0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)
Reducing Nipple Rp 1½ x 35		0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)
Potential free switch kit		0306056(S)	0306056(S)	0306056(S)	0306056(S)	0306056(S)	0306056(S)
Expansion valve		0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)
Dscale application set		-	-	-	-	0307564(S)	0307564(S)
Dscale bottle set		-	-	-	-	0311398(S)	0311398(S)
Power anode kit		0309216(S)	0309217(S)	0309217(S)	0309217(S)	0309217(S)	0309217(S)

Exploded view BFC 28-60 before 14-9-'09



EVD-0011

Exploded view BFC 80-100 before 14-9-'09



EVD-0037

BFC Cyclone after 14-9-'09

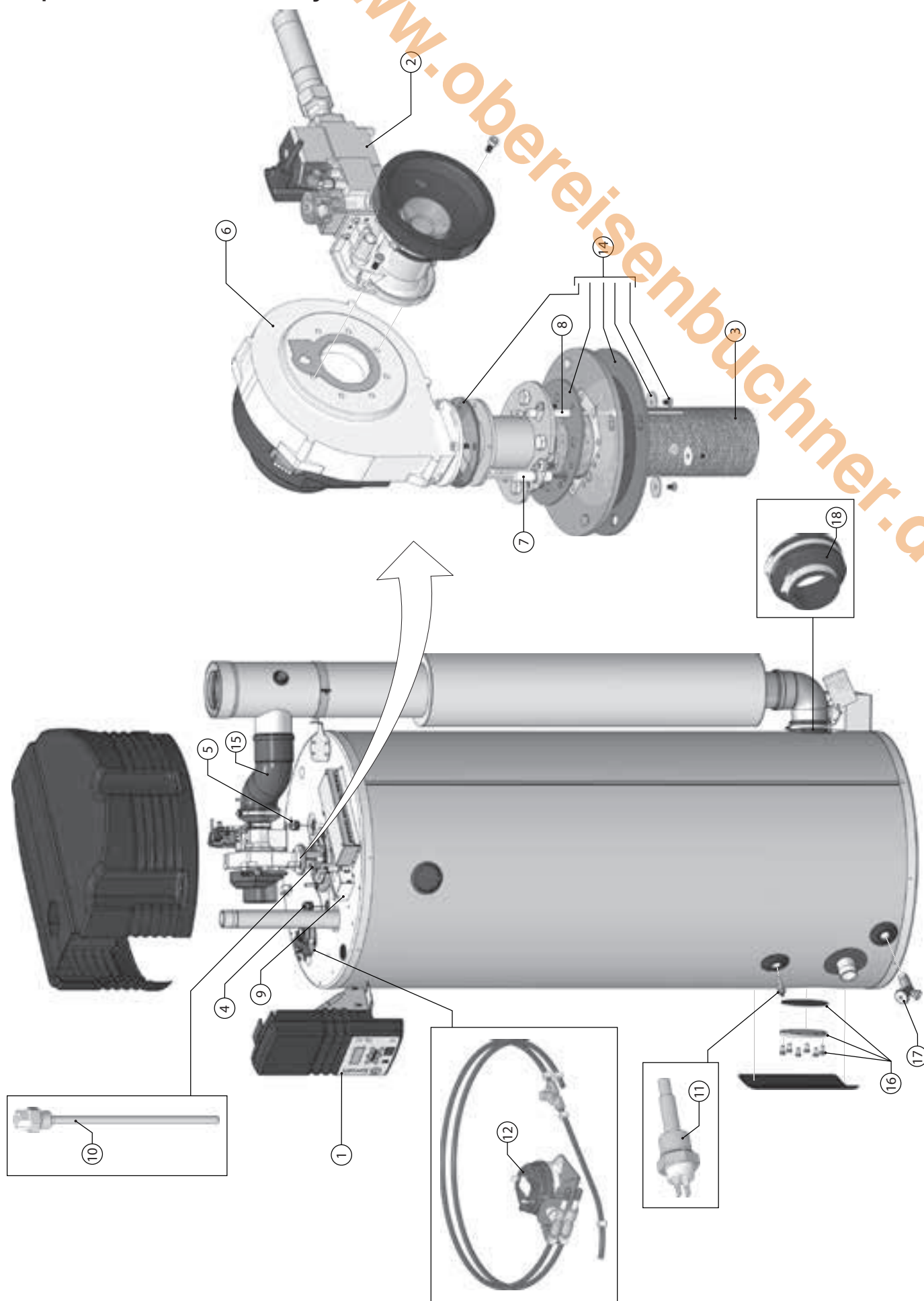
BFC parts

nr	Description	date	28	30	50	60	80	100	120
1	Control	before 28-7-'13	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)
		after 29-7-'13	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)
2	Gas control (NAT-gas) G20	before 3-2-'13	0310186(S)	0310186(S)	0310186(S)	0310186(S)	-	-	-
		after 4-2-'13	0310155(S)	0310155(S)	0310155(S)	0310155(S)	-	-	-
	Gas control (NAT-gas) G25	before 3-2-'13	0310187(S)	0310187(S)	0310187(S)	0310187(S)	-	-	-
		after 4-2-'13	0310156(S)	0310156(S)	0310156(S)	0310156(S)	-	-	-
	Gas control (LP-gas)	before 3-2-'13	0310188(S)	0310188(S)	0310188(S)	0310188(S)	-	-	-
		after 4-2-'13	0310157(S)	0310157(S)	0310157(S)	0310157(S)	-	-	-
3	Burner		0309297(S)	0309297(S)	0309297(S)	0309297(S)	0309125(S)	0309125(S)	0309125(S)
4	Power Anode		-	0197709(S)	0197709(S)	0197709(S)	0197709(S)	0197709(S)	0197709(S)
5	Power Anode		0197710002(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)
6	Fan		0309159(S)	0309159(S)	0309159(S)	0309159(S)	0309119(S)	0309119(S)	0309119(S)
7	Glow-igniter		0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)
8	Flame probe		0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)
9	Potentiostat		0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)
10	Temperature Sensor (top of tank)		0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)
11	Temperature Sensor (bottom of tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)
12	Differential air pressure switch		0309169(S)	0309169(S)	0309169(S)	0309169(S)	0309331(S)	0309331(S)	0309331(S)
13	Harness		0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)
14	Gaskets		0309608(S)	0309608(S)	0309608(S)	0309608(S)	0309609(S)	0309609(S)	0309609(S)
15	Air-inlet		0309148(S)	0309148(S)	0309148(S)	0309148(S)	0309129(S)	0309129(S)	0309129(S)
16	Cleaning opening		0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)
17	Drain valve	before 3-10-'10	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)
		after 4-10-'10	0308997(S)	0308997(S)	0308997(S)	0308997(S)	0026273004(S)	0026273004(S)	0026273004(S)
18	Plastic adapting socket (exit heat exchanger)		0192636(S)	0192636(S)	0192636(S)	0192636(S)	0308196(S)	0308196(S)	0308196(S)
19	Reducing valve G30/G31	after 31-12-'12	0310180(S)	0310180(S)	0310180(S)	0310180(S)	-	-	-

BFC accessories

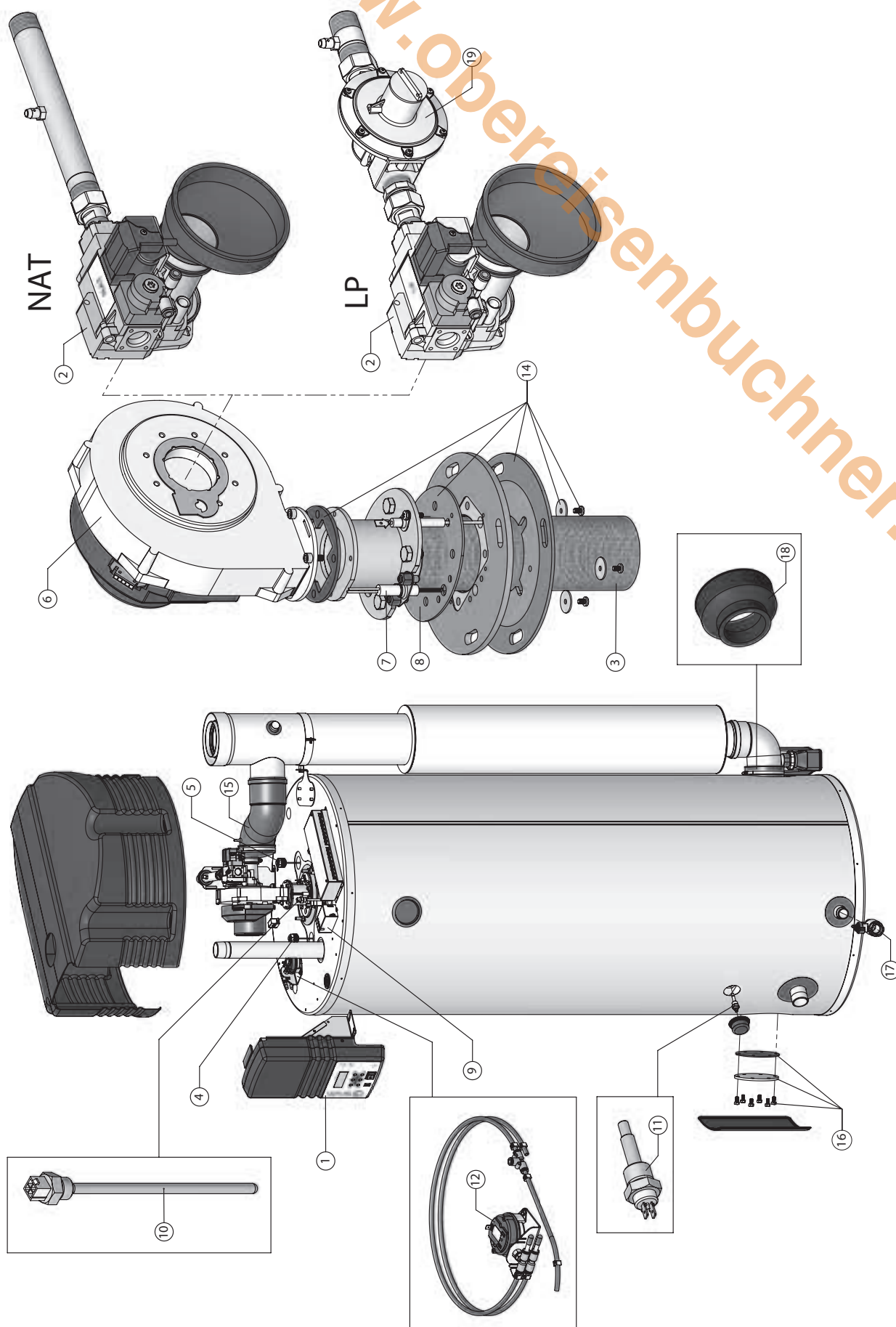
Description	date	28	30	50	60	80	100	120
Conversion set to LP-gas	before 3-2-'13	0309540(S)	0309540(S)	0309540(S)	0309540(S)	-	-	-
	after 4-2-'13	0310936(S)	0310936(S)	0310936(S)	0310936(S)	-	-	-
		-	-	-	-	0309542(S)	0309542(S)	0309542(S)
Conversion set to LP-gas (NL only)	before 31-12-'12	0309540(S)	0309540(S)	0309540(S)	0309540(S)	-	-	-
	after 1-1-'13	0310936(S)	0310936(S)	0310936(S)	0310936(S)	-	-	-
		-	-	-	-	0309542(S)	0309542(S)	0309542(S)
Conversion set to NAT-gas	before 3-2-'13	0309541(S)	0309541(S)	0309541(S)	0309541(S)	-	-	-
	after 4-2-'13	0310937(S)	0310937(S)	0310937(S)	0310936(S)	-	-	-
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Conversion set to NAT-gas (NL only)	before 31-12-'12	0309541(S)	0309541(S)	0309541(S)	0309541(S)	-	-	-
	after 1-1-'13	0310937(S)	0310937(S)	0310937(S)	0310936(S)	-	-	-
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Conversion set to NAT-gas (FR only)	before 3-2-'13	0309541(S)	0309541(S)	0309541(S)	0309541(S)	0309543(S)	0309543(S)	0309543(S)
	after 4-2-'13	0310313(S)	0310313(S)	0310313(S)	0310313(S)	0309543(S)	0309543(S)	0309543(S)
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Gas Cock		0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)
Protected cold supply		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
T&P Valve NO WRAS		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Reducing Nipple (for T&P)		0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)
Reducing Nipple Rp 1½ x 22		0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)
Reducing Nipple Rp 1½ x 28		0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)
Reducing Nipple Rp 1½ x 35		0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)
Isolation transformer		0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)
BMS interface		0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)
Expansion valve		0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)
Inlet security set DN40		0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)
Dscale bottle set		-	-	-	-	-	0311398(S)	0311398(S)
Dscale application set		-	-	-	-	-	0307564(S)	0307564(S)

Exploded view BFC Cyclone 28-60 from 14-9-'09 until 3-2-'13



EVD-0052 R0

Exploded view BFC Cyclone 28-60 after 4-2-'13



EVD-0052 R1



BFM parts

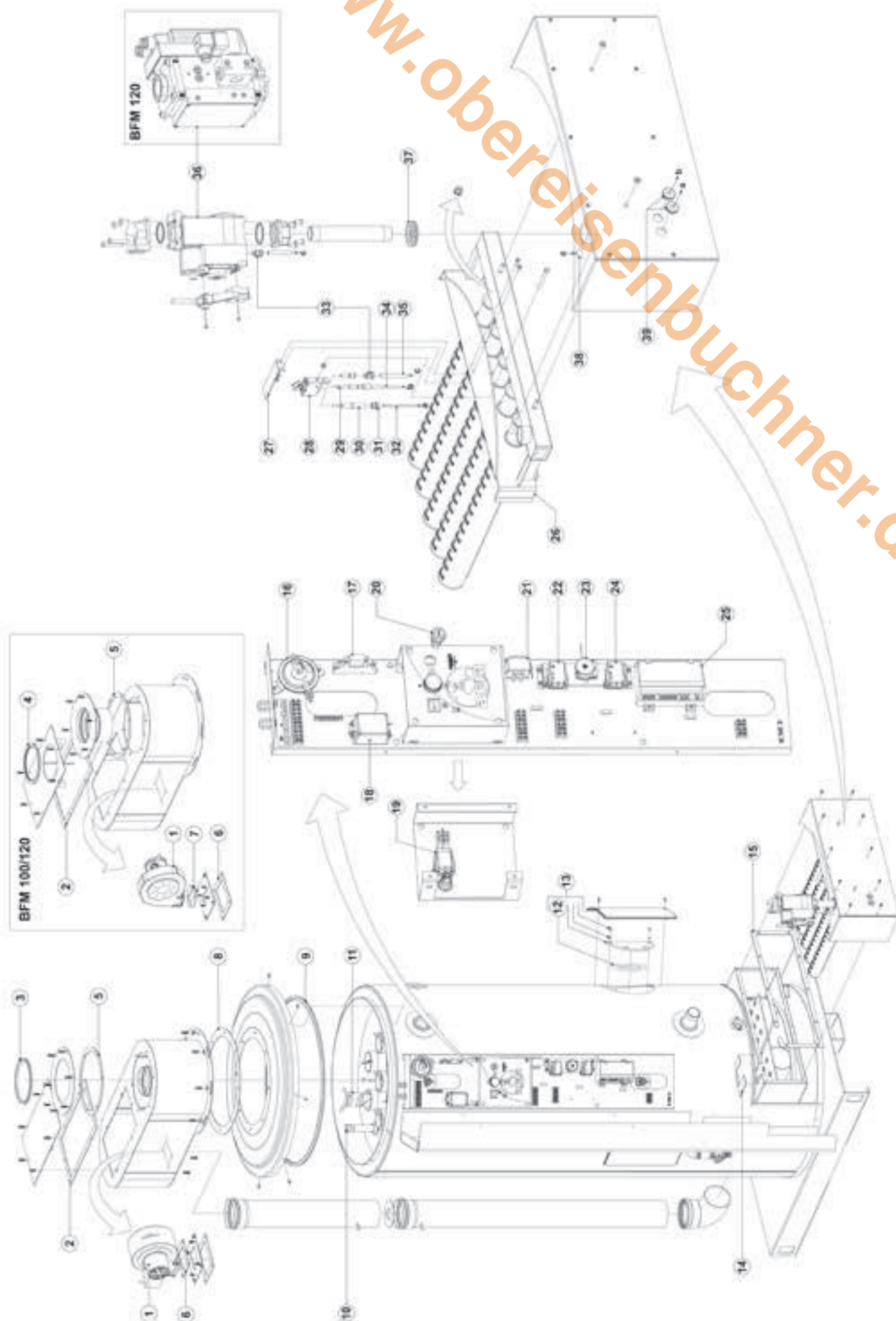
no	description	date	30	50	80	100	120
1	Fan	after 6-5-'04	0306689(S)	0306689(S)	0306689(S)	0306687(S)	0306687(S)
	Fanservice kit	before 7-5-'04	0307257(S)	0306887(S)	0306888(S)	0306687(S)	0306687(S)
2	Gasket topbox/cover		0306712(S)	0306712(S)	0306712(S)	0306712(S)	0306712(S)
3	Sealing ring flue gas discharge		0302466(S)	0302465(S)	0302312(S)	-	-
4	Sealing ring air supply		-	-	-	0306784(S)	0306784(S)
5	Gasket topbox/flue reducer		0303976(S)	0303976(S)	0303976(S)	0303976(S)	0303976(S)
6	Gasket fan/bracket		0302223(S)	0302223(S)	0302223(S)	0304022(S)	0304022(S)
7	Gasket topbox/fan		0306384(S)	0306384(S)	0306384(S)	0306384(S)	0306384(S)
8	Gasket topcover/topbox		0302222(S)	0302222(S)	0302222(S)	0302222(S)	0302222(S)
9	Sealing ring tank/cover		0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)
	Anode		2x 0183463039(S)	2x 0183463039(S)	4x 0183463039(S)	4x 0183463039(S)	4x 0183463039(S)
10	Flexible magnesium anode		0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)
11	Flue baffle		0192121(S)	0192121(S)	0192121(S)	0192121002(S)	0192121002(S)
12	Sealing ring cleaning opening		0304741(S)	0304741(S)	0304741(S)	0304741(S)	0304741(S)
13	Cleaning opening service kit		0301125(S)	0301125(S)	0301125(S)	0301125(S)	0301125(S)
14	Gasket top combustion chamber/burner tray		0302220(S)	0302220(S)	0302220(S)	0302220(S)	0302220(S)
15	Gasket front combustion chamber/burner tray		0302219(S)	0302219(S)	0302219(S)	0302219(S)	0302219(S)
16	Air proving switch	before 6-5-'04	0304502(S)	0304502(S)	-	-	-
		after 7-5-'04	0305488(S)	0305488(S)	-	-	-
		before 11-4-'05	0305488(S)	0305488(S)	-	-	-
		after 12-4-'05	0307251(S)	-	-	-	-
		before 12-4-'05	-	-	0304501(S)	-	-
		after 13-4-'05	-	-	0305487(S)	-	-
17	Relais		0305472(S)	0305472(S)	0305472(S)	0305472(S)	0306693(S)
18	EMC-Filter		0305486(S)	0305486(S)	0305486(S)	0305486(S)	0305486(S)
19	Control thermostat		0302989(S)	0302989(S)	0302989(S)	0302989(S)	0302989(S)
20	Reset button		0301948(S)	0301948(S)	0301948(S)	0301948(S)	0301948(S)
21	Transformer		0302212(S)	0302212(S)	0302212(S)	0302212(S)	0302212(S)
22	High-limit thermostat		0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)
23	Safety thermostat		0300674(S)	0300674(S)	0300674(S)	0300674(S)	0300674(S)
24	Frost thermostat		0302990(S)	0302990(S)	0302990(S)	0302990(S)	0302990(S)
25	Burner control		0301960(S)	0301960(S)	0301960(S)	0301960(S)	0301960(S)
26	Burner tray		0302720(S)	0302721(S)	0302722(S)	0302722(S)	0302722(S)
27	Protection plate pilot flame		0302320(S)	0302320(S)	0302320(S)	0302320(S)	0302320(S)
28	Pilot burner		0301086(S)	0301086(S)	0301086(S)	0301086(S)	0301086(S)
29	Ignition electrode		0303685(S)	0303685(S)	0303685(S)	0303685(S)	0303685(S)
30	Flame probe		0071608(S)	0071608(S)	0071608(S)	0071608(S)	0071608(S)
31	Cap nut		0302419(S)	0302419(S)	0302419(S)	0302419(S)	0302419(S)
32	Ionisation electrode cable		0305645(S)	0305645(S)	0305645(S)	0305645(S)	0305645(S)
33	Compression fitting		0070300002(S)	0070300002(S)	0070300002(S)	0070300002(S)	0070300002(S)
34	Ignition electrode cable		0305646(S)	0305646(S)	0305646(S)	0305646(S)	0305646(S)
35	Pilot tube		0070800003(S)	0070800003(S)	0070800003(S)	0070800003(S)	0070800003(S)
36	Gas control (NAT-gas)		0301961(S)	0301961(S)	0301961(S)	0301961(S)	0306772(S)
	Gas control (LP-gas)		0302209(S)	0302209(S)	0302209(S)	0302209(S)	0306772(S)
	Sealing set 37+38+39		0302258(S)	0302258(S)	0302258(S)	0302258(S)	0302258(S)
	Pilot burner (NAT-gas)		0301954(S)	0301954(S)	0301954(S)	0301954(S)	0301954(S)
	Pilot burner (LP-gas)		0302291(S)	0302291(S)	0302291(S)	0302291(S)	0302291(S)

BFM accessories

description	date	30	50	80	100	120
Conversion set to LP-gas*						
Conversion set to NAT-gas*						
Protected cold supply setup G1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
T&P valve		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Reducing nipple T&P connection		-	-	0308812(S)	0308812(S)	0308812(S)
Power anode kit	after 3-10-'05	0308017(S)	0308017(S)	0308017(S)	0308017(S)	0308017(S)
Power anode kit	before 2-10-'05	0304212(S)	0304212(S)	0304212(S)	0308017(S)	0308017(S)
Gas Cock		0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)
Electrical anode set	before 2-12-'05	0304212(S)	0304212(S)	0304213(S)	0308017(S)	0308017(S)
Electrical anode set	after 2-12-'05	0308017(S)	0308017(S)	0308017(S)	0308017(S)	0308017(S)
Electrical anode set 232 mm	before 2-12-'05	0306161(S)	0306161(S)	0306161(S)	0306161(S)	0306161(S)
Electrical anode set 402 mm	before 2-12-'05	0306360(S)	0306360(S)	0306360(S)	0306360(S)	0306360(S)
Electrical anode set 300 mm	after 2-12-'05	0307448(S)	0307448(S)	0307448(S)	0307448(S)	0307448(S)
Potentiostat		0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)
LED		0306162(S)	0306162(S)	0306162(S)	0306162(S)	0306162(S)
Cover plate	before 2-12-'05	0306621(S)	0306621(S)	0306621(S)	0306621(S)	0306621(S)

*The correct article numbers for sets to convert from LP-gas to NAT-gas can be ordered via TSG.

Exploded view BFM



BTA / BTC / BTR

BTA / BTC parts

description	155-500
Magnesium anode	0183463039(S)
Thermostat box BTA	0301043(S)
Thermostat box BTC	0301012(S)
Control/Frost thermostat 73°	0303941(S)
High-limit thermostat 84°	0302991(S)
Safety thermostat 95°	0300457(S)
Timer	0301023(S)
Gas control (NAT-gas)	0070115(S)
Gas control (LP-gas)	0070115002(S)
Safety gas control BTC	0070100001(S)
Main burner	0304891(S)
Main burner ignition	0304892(S)
Pilot burner set	0304414(S)
Thermo couple	0070404(S)
Electrode ignition	0070436(S)
Piezo ignition	0307596(S)
Flue damper 155/197/251/270	0306648(S)
Flue damper 365/500	0306649(S)
Pilot Protector	0070317001(S)
Pilot Protector mounted	0070317002(S)

BTR parts

description	155-500
Magnesium anode	0183463039(S)
Thermostat box BTR	0301240(S)
Sensor control thermostat	0300222001(S)
Sensor high-limit thermostat	0300222001(S)
BT Tronic service kit before 5-2000	0303042(S)
BT Tronic service kit after 5-2000	0304591(S)
Gas control (NAT-gas)	0070115(S)
Gas control (LP-gas)	0070115002(S)
Safety gas control BTR	0070100001(S)
Main burner	0304891(S)
Main burner ignition	0304892(S)
Pilot burner	0304414(S)
Thermocouple	0070404(S)
Electrode ignition	0301167(S)
Piezo ignition	0307596(S)
Flue damper 155/197/251/270	0306648(S)
Flue damper 365/500	0306649(S)

Remark:

Drawings of the BTA, BTC and BTR water heaters are not available

BT / BTT / BTI

BT parts



nr	description	datum	65	85	100
1	Flue baffle	before 31-1-'07 after 1-2-'07	0301340(S) 0301340(S)	0070239(S) 4x 0196172001(S)	0301429(S) 4x 0196172001(S)
2	Magnesium anode Flexible magnesium anode		0183463039(S) 0304728(S)	0183463039(S) 0304728(S)	0183463050(S) 0304728(S)
3	Hot water outlet nipple		0301022(S)	0301022(S)	0301022(S)
4	Burner		0301398(S)	0301399(S)	0301400(S)
5	Burner tube		0300937(S)	0301839(S)	0301839(S)
6	Thermo couple		0071872(S)	0071872(S)	0071872(S)
7	Ignition cable		0303927(S)	0303927(S)	0303927(S)
8	Ignition electrode		0071608(S)	0071608(S)	0071608(S)
9	Gas Control (NAT-gas) Gas Control (LP-gas) Gas Control (NAT-gas+LP-gas) (FR/BE only)		0300949(S) 0301914(S) 0301914(S)	0300949(S) 0301914(S) 0301914(S)	0300949(S) 0301914(S) 0301914(S)
10	Piezo ignition		0307596(S)	0307596(S)	0307596(S)
11	Gasket inspection opening		0301136(S)	0301136(S)	0301136(S)
12	Cold water inlet		0184812(S)	0194132029(S)	0194134030(S)
13	Thermostat roll-out protection	1-10-'93 till 4-10-'98 5-10-'98 till 6-11-'02 7-11-'02 1-10-'93 till 31-10-'98 1-11-'98 till 27-2-'03 28-2-'03 till 30-6-'07 after 1-7-'07	0071587(S) 0301275(S) 0305347(S) - - - -	- - - 0071587002(S) 0301274(S) 0305346(S) 0308237(S)	- - - 0071587002(S) 0301274(S) 0305346(S) 0308237(S)
14	Thermostat roll-out protection cable Complete pilot burner assy (NAT-gas) Complete pilot burner assy (LP-gas)		0305346(S) 0301820(S) 0304586(S)	0305346(S) 0301820(S) 0304586(S)	0305346(S) 0301820(S) 0304586(S)

BTT parts

nr	description	datum	65	85	100
1	Flue baffle	before 31-1-'07 after 1-2-'07	0301340(S) 0301340(S)	0070239(S) 4x 0196172001(S)	0301429(S) 4x 0196172001(S)
2	Magnesium anode Flexible magnesium anode		0183463039(S) 0304728(S)	0183463039(S) 0304728(S)	0183463050(S) 0304728(S)
3	Hot water outlet nipple		0301022(S)	0301022(S)	0301022(S)
4	Burner		0301398(S)	0301399(S)	0301400(S)
5	Safety valve	before 31-8-'08 after 1-9-'08	0309104(S) 0309112(S)	0309105(S) 0309112(S)	0309105(S) 0309112(S)
6	Thermo couple		0071872(S)	0071872(S)	0071872(S)
7	Ignition cable		0303927(S)	0303927(S)	0303927(S)
8	Ignition electrode		0071608(S)	0071608(S)	0071608(S)
9	Gas Control (NAT-gas) Gas Control (LP-gas)		0300949(S) 0301914(S)	0300949(S) 0301914(S)	0300949(S) 0301914(S)
10	Piezo ignition		0307596(S)	0307596(S)	0307596(S)
11	Gasket inspection opening		0301136(S)	0301136(S)	0301136(S)
12	Cold water inlet		0184812(S)	0194132029(S)	0194134030(S)
13	Thermostat roll-out protection	1-10-'93 till 4-10-'98 5-10-'98 till 6-11-'02 7-11-'02 1-10-'93 till 31-10-'98 1-11-'98 till 27-2-'03 28-2-'03 till 30-6-'07 after 1-7-'07	0071587(S) 0301275(S) 0305347(S) - - - -	- - - 0071587002(S) 0301274(S) 0305346(S) 0308237(S)	- - - 0071587002(S) 0301274(S) 0305346(S) 0308237(S)
14	Thermostat roll-out protection cable Complete pilot burner assy (NAT-gas) Complete pilot burner assy (LP-gas)		0305346(S) 0301820(S) 0304586(S)	0305346(S) 0301820(S) 0304586(S)	0305346(S) 0301820(S) 0304586(S)

BT / BTT / BTI

BTI parts

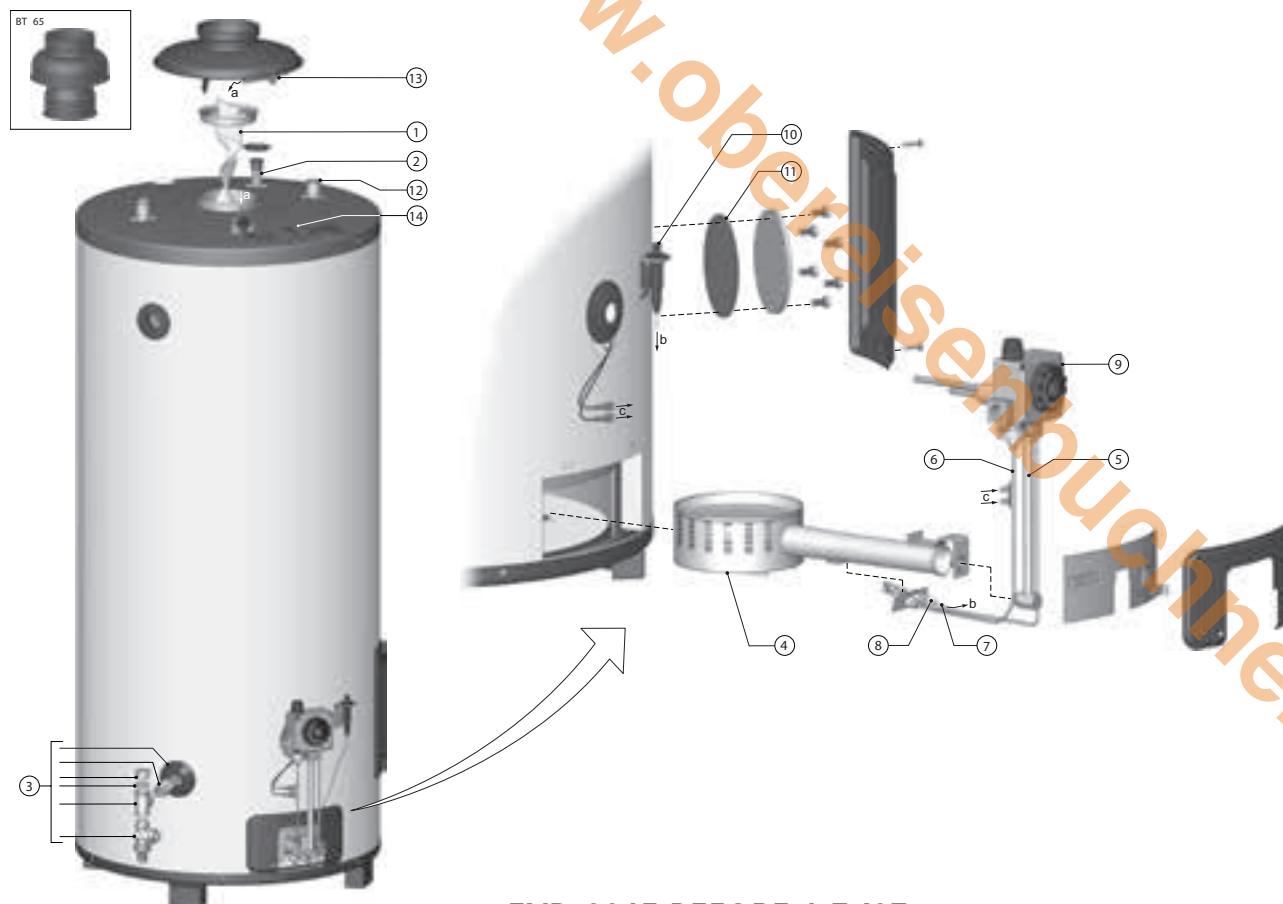


no	description	date	65	85	100
1	Magnesium anode		0183463039(S)	0183463039(S)	0183463050(S)
	Flexible magnesium anode		0304728(S)	0304728(S)	0304728(S)
2	Hot water outlet nipple		0194130002(S)	0194139(S)	0194135(S)
3	Cold water inlet		0184 812(S)	0194132 029(S)	0194134 030(S)
4	Thermostat roll-out protection	before 31-1-'07 after 1-2-'07	0305347(S) 0305347(S)	0305345(S) 0308237(S)	0305345(S) 0308237(S)
5	Gasket inspection opening		0301136(S)	0301136(S)	0301136(S)
6	Burner		0303236(S)	0303237(S)	0303238(S)
7	Ionisation electrode		0301964(S)	0301964(S)	0301964(S)
8	Ionisation cable		0303728(S)	0303728(S)	0303728(S)
9	Ignition electrode		0303685(S)	0303685(S)	0303685(S)
10	Ignition cable		0303729(S)	0303729(S)	0303729(S)
11	Burner tube		0303094(S)	0303481(S)	0303481(S)
12	Switch ON/OFF		0303010(S)	0303010(S)	0303010(S)
13	Immersion well		0307545(S)	0307545(S)	0307545(S)
14	Safety thermostat	before 31-1-'06 after 1-2-'06	0307572(S) 0307557(S)	0307572(S) 0307557(S)	0307572(S) 0307557(S)
15	Control thermostat		0303031(S)	0303031(S)	0303031(S)
16	Compression fitting		0303150(S)	0303150(S)	0303150(S)
17	Reset button		0301948(S)	0301948(S)	0301948(S)
18	Gas control		0303022(S)	0303022(S)	0303022(S)
19	Elbow flange		0303026(S)	0303026(S)	0303026(S)
20	Automatic burner control		0303023(S)	0303023(S)	0303023(S)
21	Cover		0303025(S)	0303025(S)	0303025(S)
22	Thermostat roll-out protection - connection cable		0305346(S)	0305346(S)	0305346(S)
23	Flue baffle	before 31-1-'07 after 1-2-'07	0301340(S) 0301340(S)	0070239(S) 4x 0196172001(S)	0301429(S) 4x 0196172001(S)
24	Drain valve kit		0301022(S)	0301022(S)	0301022(S)
	Pilot burner (NAT-gas)		0303472(S)	0303472(S)	0303472(S)
	Pilot burner (LP-gas)		0303473(S)	0303473(S)	0303473(S)

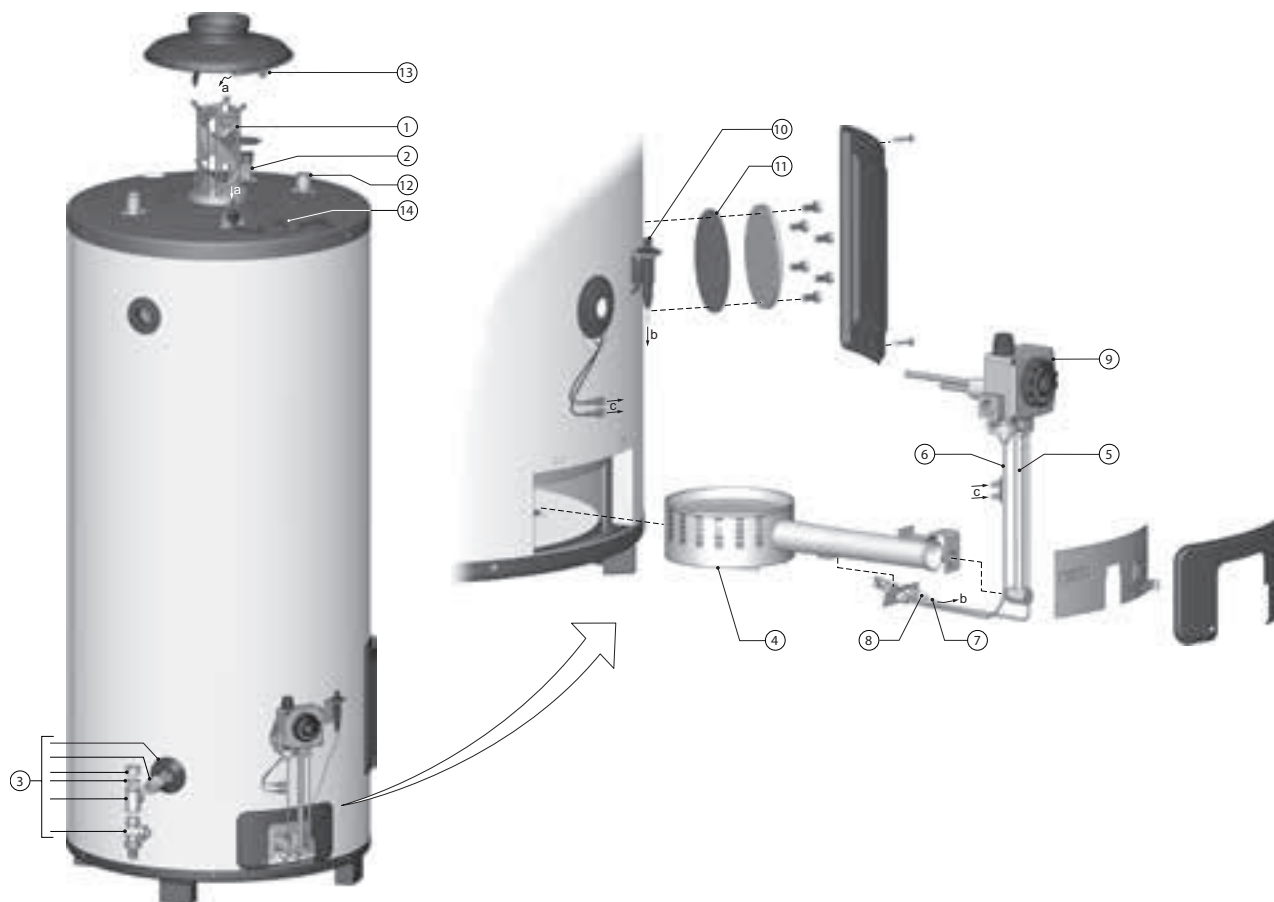
BTI accessories

description	date	BTI 65	BTI 85	BTI 100
Conversion kit to LP-gas	before 30-6-'07	Part numbers on request		
Conversion kit to NAT-gas	after 1-7-'07	Part numbers on request		
Cleaning opening set		0305082(S)	0305082(S)	0305082(S)
Protected cold supply setup 3/4" sfr		0302706(S)	0302706(S)	0302706(S)
Power anode kit	after 1-8-'06	0308015(S)	0308015(S)	0308015(S)
Gas Cock		0300718(S)	0300718(S)	0300718(S)
Expansion valve		0305712(S)	0305712(S)	0305712(S)
T&P valve NO WRAS		0076527004(S)	0076527004(S)	0076527004(S)
Dscale application set		0307564(S)	0307564(S)	0307564(S)
Dscale bottle set		0309217(S)	0309217(S)	0309217(S)

Exploded view BT / BTT

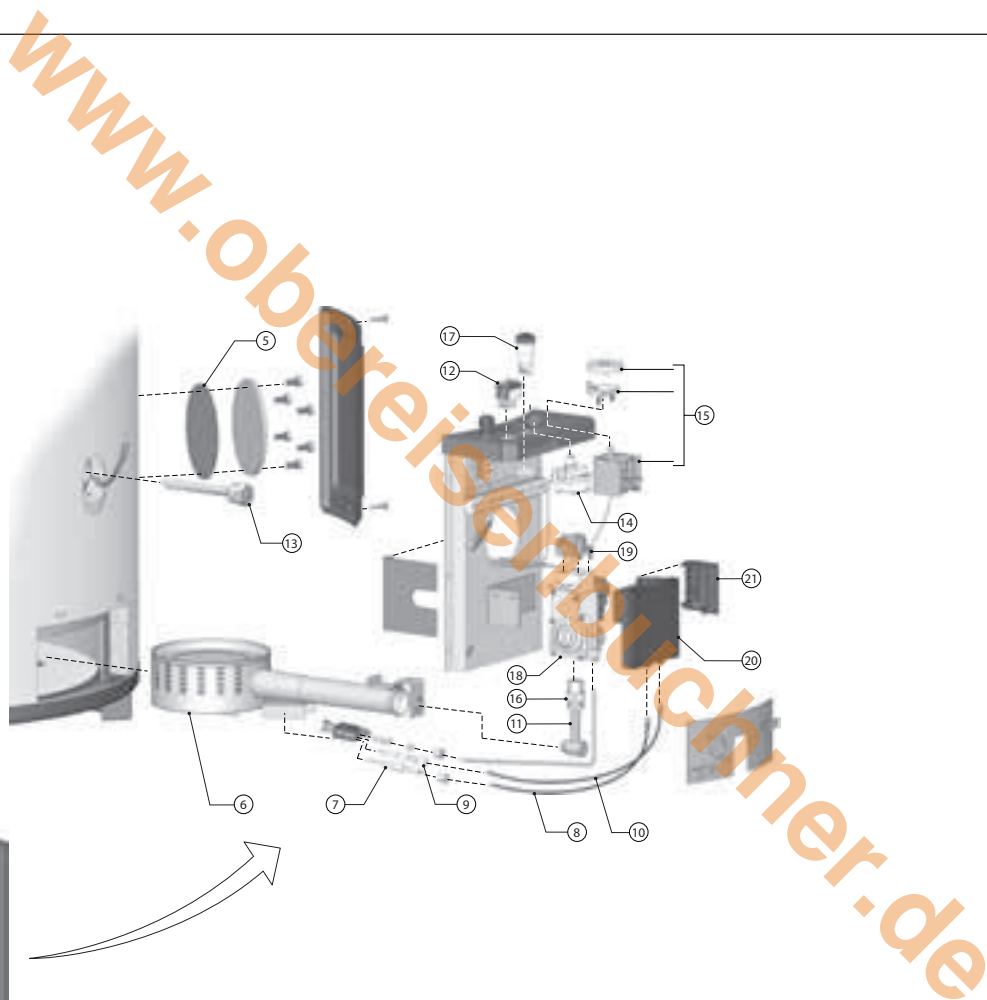


EVD-0015 BEFORE 1-7-'07

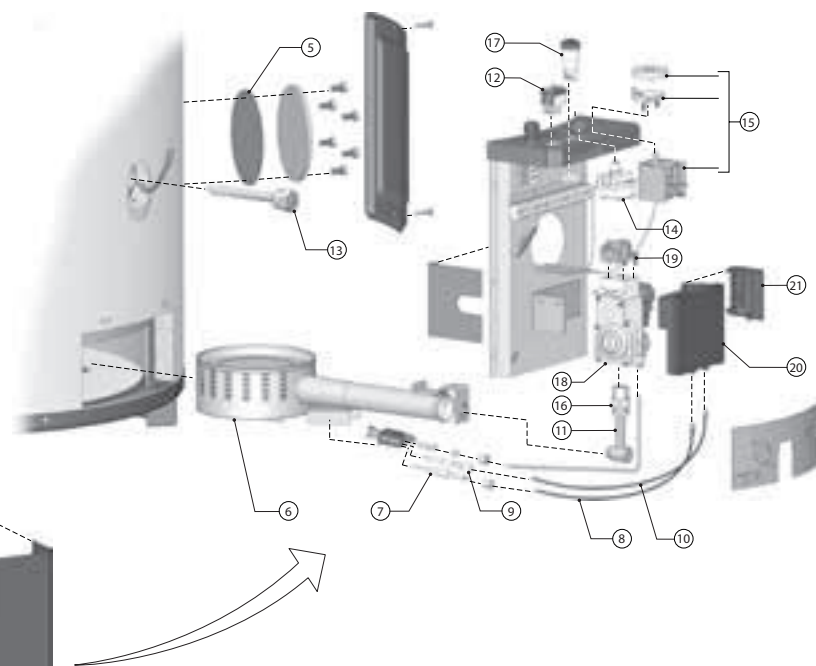


EVD-0040 Cross-fired flue AFTER 1-7-'07

Exploded view BTI



EVD-0026 BEFORE 1-7-'07



CMC

CMC parts

description	CMC 24
Boil-dry protection	0303110(S)
Transformer	0303111(S)
Control thermostat	0303151(S)
Safety thermostat	0303152(S)
Solid State relais	0303354(S)
Control light	0303454(S)
Condenser	0303456(S)
Sealing ring elemen	0303459(S)
Magnesium anode	0506200016(S)
Element	0501312025(S)
Gasket Element	0501240400(S)
Safety relais switch	0303084(S)
Cooling element	0303355(S)
Fuse 200mA 250V	0303113(S)

Remark:

Drawings of the SMITTY, MEV, MEH and CMC water heaters are not available

COF + exploded view COF

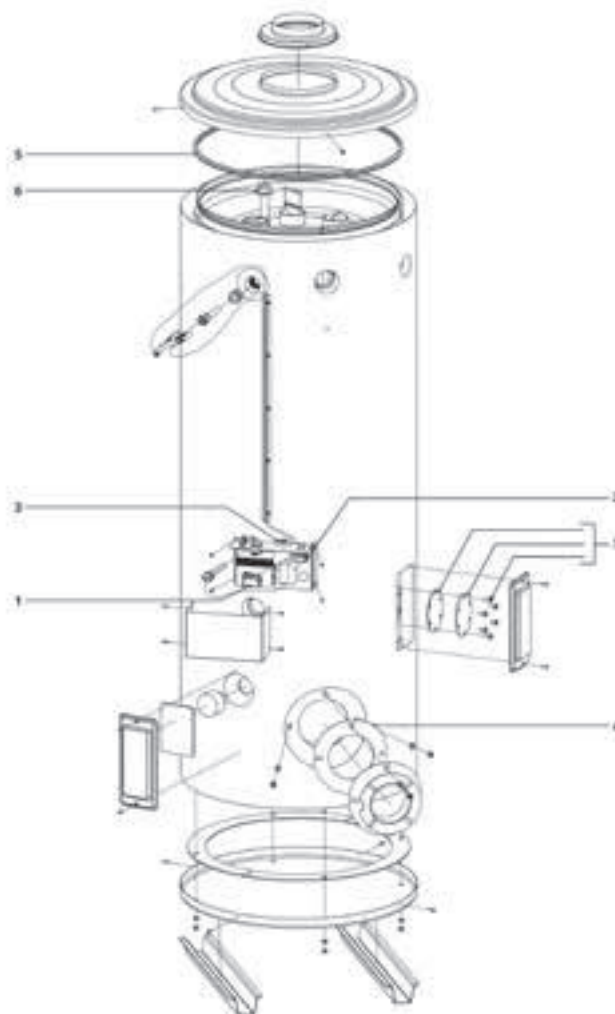
COF parts



no	description	199	245	315	385	455	700
1	High-limit thermostat (84°)	0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)	0302991(S)
2	Safety thermostat (95°)	0304855(S)	0304855(S)	0304855(S)	0304855(S)	0304855(S)	0304855(S)
3	Control thermostat (40- 80°)	0303031(S)	0303031(S)	0303031(S)	0303031(S)	0303031(S)	0303031(S)
4	Gasket burner flange	0305044(S)	0305044(S)	0305044(S)	0305044(S)	0305044(S)	0305044(S)
5	Sealant U-profile	0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)	0305098(S)
6	Anode	2x 0183463039(S)	2x 0183463039(S)	2x 0183463039(S)	2x 0183463039(S)	3x 0183463039(S)	4x 0183463039(S)
	Flexible anode	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)
7	Cleaning opening set	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)

COF accessories

description	date	199	245	315	385	455	700
Conversion set to LP-gas		0305130(S)	0305130(S)	0305131(S)	0305131(S)	0305131(S)	0305131(S)
Conversion set to NAT-gas		0305215(S)	0305215(S)	0305216(S)	0305216(S)	0305216(S)	0305216(S)
Oil orifice		0305135(S)	0305136(S)	0305137(S)	0305138(S)	0305139(S)	0305140(S)
Protected cold supply setup 1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
T&P valve		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Electric anode kit	after 1-8-'06	0308018(S)	0308018(S)	0308018(S)	0308018(S)	0308018(S)	0308018(S)
Burner assy NAT-gas		0305141(S)	0305141(S)	0305143(S)	0305143(S)	0305143(S)	0305217(S)
Burner assy LP-gas		0305142(S)	0305142(S)	0305144(S)	0305144(S)	0305144(S)	0305218(S)
Gas Control		0305128(S)	0305128(S)	0305128(S)	0305129(S)	0305129(S)	0305129(S)



EVD-0016

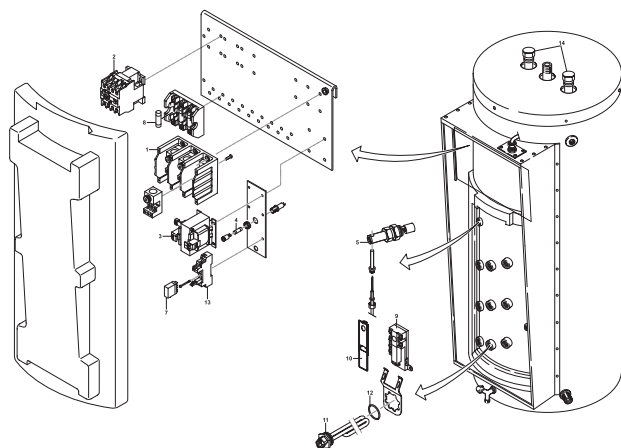
DRE + exploded view DRE

DRE parts

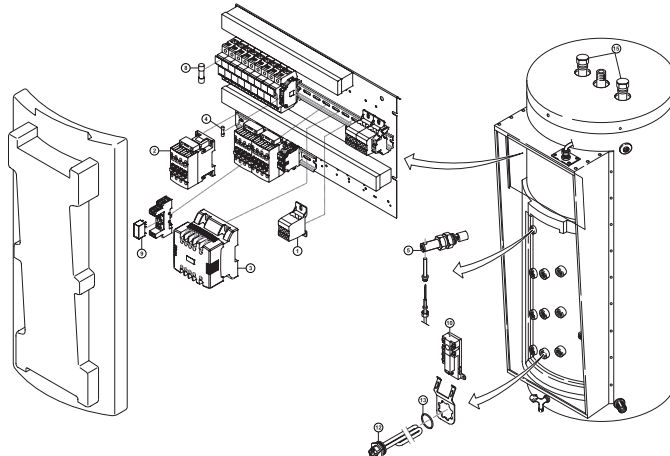
no	description	Date	52			80				120			
			9 kW	18 kW	36 kW	9 kW	18 kW	36 kW	54 kW	9 kW	18 kW	36 kW	54 kW
1	Thermal block	before 2-10-'11	0078268(S)	0078268(S)	0078269(S)	0078268(S)	0078268(S)	0078269(S)	0078269(S)	0078268(S)	0078268(S)	0078269(S)	0078269(S)
	Divider	After 3-10-'11	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)	0310095(S)
2	Security relays	before 2-10-'11	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)	0303084(S)
		After 3-10-'11	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)	0310096(S)
3	Transformer	before 2-10-'11	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)	0303111(S)
		After 3-10-'11	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)	0310102(S)
4	Fuse 250 V AC-T 200 mA	before 2-10-'11	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)	0303113(S)
	Fuse 1A/250V	After 3-10-'11	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)	0310099(S)
5	Float valve		0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)	0303947(S)
6	Safety thermostat		0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)	0303152(S)
7	Switch	before 2-10-'11	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)	0303950(S)
8	Fuse 30A/600V	before 2-10-'11	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)	0078272(S)
	Fuse 32A/400V	After 3-10-'11	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)	0310104(S)
9	Relais	After 3-10-'11	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)	0310100(S)
10	Thermostat		0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)	0076235(S)
11	Personnel protector	before 2-10-'11	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)
12	Element		0700771(S)	0042541024(S)	0042541024(S)	0700771(S)	0042541024(S)	0042541024(S)	0042541024(S)	0700771(S)	0042541024(S)	0042541024(S)	0042541024(S)
13	Gasket for element		0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)
14	Selenoide switch socket	before 2-10-'11	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)	0303951(S)
15	Magnesium anode		2x 0183463039(S)	2x 0183463039(S)	2x 0183463039(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)	2x 0183463050(S)
	Flexible magnesium anode		0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)	0304728(S)

DRE accessories

description	52			80				120			
	9 kW	18 kW	36 kW	9 kW	18 kW	36 kW	54 kW	9 kW	18 kW	36 kW	54 kW
T&P valve ¾" NO WRAS	0076527001(S)	0076527001(S)	0076527001(S)	0076527001(S)	0076527001(S)	0076527001(S)	0076527002(S)	0076527001(S)	0076527001(S)	0076527001(S)	0076527002(S)
Protected cold supply setup DN 32	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)	0309926(S)



EVD-0035 BEFORE 3-10-'11



EVD-0057 AFTER 3-10-'11

EB parts

No.	Description	EB 40 (1× HEX 2)			EB 50 (1× HEX 4)		
		From	Till	Art. no.	From	Till	Art. no.
Jacket							
1	Accesspanel Control Display			0310506(S)			0310506(S)
Heat Exchanger							
2	Gasket (Fan-Heat Exchanger)			0310812(S)			0310812(S)
3	Gasket (Venturi-Fan)			0310454(S)			0310454(S)
4	Venturi			0310429(S)			0310430(S)
5	Gasket (Silencer-Venturi)			0310403(S)			0310403(S)
6	Silencer			0310453(S)			0310451(S)
7	Gasket (Venturi-Gas Control Valve)			0310458(S)			0310458(S)
8	Gasket (Ionisation-/Ignition rod-Heat Ex.)			0310489(S)			0310489(S)
9	Clamp Cover Heat Exchanger			0310409(S)			0310409(S)
10	Cover Heat Exchanger			0310507(S)			0310508(S)
11	Gasket (Heat Exchanger-Cover Heat Ex.)			0310499(S)			0310500(S)
12	Gasket (Burner-Cover Heat Exchanger)			0310497(S)			0310498(S)
13	Burner	NAT-gas/LP-gas		0310494(S)	before 25-3-'12		0310495(S)
		NAT-gas		-	after 26-3-'12		0310534(S)
		LP-gas		-	after 26-3-'12		0310495(S)
14	Insulation Heat Exchanger			0310505(S)			0310505(S)
15	Heat Exchanger			0310813(S)			0310814(S)
16	Gasket (Condensate Tray-Heat Exchanger)			0310496(S)			0310502(S)
17	Safety Valve			0310466(S)			0310466(S)
18	Hose Clamp			0310477(S)			0310477(S)
19	Discharge Hose Safety Valve			0310486(S)			0310486(S)
20	Condensate Tray			0310503(S)			0310504(S)
21	Clamp Condensate Tray			0310408(S)			0310408(S)
22	Cap Automatic Air Vent			0310474(S)			0310474(S)
23	Automatic Air Vent			0310815(S)			0310815(S)
24	Gasket (Air Vent-Heat Exchanger)			0310816(S)			0310816(S)
25	Gasket (Condense Tray-Flue Gas Outlet)			0310817(S)			0310817(S)
26	Spring Ignition Electrode			0310491(S)			0310491(S)
27	Water Pressure Sensor			0310485(S)			0310485(S)
Casing and Tubing							
28	Gasket (Condense Tray-Air Box)			0310459(S)			0310459(S)
29	Gasket (Syphon-Air Box)			0310419(S)			0310419(S)
30	O-ring (Syphon)			0310420(S)			0310420(S)
31	O-ring (Syphontray)			0310818(S)			0310818(S)
32	Drain Pipe Condensate Tray			0310421(S)			0310421(S)
33	Syphon			0310375(S)			0310375(S)
34	Gasket Air Inlet			0310448(S)			0310448(S)
35	Cover Air Inlet			0310446(S)			0310446(S)
36	Gasket Flue Gas Discharge Pipe			0310487(S)			0310487(S)
37	Cover Air Inlet			0310447(S)			0310447(S)
38	Air Box (Backside)			0310417(S)			0310418(S)
39	Gasket (Air Box-Flow/Return)			0310407(S)			0310407(S)
40	Cover Air Box			0310822(S)			0310822(S)
41	Flens Gas Control Valve			0310462(S)			0310462(S)
42	O-ring (Flow/Return)			0310410(S)			0310410(S)
43	Gas Pipe			0310460(S)			0310460(S)
44	Gasket Gas Control Valve Connection			0310461(S)			0310461(S)
45	O-ring (Gas Pipe)			0310456(S)			0310456(S)
46	Return Pipe Pump			0310423(S)			0310455(S)

EB

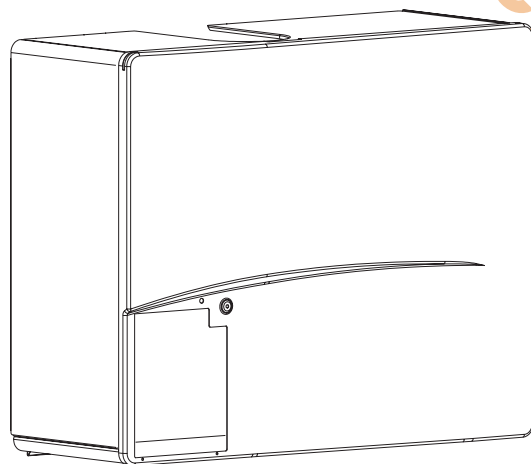
EB parts

No.	Description	EB 40 (1× HEX 2)			EB 50 (1× HEX 4)		
		From	Till	Art. no.	From	Till	Art. no.
47	O-ring (Flow/Return Connection)			0310824(S)			0310824(S)
48	Flow Pipe			0310427(S)			0310428(S)
49	Gasket (Pump)			0310820(S)			0310820(S)
50	Click Connection Air Box			0310438(S)			0310438(S)
51	Air Box (Frontside)			0310823(S)			0310416(S)
52	Gasket (Air Box)			0310478(S)			0310478(S)
53	Filter Return Pipe			0310821(S)			0310821(S)
Control and Electrical Parts							
54	Trafo			0310452(S)			0310452(S)
55	Control Box (Backside)			0310440(S)			0310440(S)
56	Cable Assy			0310479(S)			0310479(S)
57	Control			0310492(S)			0310492(S)
58	Display			0310493(S)			0310493(S)
59	Control Box (Frontside)			0310439(S)			0310439(S)
60	Lock (Control Box)			0310444(S)			0310444(S)
61	Lock (Control Box-Air Box)			0310445(S)			0310445(S)
62	Fan Motor			0310481(S)			0310406(S)
63	Pump			0310488(S)			0310509(S)
64	Gas Control Valve			0310869(S)			0310869(S)
65	Water Pressure Sensor			0310485(S)			0310485(S)
66	Ignition Electrode with Gasket			0310490(S)			0310490(S)
67	Flow Sensor			0310511(S)			0310511(S)
68	NTC Sensor			0310404(S)			0310404(S)
69	Fuse Control (250V 4AT)			0310484(S)			0310484(S)
	Fuse Control (250V F2.0A)			0310825(S)			0310825(S)
	Fuse Control (250V F3.0A)			0310826(S)			0310826(S)
70	Communication Cable (Control-Display)			0310433(S)			0310433(S)
71	Ignition Cable Set			0310480(S)			0310480(S)

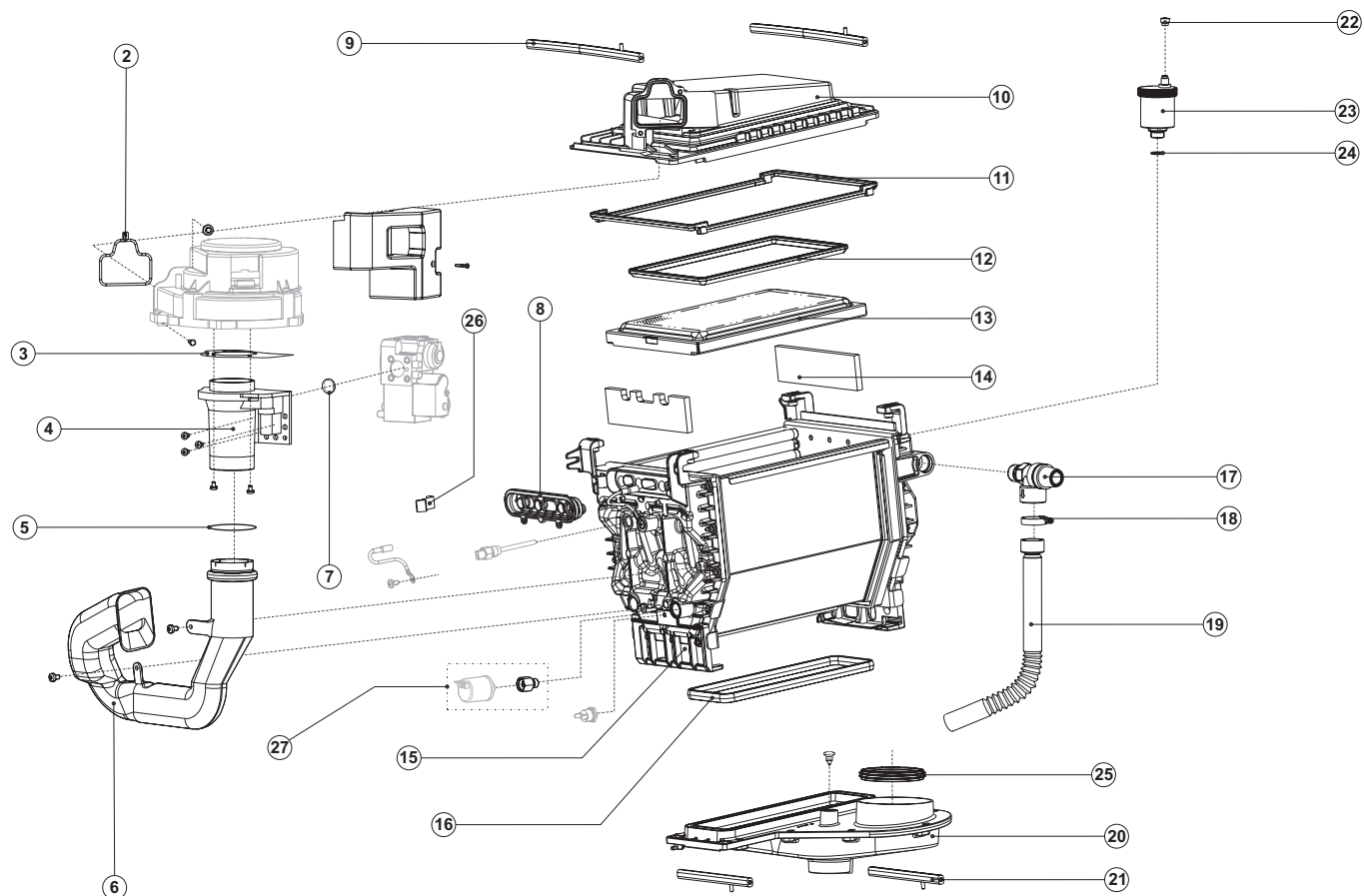
EB Conversion sets

Description	EB 40 (1× HEX 2)			EB 50 (1× HEX 4)		
	From	Till	Art. no.	From	Till	Art. no.
Conversion set to LP-gas from NAT-gas to LP-gas			0310800(S)	before 23-3-'12		0310793(S)
				after 26-3-'12		0310795(S)
Conversion set to NAT-gas from LP-gas to NAT-gas			0310802(S)			0310803(S)

Exploded view EB

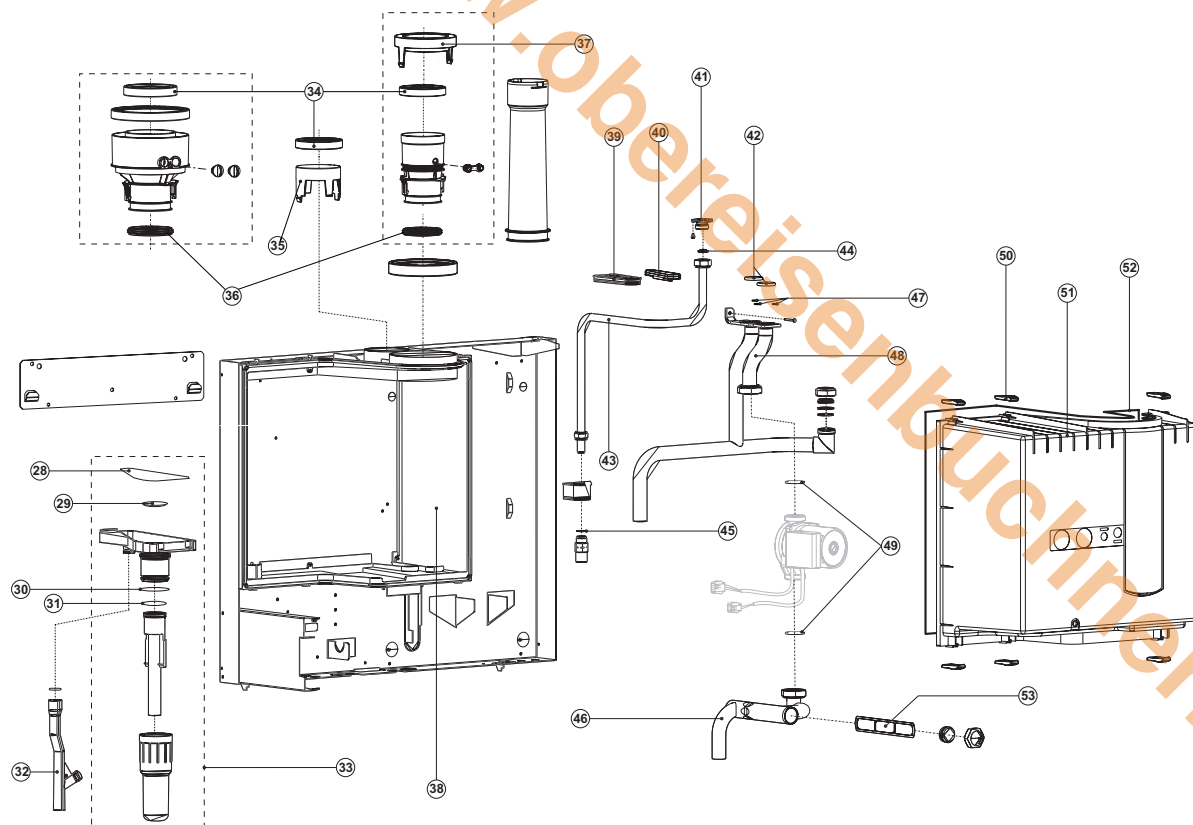


EVD-0087A

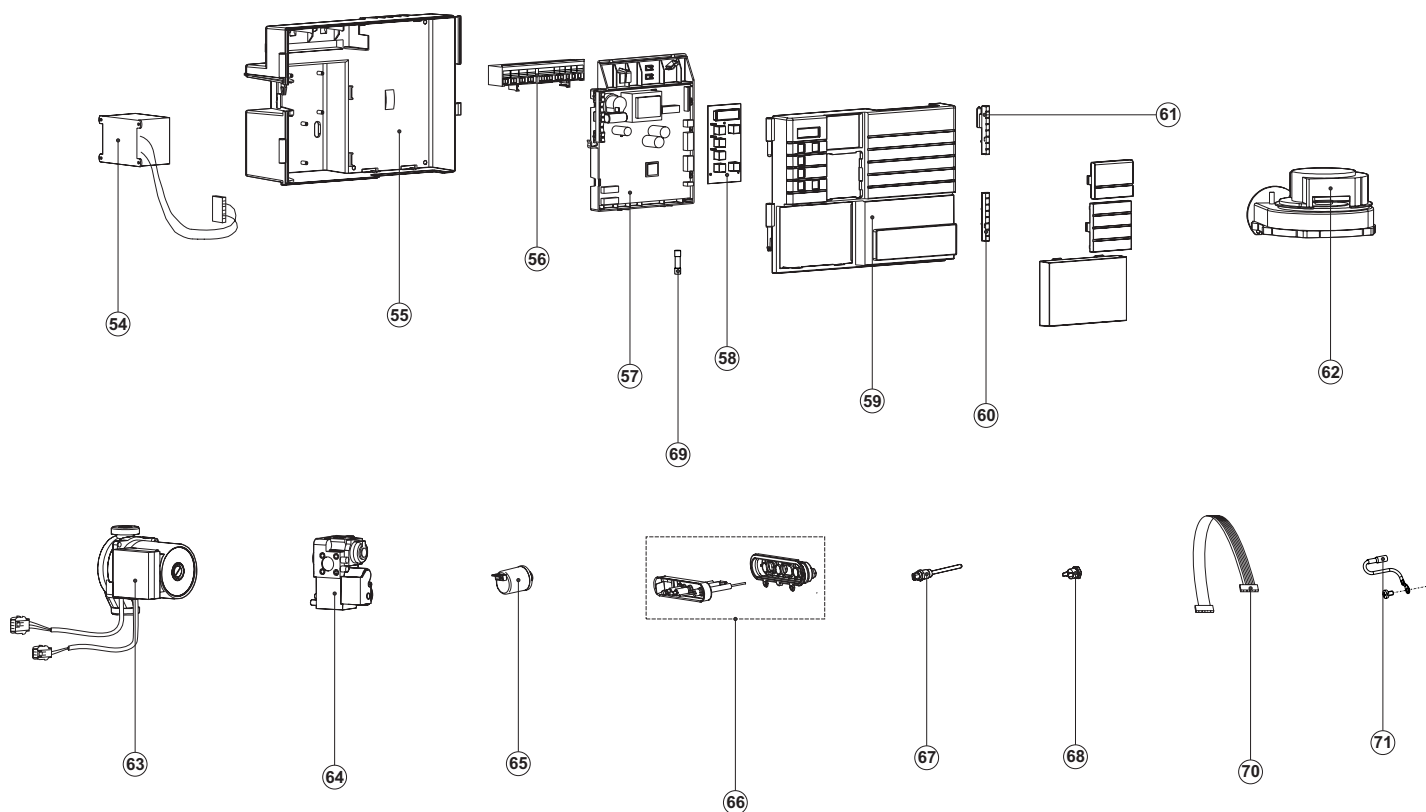


EVD-0087B

Exploded view EB



EVD-0087C

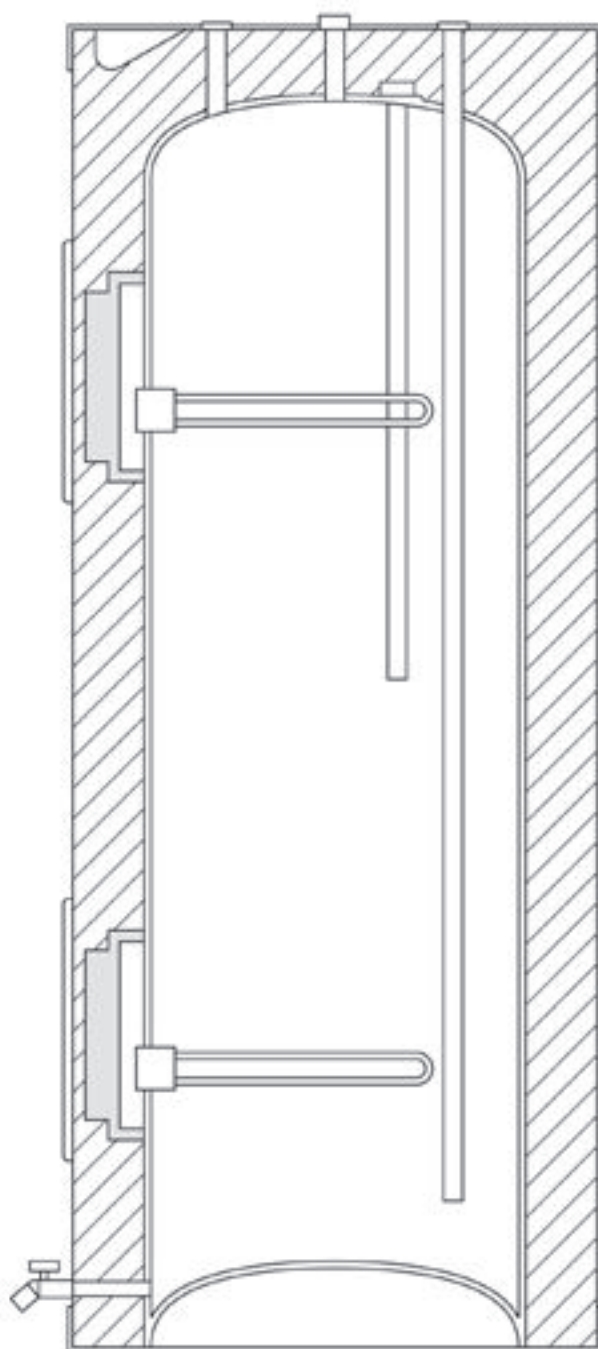


EVD-0087D

EES + exploded view EES



no	description	6	15	20	30	40	52	66	80	120
1	Control thermostat + reset button	0040836(S)	0040836(S)	0040836(S)	0040832(S)	0040832(S)	0040832(S)	0040832(S)	0040832(S)	0040832(S)
2	Control thermostat + reset button	-	-	-	0040834(S)	0040834(S)	0040834(S)	0040834(S)	0040834(S)	0040834(S)
3	Protection thermostat + reset button	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)	0180163(S)
4	Protection thermostat	-	-	-	0182117001(S)	0182117001(S)	0182117001(S)	0182117001(S)	0182117001(S)	0182117001(S)
5	Element 3 kW	-	-	-	0700771(S)	0700771(S)	0700771(S)	0700771(S)	0700771(S)	0700771(S)
	Element 2 kW	0700771001(S)	0700771001(S)	0700771001(S)	-	-	-	-	-	-
6	Gasket element	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)	0042537(S)
7	Inlet tube	-	-	0183350024(S)	0183776026(S)	0183776036(S)	0183776040(S)	0183776050(S)	0183776052(S)	0183776052(S)
8	Gasket inlet tube	-	-	0042037003(S)	0042037004(S)	0042037004(S)	0042037004(S)	0042037004(S)	0042037004(S)	0042037004(S)
9	Drain valve	0183463009(S)	0183463012(S)	0183463016(S)	0183463019(S)	0183463019(S)	0183463023(S)	0183463039(S)	0183463039(S)	0183463039(S)
	Magnesium anode	-	-	-	-	-	-	0304728(S)	0304728(S)	0304728(S)
	T&P valve 3/4"	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)



EQ / EQB

EQ + EQH parts



no	description	date	115	155	200	EQH
3	Flue baffle		0181382001(S)	0181382002(S)	0181382003(S)	0307363(S)
4	Burner		0300959(S)	0301159(S)	0301159(S)	0301159(S)
5	Thermocouple		0071872(S)	0071872(S)	0071872(S)	0071872(S)
6	Ignition cable		0303927(S)	0303927(S)	0303927(S)	0303927(S)
7	Electrode ignition		0071608(S)	0071608(S)	0071608(S)	0071608(S)
8	Drain valve		0042037001(S)	0042037001(S)	0042037001(S)	0042037001(S)
9	Gas control (NAT-gas)		0300947(S)	0300947(S)	0300947(S)	0300947(S)
	Gas control (LP-gas)		0300948(S)	0300948(S)	0300948(S)	0300948(S)
	Gas control (NAT-gas + LP-gas) (BE + FR only)		0300948(S)	0300948(S)	0300948(S)	0300948(S)
10	Piezo ignition		0307596(S)	0307596(S)	0307596(S)	0307596(S)
11	Magnesium anode		0183463023(S)	0183463039(S)	0183463039(S)	0183463032(S)
12	Cold water inlet		0183901 026(S)	0183901 035(S)	0183901 044(S)	0183901 047(S)
13	Sealing ring inlet		0183706(S)	0183706(S)	0183706(S)	0183706(S)
14	Thermostat roll-out protection		0071587(S)	0071587(S)	0071587(S)	0071587(S)
	Pilot burner (NAT-gas)		0301820(S)	0301820(S)	0301820(S)	0301820(S)
	Pilot burner (LP-gas)		0304315(S)	0304315(S)	0304315(S)	0304315(S)

no	description	date	280	380
1	Flue baffle	before 31-10-'07	0070239(S)	-
		before 21-8-'08	-	0301429(S)
		after 1-11-'07	4x 0196172001(S)	-
		after 22-8-'08	-	4x 0196172001(S)
2	Magnesium anode		0183463039(S)	0183463050(S)
	Flexible magnesium anode		0304728(S)	0304728(S)
3	Drain valve		0301022(S)	0301022(S)
4	Burner		0301399	0301400(S)
5	Burner tube		0301839(S)	0301839(S)
6	Thermo couple		0071872(S)	0071872(S)
7	Ignition cable		0303927(S)	0303927(S)
8	Electrode ignition		0071608(S)	0071608(S)
9	Gas control (NAT-gas)		0300947(S)	0300947(S)
	Gas control (LP-gas)		0300948(S)	0300948(S)
	Gas control (NAT-gas + LP-gas) (BE + FR only)		0300948(S)	0300948(S)
10	Piezo ignition		0307596(S)	0307596(S)
11	Gasket inspection opening		0301136(S)	0301136(S)
12	Cold water inlet		0194132 029(S)	0040542030(S)
13	Thermostat roll-out protection	before 1-11-'07	0305345(S)	0305345(S)
		after 1-11-'07	0308237(S)	-
		after 22-7-'08	-	0308237(S)
14	Thermostat roll-out protection connection cable		0305346(S)	0305346(S)
	Pilot burner (NAT-gas)		0301820(S)	0301820(S)
	Pilot burner (LP-gas)		0304586(S)	0304586(S)
	Conversion set to LP-gas	before 1-11-'07	0301464(S)	-
		before 22-7-'08	-	0301466(S)
		after 1-11-'07	0308682(S)	-
		after 22-7-'08	-	0308709(S)
	Conversion set to NAT-gas	before 1-11-'07	0301794(S)	-
		before 22-7-'08	-	0301796(S)
		after 1-11-'07	0308683(S)	-
		after 22-7-'08	-	0308710(S)

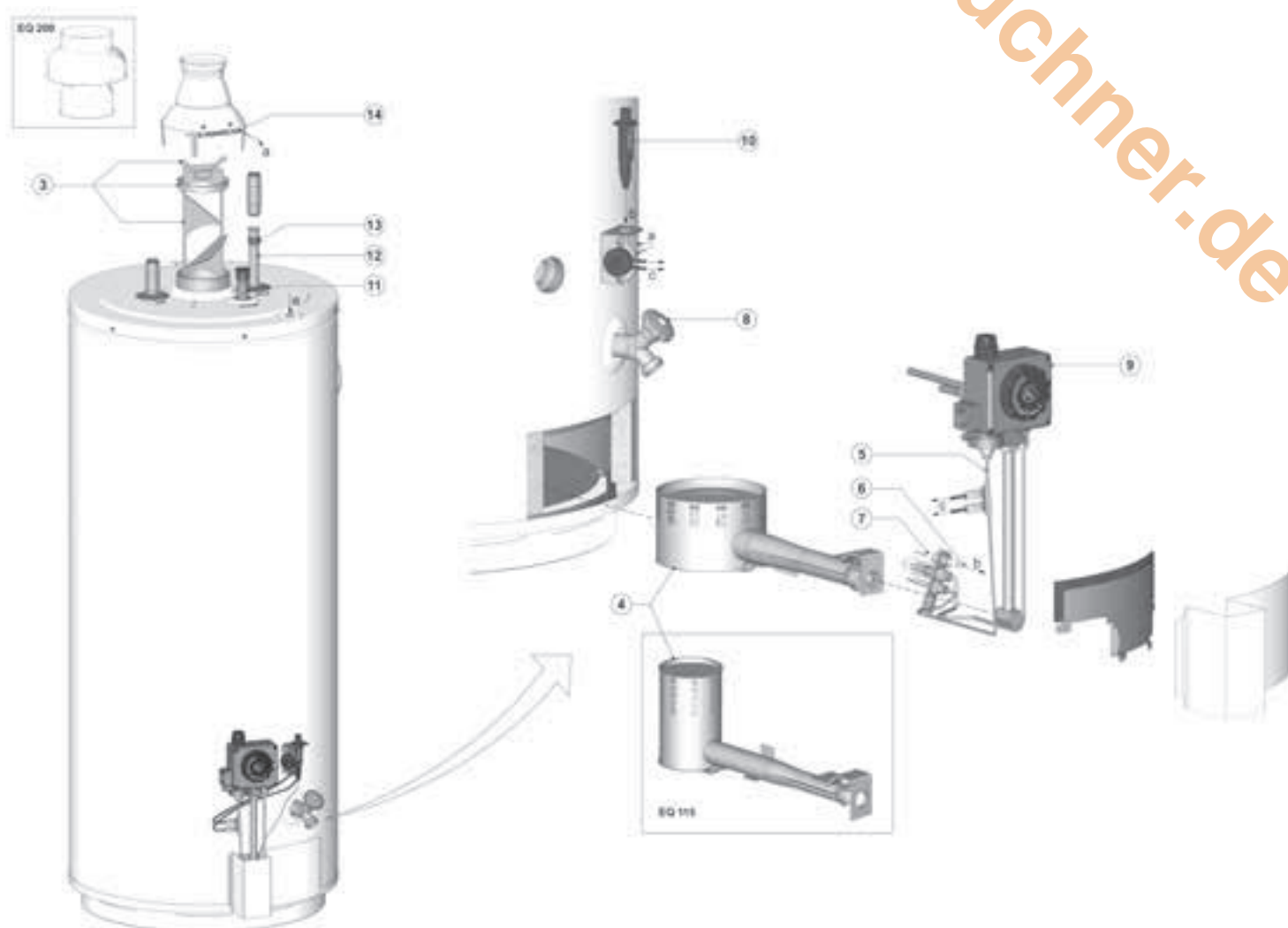
EQB parts

no	description	date	115	155	200	EQB 2005"
3	Flue baffle		0181 382001(S)	0181 382002(S)	0181 382003(S)	0307363(S)
4	Burner		0300959(S)	0301159(S)	0301159(S)	0301159(S)
5	Thermo couple		0071872(S)	0071872(S)	0071872(S)	0071872(S)
6	Ignition cable		0303927(S)	0303927(S)	0303927(S)	0303927(S)
7	Electrode ignition		0071608(S)	0071608(S)	0071608(S)	0071608(S)
8	Drain valve		0042037001(S)	0042037001(S)	0042037001(S)	0042037001(S)
9	Gas control (NAT-gas)		0300949(S)	0300949(S)	0300949(S)	0300949(S)
	Gas control (LP-gas)		0301914(S)	0301914(S)	0301914(S)	0301914(S)
10	Piezo ignition		0307596(S)	0307596(S)	0307596(S)	0307596(S)
11	Magnesium anode		0183463023(S)	0183463039(S)	0183463039(S)	0183463032(S)
12	Cold water inlet		0183901 026	0183901 035(S)	0183901 044(S)	0183901 047(S)
13	Sealing ring inlet		0183706(S)	0183706(S)	0183706(S)	0183706(S)
14	Thermostat roll-out protection		0071587(S)	0071587(S)	0071587(S)	0071587(S)
	Pilot burner (NAT-gas)		0301820(S)	0301820(S)	0301820(S)	0301820(S)
	Pilot burner (LP-gas)		0304315(S)	0304315(S)	0304315(S)	0304315(S)

EQ + exploded view EQ 115/ 155 / 200

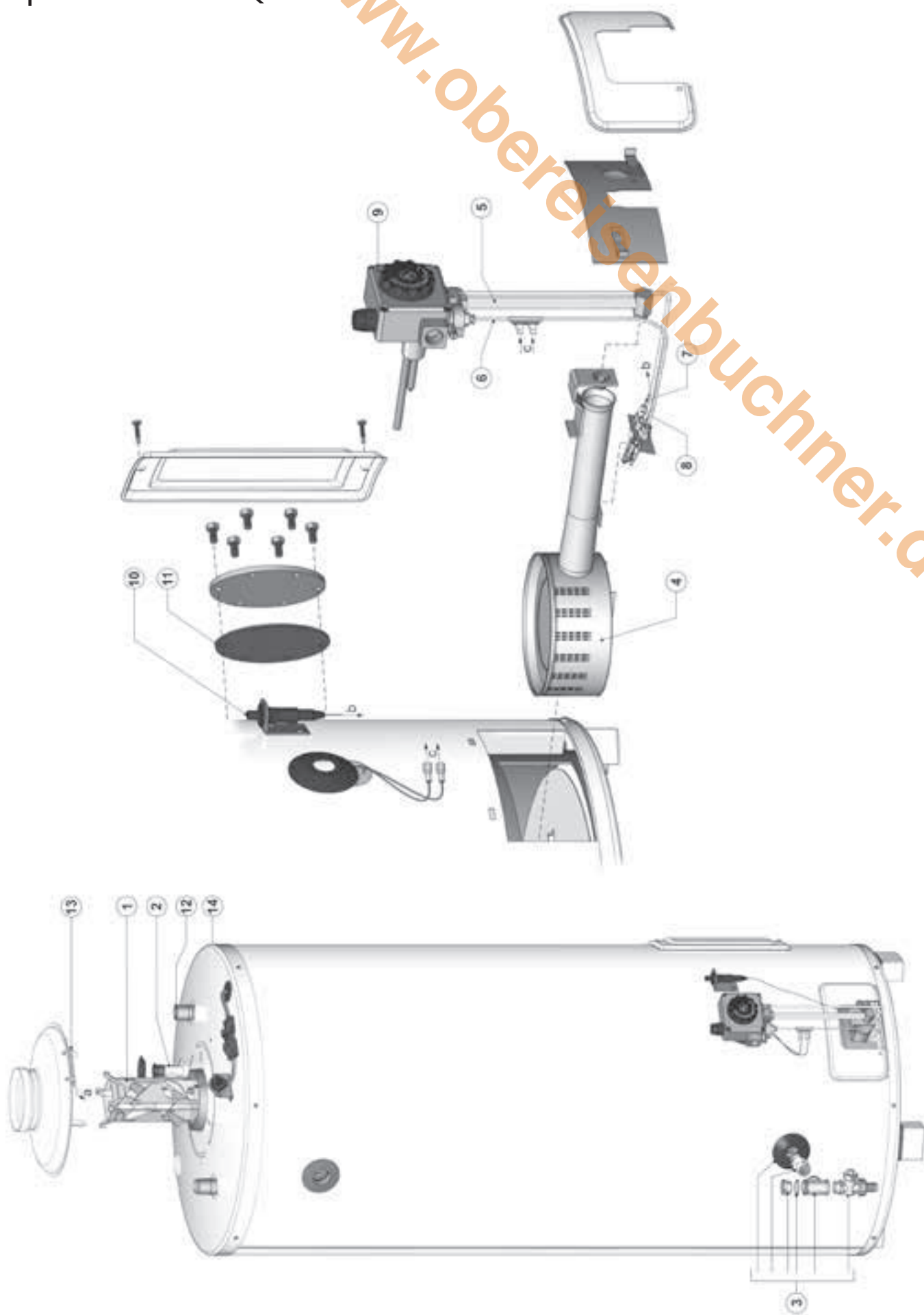
EQ/EQB accessories

description	date	EQ/EQB 115	EQ/EQB 155	EQ/EQB 200	EQB 5"	EQ/EQB 280	EQ 380
Conversion set to LP-gas		The correct article numbers for sets to convert from LP-gas to NAT-gas can be ordered via TSG					
Conversion set to NAT-gas							
Thermostat roll-out protection connection kit		0303486(S)	0303486(S)	0303486(S)	-	0303486(S)	0303486(S)
Protected cold supply setup 3/4" sfr		0302706(S)	0302706(S)	0302706(S)	-	0302706(S)	0302706(S)
Cleaning opening set		-	-	-	-	0305082(S)	0305082(S)
Gas Cock		0300718(S)	0300718(S)	0300718(S)	0300718(S)	0300718(S)	0300718(S)



EVD-0012_R1

Exploded view EQ 280 / 380



EVD-0013



IT 300-1000 parts

description	300	400	500	600	750	1000
Magnesium anode	0303848(S)	0301637(S)	0301639(S)	0301641(S)	0301641(S)	0301641(S)
Flexible magnesium anode	-	0301727(S)	0301727(S)	0301727(S)	0301727(S)	0301727(S)
Gasket cleaning opening	0303845(S)	0301535(S)	0301535(S)	0301536(S)	0301536(S)	0301536(S)
Immersion well (120 mm)	0303840(S)	-	-	-	-	-
Immersion well (55 mm)	0303841(S)	-	-	-	-	-
Leveling screw	0303820(S)	-	-	-	-	-
Cover inspection opening	0304507(S)	0304507(S)	0304507(S)	0304509(S)	0304509(S)	0304509(S)
Cover	0304504(S)	0304504(S)	0304504(S)	0304505(S)	0304505(S)	0304506(S)
Complete insulation set	0303724(S)	0302831(S)	0302835(S)	0302839(S)	0302843(S)	0302847(S)
Flange clean out	0303844(S)	0301517(S)	0301517(S)	0301534(S)	0301534(S)	0301534(S)

IT 300-1000 accessories

description	300	400	500	600	750	1000
Thermometer kit	0304593(S)	0304593(S)	0304593(S)	0304594(S)	0304594(S)	0304594(S)
Nipple set 2" BSP F to R 1" M	-	0309754(S)	0309754(S)	-	-	-
Nipple set 2" BSP F to R 1 1/2" M	-	0309755(S)	0309755(S)	-	-	-
Nipple set 2 1/2" BSP F to R 1" M	-	-	-	0309756(S)	0309756(S)	0309756(S)
Nipple set 2 1/2" BSP F to R 1 1/4" M	-	-	0309757(S)	0309757(S)	0309757(S)	-
Nipple set 2 1/2" BSP F to R 1 1/2" M	-	-	0309758(S)	0309758(S)	0309758(S)	-

IT 1500-3000 parts

description	1500	2000	2500	3000
Jacket (hard)	0308974(S)	0308975(S)	0308976(S)	0308977(S)
Jacket (flexible)	0308966(S)	0308967(S)	0308968(S)	0308969(S)
Gasket cleaning opening	0307126(S)	0307126(S)	0307126(S)	0307126(S)
Thermostat	0307129(S)	0307129(S)	0307129(S)	0307129(S)
Hot water connection 2"	0307132(S)	0307132(S)	0307132(S)	0307132(S)
Magnesium anode	0311083(S)	0311083(S)	0311084(S)	0311084(S)

IT 1500-3000 accessories

description	1500	2000	2500	3000
Nipple set 2" BSP F to R 1" M	0309754(S)	0309754(S)	0309754(S)	0309754(S)
Nipple set 2" BSP F to R 1 1/2" M	0309755(S)	0309755(S)	0309755(S)	0309755(S)
Safety group	0308173(S)	0308173(S)	0308173(S)	0308173(S)
Thermometer kit	0308176(S)	0308176(S)	0308176(S)	0308176(S)

ITE



ITE 400-1000 parts

no	description	400	500	600	750	1000
1	Magnesium anode	0301637(S)	0301639(S)	0301641(S)	0301641(S)	0301641(S)
	Magnesium anode flex 1 1/4"	0301727(S)	0301727(S)	0301727(S)	0301727(S)	0301727(S)
2	Gasket clean out	0301535(S)	0301535(S)	0301536(S)	0301536(S)	0301536(S)
6	Cover front	0304507(S)	0304507(S)	0304509(S)	0304509(S)	0304509(S)
7	Cover jacket	0304504(S)	0304504(S)	0304505(S)	0304505(S)	0304506(S)
8	Insulation complete	0302831(S)	0302835(S)	0302839(S)	0302843(S)	0302847(S)
9	Flange clean out	0301517(S)	0301517(S)	0301534(S)	0301534(S)	0301534(S)

ITE 400-1000 accessories

description	400	500	600	750	1000
Thermometer kit	0304593(S)	0304593(S)	0304594(S)	0304594(S)	0304594(S)
Nipple set 2" BSP F to R 1" M	0309754(S)	0309754(S)	-	-	-
Nipple set 2" BSP F to R 1 1/2" M	0309755(S)	0309755(S)	-	-	-
Nipple set 2 1/2" BSP F to R 1" M	-	-	0309756(S)	0309756(S)	0309756(S)
Nipple set 2 1/2" BSP F to R 1 1/4" M	-	-	0309757(S)	0309757(S)	0309757(S)
Nipple set 2 1/2" BSP F to R 1 1/2" M	-	-	0309758(S)	0309758(S)	0309758(S)

ITS



ITS parts

description	300	400	500	600	750	1000
Magnesium anode	0303849(S)	0301639(S)	0301639(S)	0301641(S)	0301641(S)	0301641(S)
Flexible magnesium anode	-	0301727(S)	0301727(S)	0301727(S)	0301727(S)	0301727(S)
Gasket cleaning opening	0303845(S)	0301535(S)	0301535(S)	0301536(S)	0301536(S)	0301536(S)
Immersion well (120 mm)	0303840(S)	-	-	-	-	-
Immersion well (55 mm)	0303841(S)	-	-	-	-	-
Leveling screw	0303820(S)	-	-	-	-	-
Cover inspection opening	0304507(S)	0304507(S)	0304507(S)	0304509(S)	0304509(S)	0304509(S)
Cover	0304504(S)	0304504(S)	0304504(S)	0304505(S)	0304505(S)	0304506(S)
Complete insulation set	0303724(S)	0302855(S)	0302859(S)	0302863(S)	0302867(S)	0302871(S)
Flange clean out	0303844(S)	0301517(S)	0301517(S)	0301534(S)	0301534(S)	0301534(S)

ITS accessories

description	300	400	500	600	750	1000
Thermometer kit	0304593(S)	0304593(S)	0304593(S)	0304594(S)	0304594(S)	0304594(S)
Nipple set 2" BSP F to R 1" M	-	0309754(S)	0309754(S)	-	-	-
Nipple set 2" BSP F to R 1 1/2" M	-	0309755(S)	0309755(S)	-	-	-
Nipple set 2 1/2" BSP F to R 1" M	-	-	-	0309756(S)	0309756(S)	0309756(S)
Nipple set 2 1/2" BSP F to R 1 1/4" M	-	-	-	0309757(S)	0309757(S)	0309757(S)
Nipple set 2 1/2" BSP F to R 1 1/2" M	-	-	-	0309758(S)	0309758(S)	0309758(S)

MEV / MEH

MEV / MEH parts

description	MEV 50	MEV 80	MEV 100	MEH 80	MEH 100
Element	0071437(S)	0071437(S)	0071439(S)	0071437(S)	0071439(S)
Gasket element	0071442(S)	0071442(S)	0071442(S)	0071442(S)	0071442(S)
Gasket flange	0071501(S)	0071501(S)	0071501(S)	0071501(S)	0071501(S)
Thermostat	0071435(S)	0071435(S)	0071436(S)	0071435(S)	0071436(S)
Anode	0071443(S)	0071443(S)	0071443(S)	0071443(S)	0071443(S)
Controle light	0071412(S)	0071412(S)	0071412(S)	0071412(S)	0071412(S)
Thermometer	0071451(S)	0071451(S)	0071451(S)	0071451(S)	0071451(S)

NGT + exploded view NGT

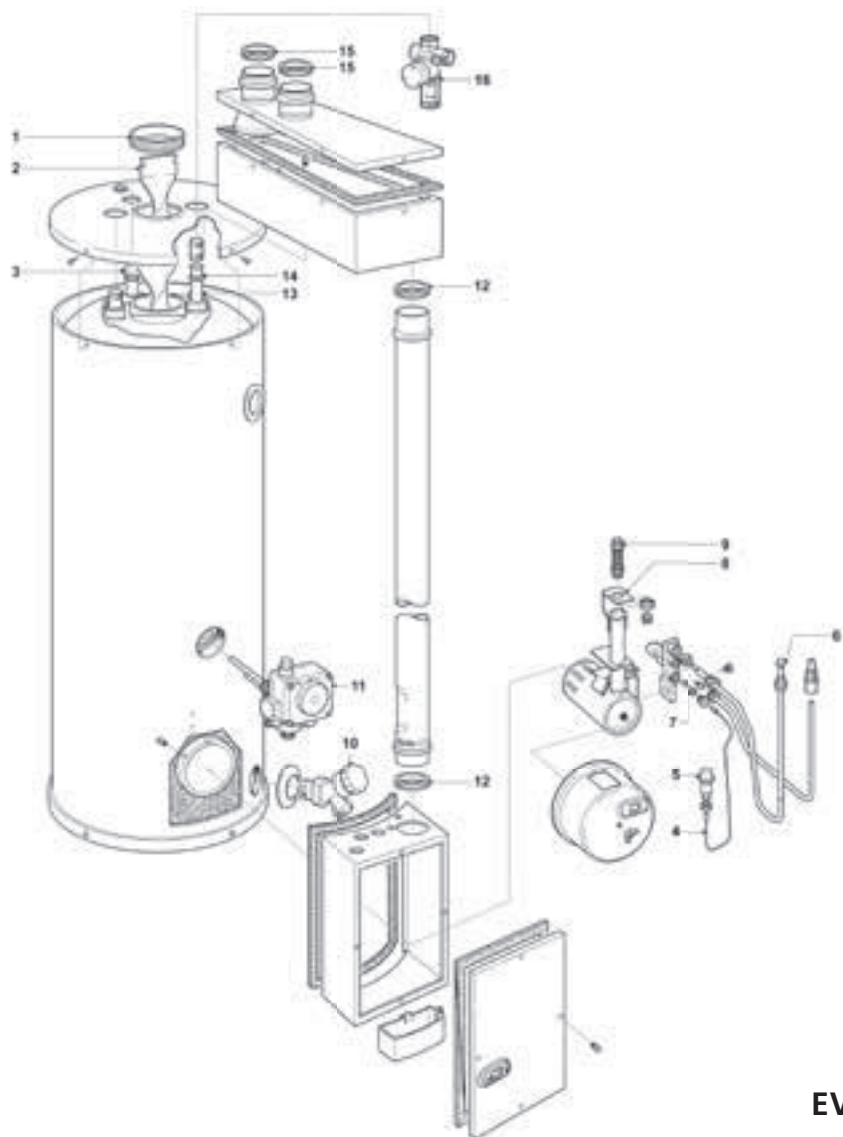
NGT parts



no	description	115	155
1	Sealing flue pipe	0071810(S)	0071810(S)
2	Flue baffle	0301833(S)	0301843(S)
3	Magnesium anode	0183463023(S)	0183463039(S)
4	Ignition cable	0303927(S)	0303927(S)
5	Piezo ignition	0307596(S)	0307596(S)
6	Thermo couple	0071607001(S)	0071607001(S)
7	Ignition electrode	0071608(S)	0071608(S)
8	Burner	0304239(S)	0304239(S)
9	Burner tube	0070374(S)	0070374(S)
10	Hot water outlet nipple	0026273007(S)	0026273007(S)
11	Pilot burner	0300947(S)	0300947(S)
12	Gasket	0304860(S)	0304860(S)
13	Cold water inlet	0183352031(S)	0183352042(S)
14	Gasket tube inlet	0183706(S)	0183706(S)
15	Gasket	0300511(S)	0300511(S)
	Complete pilot burner assy	0071630003(S)	0071630003(S)

NGT accessories

description	115	155
Inlet security group 3/4" sfr	0302706(S)	0302706(S)



EVD-0014

PGCS + exploded view PGCS

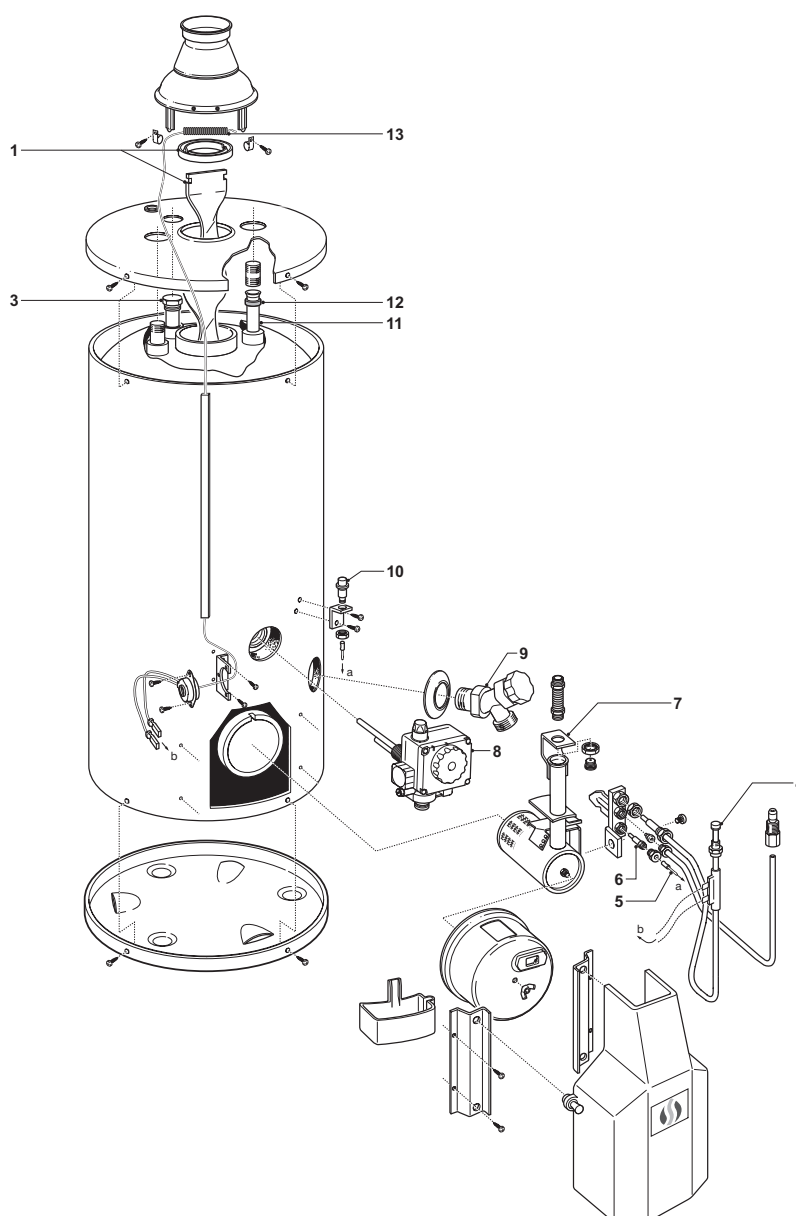
PGCS parts



no	description	30	40
1	Flue baffle	0040400018(S)	0040400017(S)
3	Magnesium anode	0183463023(S)	0183463039(S)
4	Thermo couple	0071872(S)	0071872(S)
5	Ignition cable	0303927(S)	0303927(S)
6	Ignition electrode	0071608(S)	0071608(S)
7	Burner	0304239(S)	0304239(S)
8	Pilot burner	0300947(S)	0300947(S)
9	Hot water outlet nipple	0042037001(S)	0042037001(S)
10	Piezo ignition	0307596(S)	0307596(S)
11	Cold water inlet	0183352031(S)	0183352042(S)
12	Gasket tube inlet	0183706(S)	0183706(S)
13	Thermostat roll-out protection	0071587(S)	0071587(S)
	Complete pilot burner assy (NAT-gas)	0301820(S)	0301820(S)
	Complete pilot burner assy (LP-gas)	0304315(S)	0304315(S)

PGCS accessories

description	30	40
Inlet security group 3/4" sfr	0302706(S)	0302706(S)
Connection set thermostat roll-out protection	0303486(S)	0303486(S)



EVD-0036

PHE



PHE Plate heat exchanger

description	article number
Insulation set PHE 50/75	0307623(S)
Insulation set PHE 100/150	0307625(S)
Insulation set PHE 175/225	0307627(S)
Insulation set PHE 250	0307629(S)

SGE before 22-10-'09

SGE parts

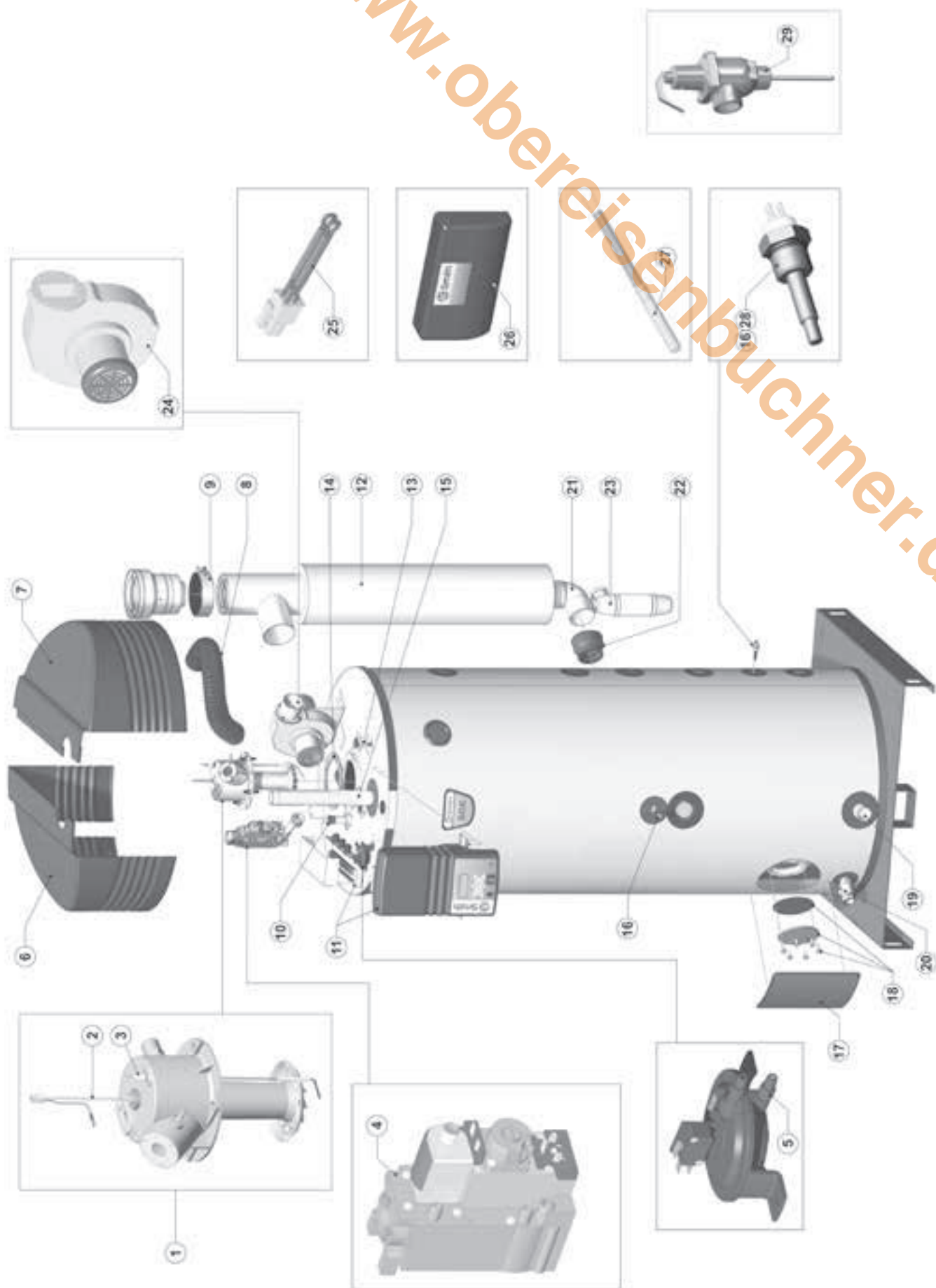


no	description	date	40	60
1	Burner NAT-gas		0304085(S)	0308889(S)
	Burner LP-gas		0304086(S)	0308906(S)
2	Hot surface igniter		0304079(S)	0304079(S)
3	Flame probe		0192478(S)	0192478(S)
4	Gas control		0300808(S)	0300808(S)
5	Differential air pressure switch		0309054(S)	0308872(S)
6	Left plastic top cover		0304881(S)	0304881(S)
7	Right plastic top cover		0304882(S)	0304882(S)
8	Air supply hose		0304035(S)	0304035(S)
9	Clamping strip Ø 130 mm		0305027(S)	0305027(S)
11	Appliance control service kit		0308882(S)	0308882(S)
12	Transition piece damper		0304987(S)	0304987(S)
13	Temperature sensor T2 (top tank)		0304469(S)	0304469(S)
14	Gasket burner/tank		0192331(S)	0192331(S)
15	Hot water outlet nipple		0304017(S)	0304017(S)
16	Temperature sensor T1 (bottom tank)		0308149(S)	0308149(S)
17	Cover plate cleaning opening		0039137002/24(S)	0039137002/24(S)
18	Cleaning opening set		0305082(S)	0305082(S)
19	Cold water inlet nipple		0070615(S)	0070615(S)
20	Drain valve		0308997(S)	0308997(S)
21	Bend		0304986(S)	0304986(S)
22	Adapting socket		0192636(S)	0192636(S)
23	Siphon		0307725(S)	0307725(S)
24	Fan kit		0304104(S)	0304104(S)
25	Flue gas sensor		0304301(S)	0304301(S)
26	Solar system control service kit		0308874(S)	0308874(S)
27	Temperature sensor S1 (in solar collector)		0308904(S)	0308904(S)
28	Temperature sensor S2 (in solar heat exchanger)		0308149(S)	0308149(S)
29	T&P valve		0099383005(S)	0099383005(S)

SGE accessories

description	date	40	60
Conversion kit LP-gas		0309047(S)	0308988(S)
Conversion kit NAT-gas		0309048(S)	0308989(S)
Gas Cock ¾"		0300719(S)	0300719(S)
Protected cold supply setup G1"		0070066003(S)	0070066003(S)
Reducing Nipple Rp1½"x 22 mm press		0309411(S)	0309411(S)
Reducing Nipple Rp1½"x 28 mm press		0309412(S)	0309412(S)
Reducing Nipple Rp1½"x 35 mm press		0309413(S)	0309413(S)
Dummy (sensor solarkit)		0309152(S)	0309152(S)
Isolating transformer		0306054(S)	0306054(S)
Power Anode set		0309217(S)	0309217(S)
T&P Valve 150 psi		0099383005(S)	0099383005(S)
Extension nipple T&P		0306713(S)	0306713(S)
Dscale application set		0307564(S)	0307564(S)
Dscale bottle set		0311398(S)	0311398(S)
Combined Flow & Temp. sensor		0309285(S)	0309285(S)

Exploded view SGE before 22-10-'09



EVD-0045

SGE after 22-10-'09

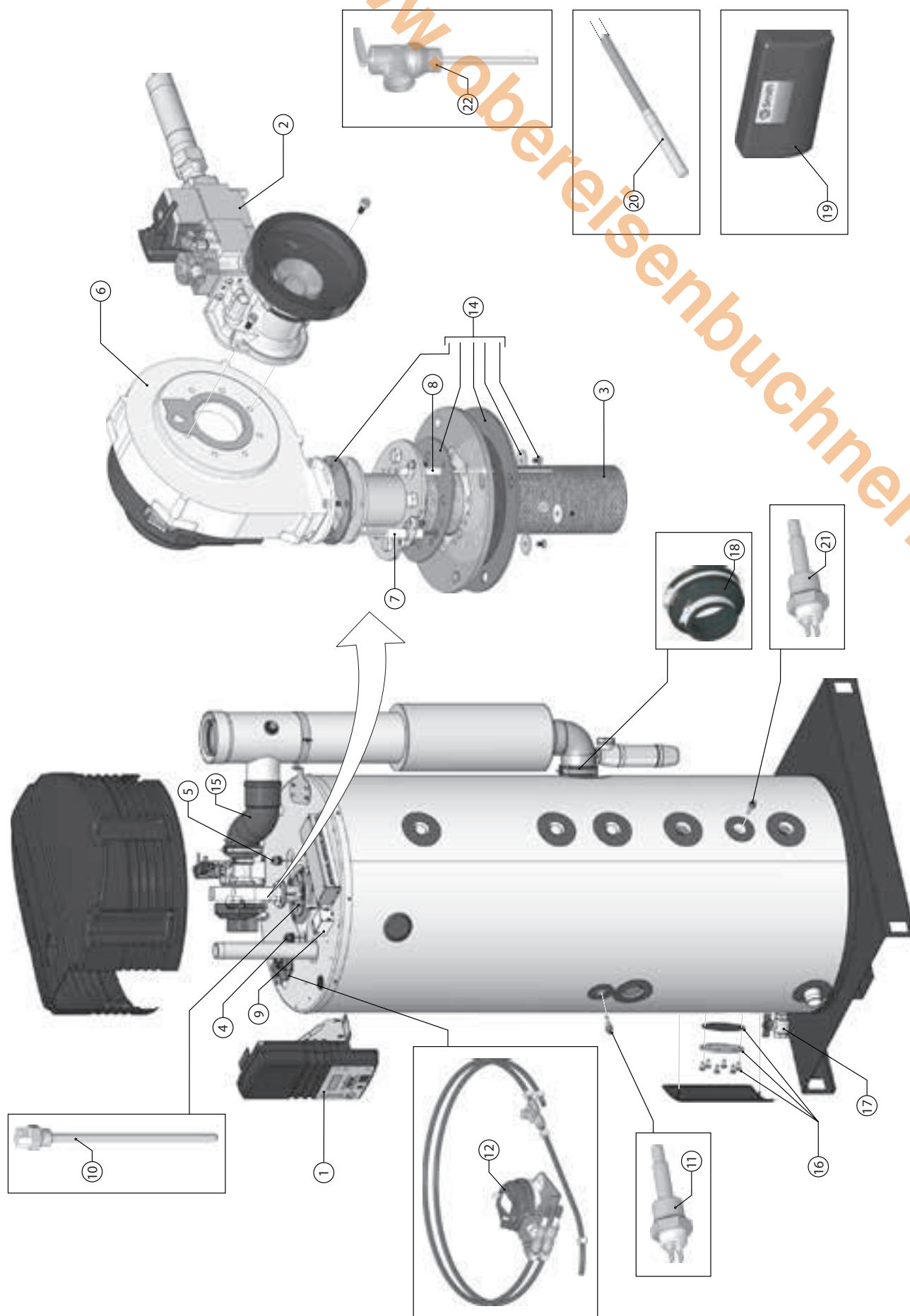
SGE parts

nr	Description	date	40	60
1	Control	before 28-7-'13	0309362(S)	0309362(S)
		after 29-7-'13	0311159(S)	0311159(S)
2	Gas control (NAT-gas) G20	before 3-2-'13	0310186(S)	0310186(S)
		after 4-2-'13	0310155(S)	0310155(S)
	Gas control (NAT-gas) G25	before 30-12-'12	0310187(S)	0310187(S)
		after 31-12-'12	0310156(S)	0310156(S)
	Gas control (LP-gas)	before 3-2-'13	0310188(S)	0310188(S)
		after 4-2-'13	0310157(S)	0310157(S)
3	Burner		0309297(S)	0309297(S)
4	Power Anode		0197709(S)	0197709(S)
5	Power Anode		0197710(S)	0197710(S)
6	Fan		0309159(S)	0309159(S)
7	Glow igniter		0309232(S)	0309232(S)
8	Flame probe		0310075(S)	0310075(S)
9	Potentiostat		0306160(S)	0306160(S)
10	Temperature Sensor (top of tank)		0304469(S)	0304469(S)
11	Temperature Sensor (bottom of tank)		0308149(S)	0308149(S)
12	Differential air pressure switch		0309169(S)	0309169(S)
13	Harness		0309136(S)	0309136(S)
14	Gaskets		0309608(S)	0309608(S)
15	Air inlet		0309148(S)	0309148(S)
16	Cleaning opening		0305082(S)	0305082(S)
17	Drain valve		0026273004(S)	0026273004(S)
18	Plastic adapting socket (exit heat exchanger)		0192636(S)	0192636(S)
19	Solar system control	before 28-7-'13	0308874(S)	0308874(S)
		after 29-7-'13	0311055(S)	0311055(S)
20	Temperature Sensor (collector)		0308904(S)	0308904(S)
21	Temperature Sensor (small heat exchanger)		0308149(S)	0308149(S)
22	Reducing valve	after 4-2-'13	0310180(S)	0310180(S)

SGE accessories

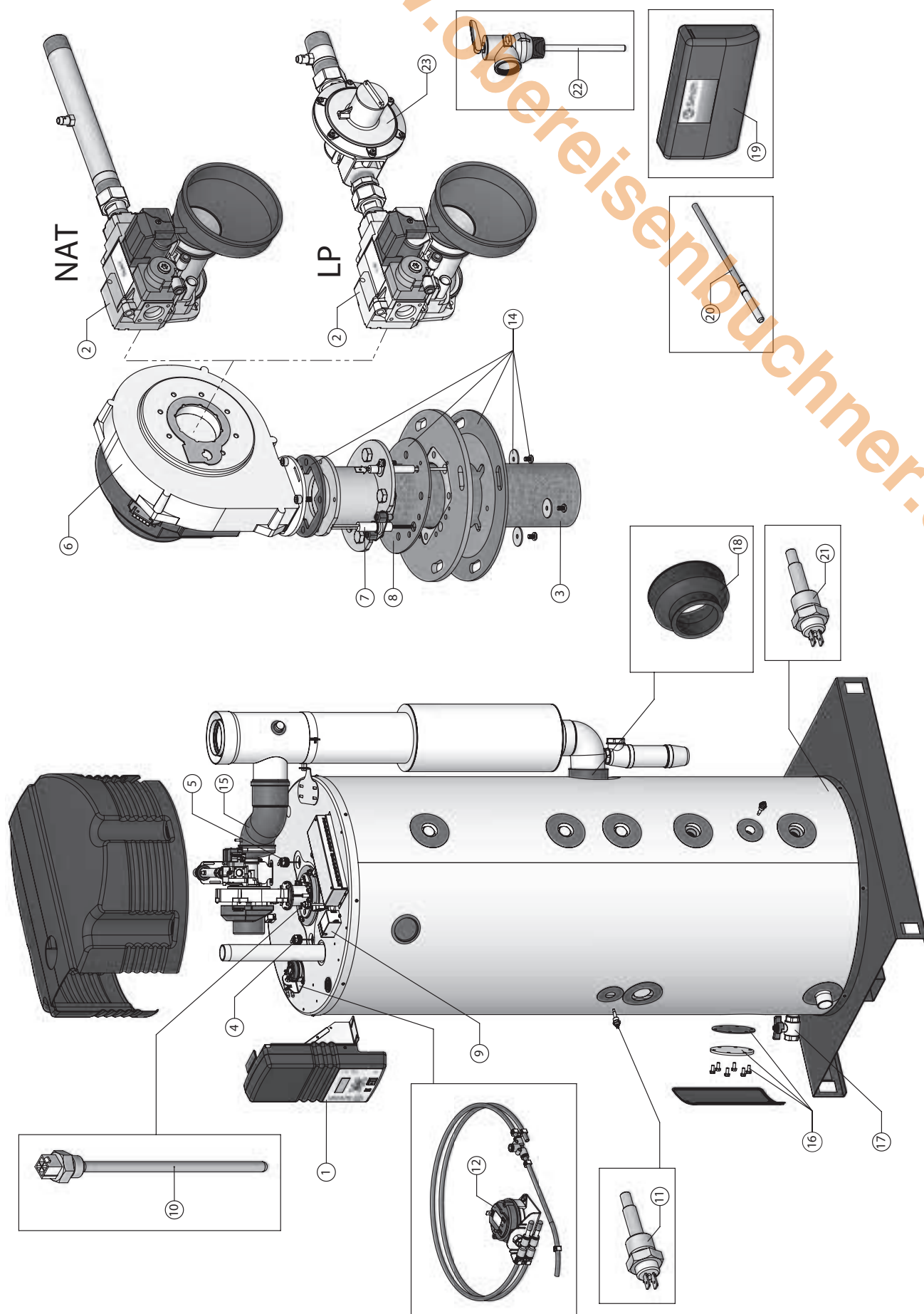
Description	date	40	60
Conversion kit to LP-gas (NL only)	before 30-12-'12	0309540(S)	0309540(S)
Conversion kit to LP-gas	before 3-2-'13	0309540(S)	0309540(S)
Conversion kit to LP-gas (NL only)	after 31-12-'12	0310936(S)	0310936(S)
Conversion kit to LP-gas	after 4-2-'13	0310936(S)	0310936(S)
Conversion kit to NAT-gas	before 30-12-'12	0309541(S)	0309541(S)
Conversion kit to NAT-gas	before 3-2-'13	0309541(S)	0309541(S)
Conversion kit to NAT-gas	after 31-12-'12	0310937(S)	0310937(S)
Conversion kit to NAT-gas	after 4-2-'13	0310937(S)	0310937(S)
Gas Cock		0300719(S)	0300719(S)
Protected cold supply		0070066003(S)	0070066003(S)
T&P valve NO WRAS		0099383005(S)	0099383005(S)
Reducing Nipple (for T&P)		0306713(S)	0306713(S)
Reducing Nipple Rp1½"x 22 mm press		0309411(S)	0309411(S)
Reducing Nipple Rp1½"x 28 mm press		0309412(S)	0309412(S)
Reducing Nipple Rp1½"x 35 mm press		0309413(S)	0309413(S)
Combined flow & temperature sensor		0309285(S)	0309285(S)
Dummy (sensor solarkit)		0309152(S)	0309152(S)
Isolation transformer		0309887(S)	0309887(S)
BMS interface		0310013(S)	0310013(S)
Remote display		0309999(S)	0309999(S)
Expansion valve ½" 8 bar		0305712(S)	0305712(S)
Inlet security set DN40		0309927(S)	0309927(S)
Dscale application set		0307564(S)	0307564(S)
Dscale bottle set		0311398(S)	0311398(S)
Extension cable collection sensor 5 mtr		0309197(S)	0309197(S)

Exploded view SGE from 22-10-'09 until 3-2-'13



EVD-0056 R0

Exploded view SGE after 4-2-'13



EVD-0056 R1

SGS 28-60 before 14-9-'09

SGS parts

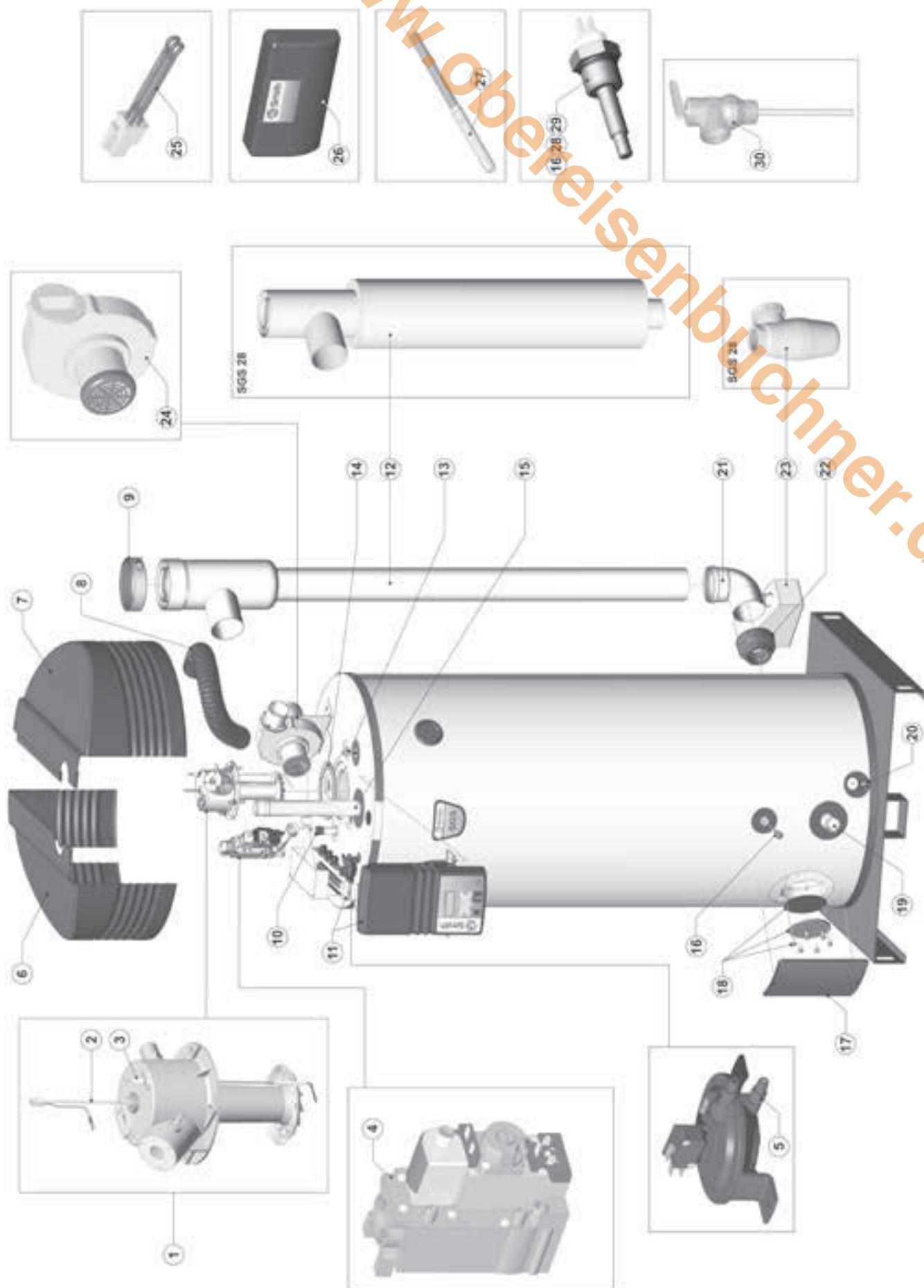


no	description	date	28	30	50	60
1	Burner NAT-gas		0304083(S)	0304083(S)	0304085(S)	0304087(S)
	Burner LP-gas		0304084(S)	0304084(S)	0304086(S)	0304088(S)
2	Glow igniter service kit		0304079(S)	0304079(S)	0304079(S)	0304079(S)
3	Flame probe		0192478(S)	0192478(S)	0192478(S)	0192478(S)
4	Gas control NAT-gas		0300903(S)	0300903(S)	0300903(S)	0300808(S)
	Gas control LP-gas		0301099(S)	0301099(S)	0301099(S)	0301099(S)
	Gas control (NAT-gas + LP-gas) (BE + FR only)		0301099(S)	0301099(S)	0301099(S)	0301100(S)
5	Differential air pressure switch	before 16-11-'08	0305003(S)	0305004(S)	0305005(S)	0305006(S)
		after 17-11-'08	0309235(S)	0305004(S)	0305005(S)	0305006(S)
6	Left plastic top cover		0304881(S)	0304881(S)	0304881(S)	0304881(S)
7	Right plastic top cover		0304882(S)	0304882(S)	0304882(S)	0304882(S)
8	Air supply hose		0304035(S)	0304035(S)	0304035(S)	0304035(S)
9	Clamping strip		0305027(S)	0304199(S)	0304199(S)	0304199(S)
10	Anode		4X 0183463039(S)	4X 0183463050(S)	4X 0183463050(S)	4X 0183463050(S)
	Flexible anode		0304728(S)	0304728(S)	0304728(S)	0304728(S)
11	Appliance control service kit		0308882(S)	0308882(S)	0308882(S)	0308882(S)
12	Transition piece		0304987(S)	0304012(S)	0304012(S)	0304012(S)
	Transition piece damper		0304987(S)	0304683(S)	0304683(S)	0304683(S)
13	Temperature sensor T2 (top tank)		0304469(S)	0304469(S)	0304469(S)	0304469(S)
14	Gasket burner/tank		0192331(S)	0192331(S)	0192331(S)	0192331(S)
15	Hot water outlet nipple		0304017(S)	0304017(S)	0304017(S)	0304017(S)
16	Temperature sensor T1 (bottom tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)
17	Cover plate cleaning opening		0039137002/24(S)	0039137002/24(S)	0039137002/24(S)	0039137002/24(S)
18	Cleaning opening set		0305082(S)	0305082(S)	0305082(S)	0305082(S)
19	Cold water supply nipple		0070615(S)	0070615(S)	0070615(S)	0070615(S)
20	Drain valve		0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)
21	Bend		0304986(S)	0304029(S)	0304029(S)	0304029(S)
22	Adapting socket		0304984(S)	0192636(S)	0192636(S)	0192636(S)
23	Siphon		0304988(S)	0306181(S)	0306181(S)	0306181(S)
24	Fan kit		0304104(S)	0304104(S)	0304104(S)	0304104(S)
25	Flue gas sensor		0304301(S)	0304301(S)	0304301(S)	0304301(S)
26	Solar system control service kit		0308874(S)	0308874(S)	0308874(S)	0308874(S)
27	Temperature sensor S1 (in solar collector)		0308904(S)	0308904(S)	0308904(S)	0308904(S)
28	Temperature sensor S2 (bottom storage tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)
29	Temperature sensor S3 (top storage tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)

SGS accessories

description	date	28	30	50	60
Conversion kit to LP-gas		0308947(S)	0308949(S)	0308951(S)	0308953(S)
Conversion kit to NAT-gas		0308946(S)	0308948(S)	0308950(S)	0308952(S)
Gas Cock 3/4"		0300719(S)	0300719(S)	0300719(S)	0300719(S)
Protected cold supply setup G1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
Expansion valve 1/2" 8 bar		0305712(S)	0305712(S)	0305712(S)	0305712(S)
T&P valve		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Extension nipple T&P		0306713(S)	0306713(S)	0306713(S)	0306713(S)
Y-piece with damper		0304987(S)	0304683(S)	0304683(S)	0304683(S)
Flow- and temperature sensor S4		0309285(S)	0309285(S)	0309285(S)	0309285(S)
Reducing Nipple Rp1 1/2"x 22 mm press		0309411(S)	0309411(S)	0309411(S)	0309411(S)
Reducing Nipple Rp1 1/2"x 28 mm press		0309412(S)	0309412(S)	0309412(S)	0309412(S)
Reducing Nipple Rp1 1/2"x 35 mm press		0309413(S)	0309413(S)	0309413(S)	0309413(S)
Dummy (sensor solarkit)		0309152(S)	0309152(S)	0309152(S)	0309152(S)
Isolating transformer		0306054(S)	0306054(S)	0306054(S)	0306054(S)
Dscale application set		0307564(S)	0307564(S)	0307564(S)	0307564(S)
Dscale bottle set		0311398(S)	0311398(S)	0311398(S)	0311398(S)

Exploded view SGS 28-60 before 14-9-'09



EVD-0037

SGS 80-100 before 14-9-'09

SGS parts

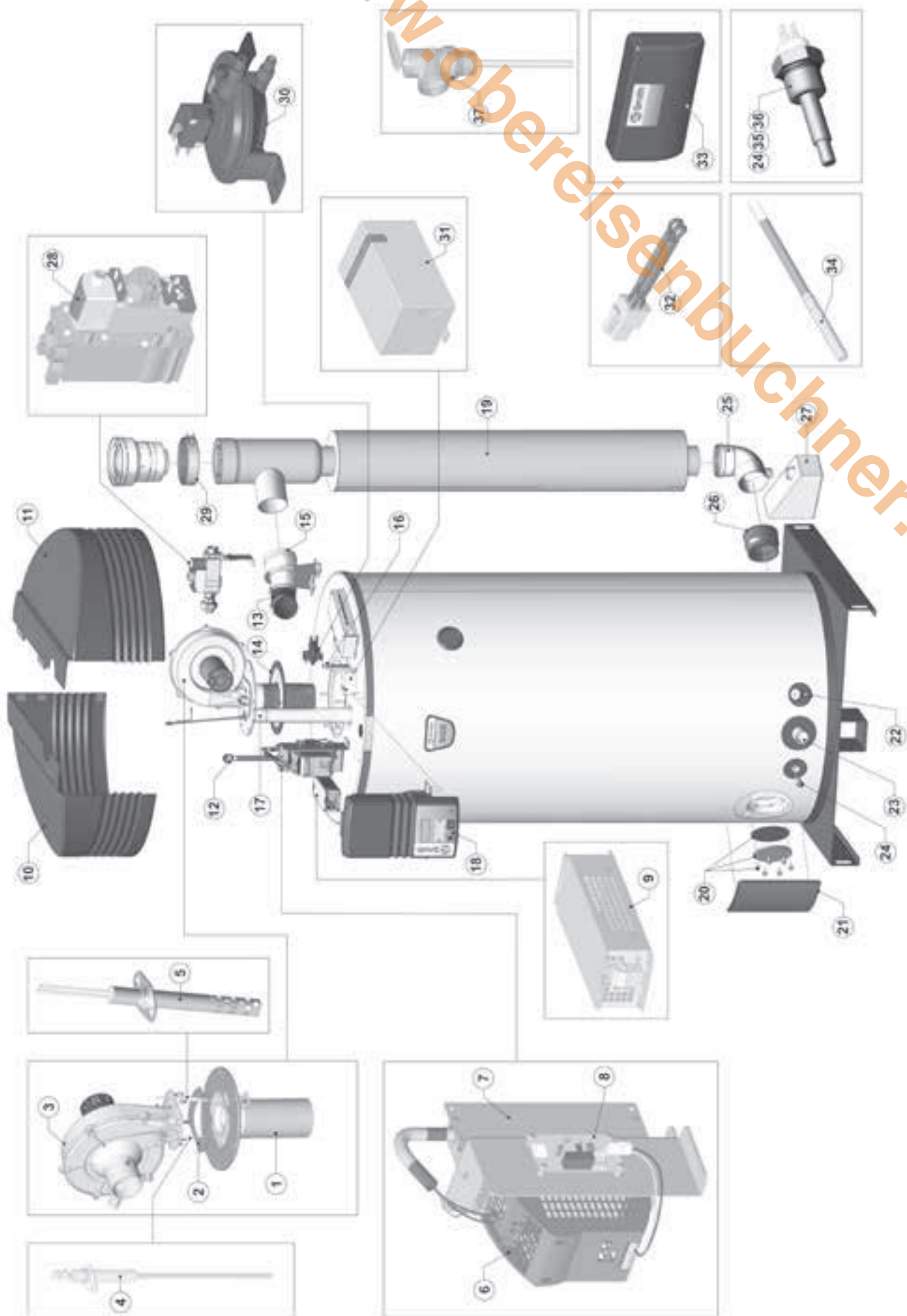


no	description	date	80	100
1	Burner		0197315(S)	0197315(S)
2	Gasket fan/burner		0308202(S)	0308202(S)
3	Fan		0197322(S)	0197322(S)
4	Flame probe		0194776002(S)	0194776002(S)
5	Glow igniter service kit	before 18-1-'09	0308204(S)	0308204(S)
		after 18-1-'09	0309065(S)	0309065(S)
6	Frequency controller		0305805(S)	0305805(S)
7	EMC-Filter		0305806(S)	0305806(S)
8	PCB interface		0307490(S)	0307490(S)
9	Line commutation choke		0306690(S)	0306690(S)
10	Left plastic top cover		0305502(S)	0305502(S)
11	Right plastic top cover		0305503(S)	0305503(S)
12	Power anode		0302757(S)	0302757(S)
13	Air supply hose		0305504(S)	0305504(S)
14	Gasket burner/tank		0308266(S)	0308266(S)
15	Chimney pipe support		0308114(S)	0308114(S)
16	Temperature sensor T2 (top tank)		0304469(S)	0304469(S)
17	Hot water outlet nipple		0304017(S)	0304017(S)
18	Appliance control service kit		0308943(S)	0308943(S)
19	Chimney pipe with damper		0304683(S)	0304683(S)
20	Cleaning opening set		0305082(S)	0305082(S)
21	Cover plate cleaning opening		0039137002/24(S)	0039137002/24(S)
22	Drain valve		0026273004(S)	0026273004(S)
23	Cold water supply nipple		0070615(S)	0070615(S)
24	Temperature sensor T1 (bottom tank)		0308149(S)	0308149(S)
25	Bend		0304029(S)	0304029(S)
26	Adapting socket		0308196(S)	0308196(S)
27	Siphon		0306181(S)	0306181(S)
28	Gas control		0306189(S)	0306189(S)
29	Clamping strip		0304199(S)	0304199(S)
30	Air pressure switch		0308271(S)	0308272(S)
31	Potentiostat		0306160(S)	0306160(S)
32	Flue gas sensor		0304301(S)	0304301(S)
33	Solar system control service kit		0308874(S)	0308874(S)
34	Temperature sensor S1 (in solar collector)		0308904(S)	0308904(S)
35	Temperature sensor S2 (bottom storage tank)		0308149(S)	0308149(S)
36	Temperature sensor S3 (top storage tank)		0308149(S)	0308149(S)

SGS accessories

description	date	80	100
Conversion kit to LP-gas		0308955(S)	0308957(S)
Conversion kit to NAT-gas		0308954(S)	0308956(S)
Isolating transformer kit		0306054(S)	0306054(S)
Alternative error output		0306056(S)	0306056(S)
Gas Cock 3/4"		0300719(S)	0300719(S)
Protected cold supply setup G1"		0070066003(S)	0070066003(S)
Expansion valve 1/2" 8 bar		0305712(S)	0305712(S)
T&P valve		0099383005(S)	0099383005(S)
Reducing Nipple Rp1 1/2"x 22 mm press		0309411(S)	0309411(S)
Reducing Nipple Rp1 1/2"x 28 mm press		0309412(S)	0309412(S)
Reducing Nipple Rp1 1/2"x 35 mm press		0309413(S)	0309413(S)
Flow- and temperature sensor S4		0309285(S)	0309285(S)
Dummy (sensor solarkit)		0309152(S)	0309152(S)
Dscale application set		0307564(S)	0307564(S)
Dscale bottle set		0311398(S)	0311398(S)

Exploded view SGS 80-100 before 14-9-'09



SGS 28-120 after 14-9-'09

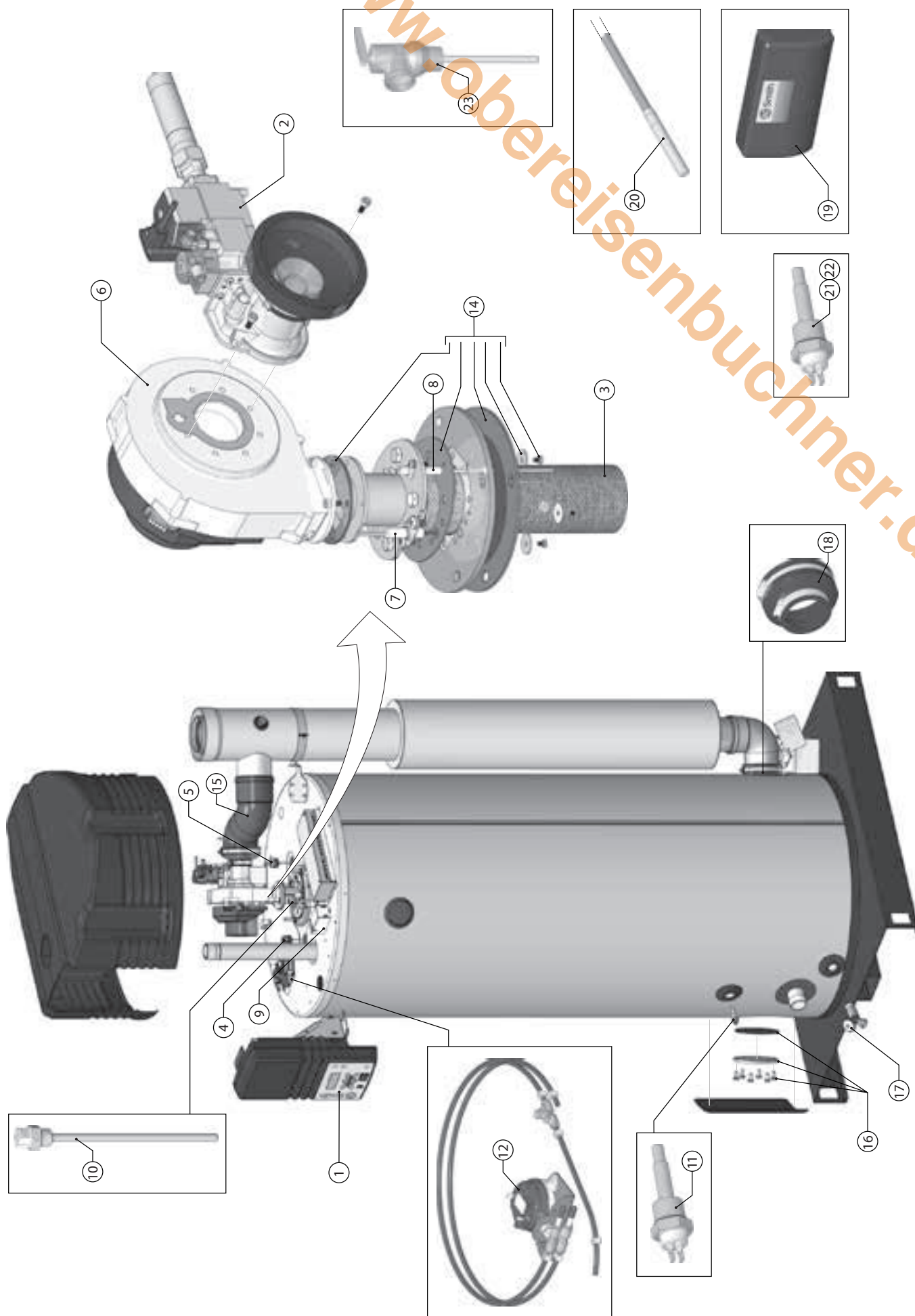
SGS parts

nr	Description	date	28	30	50	60	80	100	120
1	Control	before 28-7-'13	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)	0309362(S)
		after 29-7-'13	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)	0311159(S)
	Gas control (NAT-gas) G20	before 3-2-'13	0310186(S)	0310186(S)	0310186(S)	0310186(S)	-	-	-
		after 4-2-'13	0310155(S)	0310155(S)	0310155(S)	0310155(S)	-	-	-
			-	-	-	-	0309167(S)	0309167(S)	0309167(S)
2	Gas control (NAT-gas) G25	before 3-2-'13	0310187(S)	0310187(S)	0310187(S)	0310187(S)	-	-	-
		after 4-2-'13	0310156(S)	0310156(S)	0310156(S)	0310156(S)	-	-	-
			-	-	-	-	0309166(S)	0309166(S)	0309166(S)
	Gas control (LP-gas)	before 3-2-'13	0310188(S)	0310188(S)	0310188(S)	0310188(S)	-	-	-
		after 4-2-'13	0310157(S)	0310157(S)	0310157(S)	0310157(S)	-	-	-
			-	-	-	-	0309168(S)	0309168(S)	0309168(S)
3	Burner		0309297(S)	0309297(S)	0309297(S)	0309297(S)	0309125(S)	0309125(S)	0309125(S)
4	Power Anode		-	0197709(S)	0197709(S)	0197709(S)	0197709(S)	0197709(S)	0197709(S)
5	Power Anode		0197710002(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)	0197710(S)
6	Fan		0309159(S)	0309159(S)	0309159(S)	0309159(S)	0309119(S)	0309119(S)	0309119(S)
7	Glow-igniter		0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)	0309232(S)
8	Flame probe		0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)	0310075(S)
9	Potentiostat		0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)	0306160(S)
10	Temperature Sensor (top of tank)		0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)	0304469(S)
11	Temperature Sensor (bottom of tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)
12	Differential air pressure switch		0309169(S)	0309169(S)	0309169(S)	0309169(S)	0309331(S)	0309331(S)	0309331(S)
13	Harness		0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)	0309136(S)
14	Gaskets		0309608(S)	0309608(S)	0309608(S)	0309608(S)	0309609(S)	0309609(S)	0309609(S)
15	Air inlet		0309148(S)	0309148(S)	0309148(S)	0309148(S)	0309129(S)	0309129(S)	0309129(S)
16	Cleaning opening		0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)	0305082(S)
17	Drain valve	before 3-10-'10	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)	0026273004(S)
		after 4-10-'10	0308997(S)	0308997(S)	0308997(S)	0308997(S)	-	-	-
18	Plastic adapting socket		0192636(S)	0192636(S)	0192636(S)	0192636(S)	0308196(S)	0308196(S)	0308196(S)
19	Solar system control	before 28-7-'13	0308874(S)	0308874(S)	0308874(S)	0308874(S)	0308874(S)	0308874(S)	0308874(S)
		after 29-7-'13	0311055(S)	0311055(S)	0311055(S)	0311055(S)	0311055(S)	0311055(S)	0311055(S)
20	Temperature Sensor (collector)		0308904(S)	0308904(S)	0308904(S)	0308904(S)	0308904(S)	0308904(S)	0308904(S)
21	Temperature Sensor (heat exchanger storage tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)
22	Temperature Sensor (top of storage tank)		0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)	0308149(S)
23	T&P valve (in storage tank)		0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)	0076527004(S)
24	Reducing valve G30/G31	after 4-2-'13	0310180(S)	0310180(S)	0310180(S)	0310180(S)	-	-	-

SGS accessories

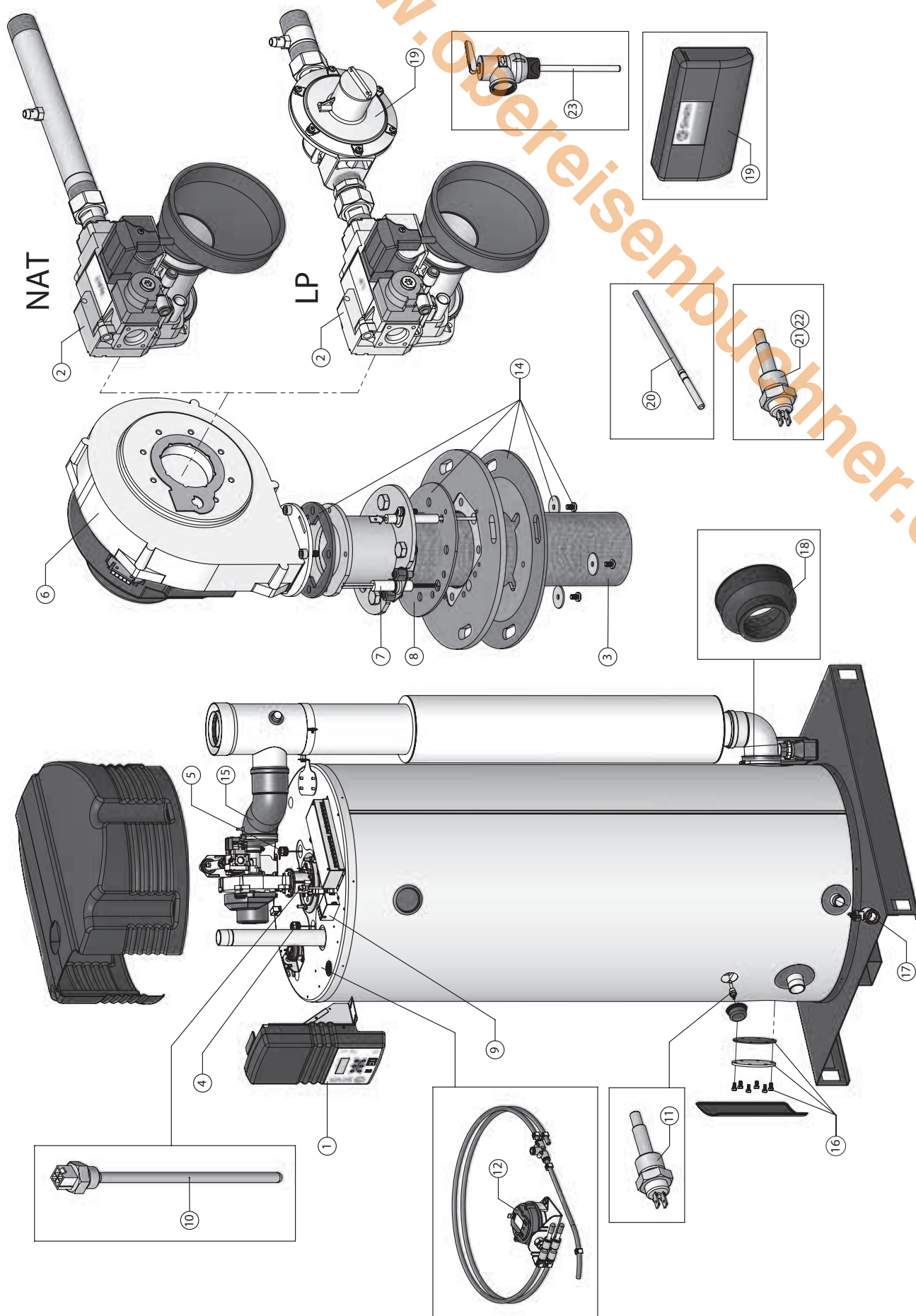
Description	date	28	30	50	60	80	100	120
Conversion set to LP-gas	before 3-2-'13	0309540(S)	0309540(S)	0309540(S)	0309540(S)	-	-	-
	after 4-2-'13	0310936(S)	0310936(S)	0310936(S)	0310936(S)	-	-	-
		-	-	-	-	0309542(S)	0309542(S)	0309542(S)
Conversion set to LP-gas (NL only)	before 31-12-'12	0309540(S)	0309540(S)	0309540(S)	0309540(S)	-	-	-
	after 1-1-'13	0310936(S)	0310936(S)	0310936(S)	0310936(S)	-	-	-
		-	-	-	-	0309542(S)	0309542(S)	0309542(S)
Conversion set to NAT-gas	before 3-2-'13	0309541(S)	0309541(S)	0309541(S)	0309541(S)	-	-	-
	after 4-2-'13	0310937(S)	0310937(S)	0310937(S)	0310936(S)	-	-	-
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Conversion set to NAT-gas (NL only)	before 31-12-'12	0309541(S)	0309541(S)	0309541(S)	0309541(S)	-	-	-
	after 1-1-'13	0310937(S)	0310937(S)	0310937(S)	0310936(S)	-	-	-
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Conversion set to NAT-gas (FR only)	before 3-2-'13	0309541(S)	0309541(S)	0309541(S)	0309541(S)	0309543(S)	0309543(S)	0309543(S)
	after 4-2-'13	0310313(S)	0310313(S)	0310313(S)	0310313(S)	0309543(S)	0309543(S)	0309543(S)
		-	-	-	-	0309543(S)	0309543(S)	0309543(S)
Gas Cock		0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)	0300719(S)
Inlet security Group G 1"		0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)	0070066003(S)
Reducing Nipple (for T&P)		0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)	0306713(S)
Reducing Nipple Rp1½"x 22 mm press		0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)	0309411(S)
Reducing Nipple Rp1½"x 28 mm press		0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)	0309412(S)
Reducing Nipple Rp1½"x 35 mm press		0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)	0309413(S)
Combined flow & temperature sensor		0309285(S)	0309285(S)	0309285(S)	0309285(S)	0309285(S)	0309285(S)	0309285(S)
Dummy (Replacement collectors)		0309152(S)	0309152(S)	0309152(S)	0309152(S)	0309152(S)	0309152(S)	0309152(S)
Isolation transformer		0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)	0309887(S)
BMS interface		0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)	0310013(S)
Expansion valve ½" 8 bar		0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)	0305712(S)
Ext. Cable Collector Sensor (5 mtr)		0309197(S)	0309197(S)	0309197(S)	0309197(S)	0309197(S)	0309197(S)	0309197(S)
T&P Valve 1" 150 psi NO WRAS		0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)	0099383005(S)
Inlet security set DN40		0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)
Dscale bottle set		-	-	-	-	-	0311398(S)	0311398(S)
Dscale application set		-	-	-	-	-	0307564(S)	0307564(S)
Remote display		0309999(S)	0309999(S)	0309999(S)	0309999(S)	0309999(S)	0309999(S)	0309999(S)

Exploded view SGS 28-60 from 14-9-'09 until 3-2-'13



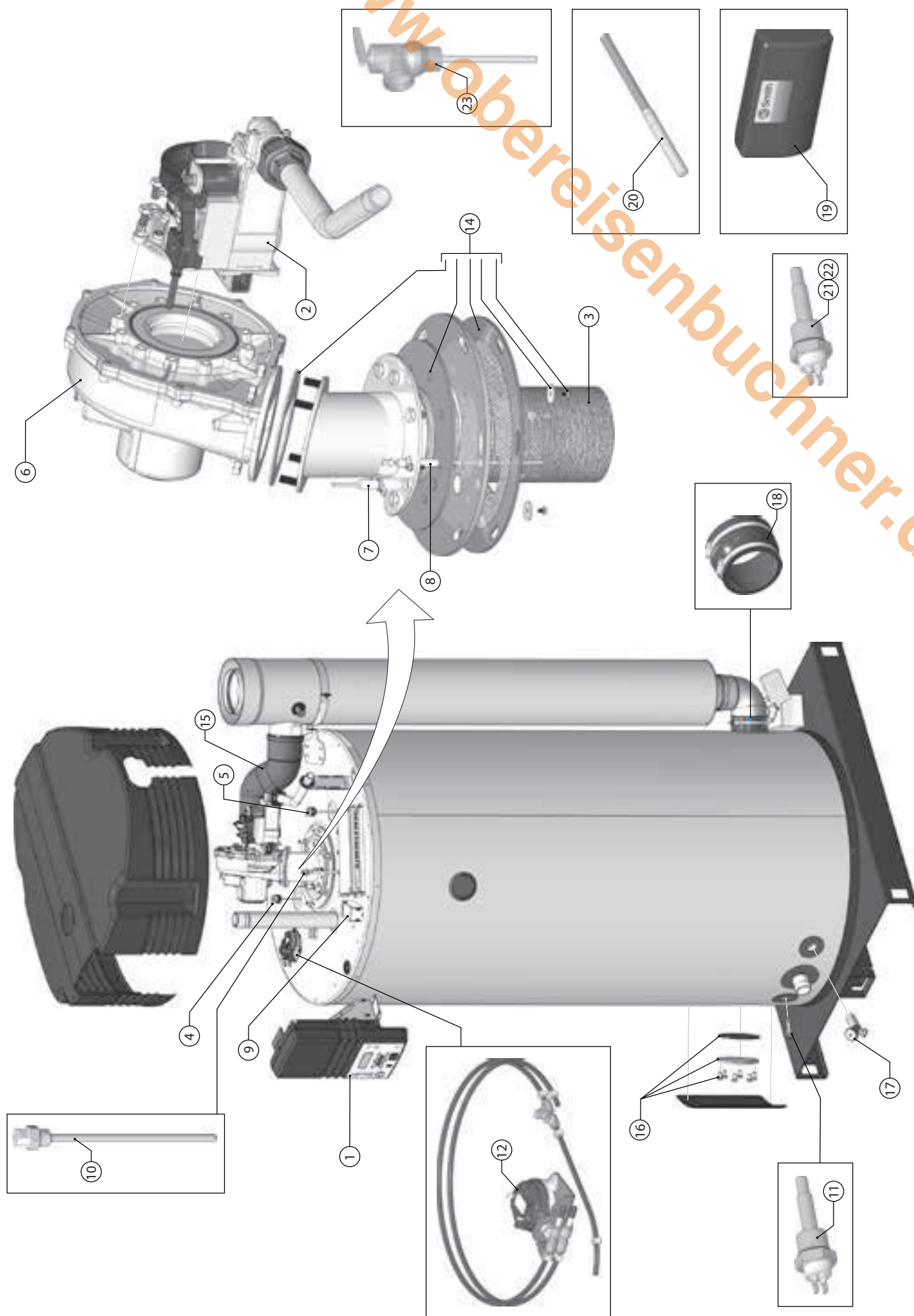
EVD-0054 R0

Exploded view SGS 28-60 after 4-2-'13



EVD-0054 R1

Exploded view SGS 80-120 after 14-9-'09



EVD-0055

SMITTY

SMITTY parts

description	MEFI 10R
Element	0071408(S)
Thermostat	0071400(S)
Anode	0071416(S)

ST

ST 300-1000 parts



description	300	400	500	600	750	1000
Magnesium anode	0303850(S)	0301521(S)	0301521(S)	0301634(S)	0301637	0301637
Flexible magnesium anode	-	0301727(S)	0301727(S)	0301727(S)	0301727(S)	0301727(S)
Gasket cleaning opening	0303845(S)	0301535(S)	0301535(S)	0301536(S)	0301536(S)	0301536(S)
Immersion well (55 mm)	0303841(S)	-	-	-	-	-
Leveling screw	0303820(S)	-	-	-	-	-
Cover inspection opening	0304507(S)	0304507(S)	0304507(S)	0304509(S)	0304509(S)	0304509(S)
Cover	0304504(S)	0304504(S)	0304504(S)	0304505(S)	0304505(S)	0304506(S)
Complete insulation set	0303717(S)	0307810(S)	0307811(S)	0307812(S)	0307813(S)	0307814(S)
Flange clean out	0303844(S)	0301517(S)	0301517(S)	0301534(S)	0301534(S)	0301534(S)

ST 300-1000 accessories

description	300	400	500	600	750	1000
Reducing Nipple 2 x 2" BSP female	-	0309082(S)	0309082(S)	-	-	-
Reducing Nipple 2 1/2 x 2 1/2" BSP female	-	-	-	0309031(S)	0309031(S)	0309031(S)
Adapter ring R 2" male x R 1" female	-	0309083(S)	0309083(S)	-	-	-
Adapter ring R 2" male x R 1 1/2" female	-	0309084(S)	0309084(S)	-	-	-
Adapter ring R 2 1/2" male x 1" BSP female	-	-	-	0309032(S)	0309032(S)	0309032(S)
Adapter ring R 2 1/2" male x 1 1/4" BSP female	-	-	-	0309033(S)	0309033(S)	0309033(S)
Adapter ring R 2 1/2" male x 1 1/2" BSP female	-	-	-	0309085(S)	0309085(S)	0309085(S)
Thermometer set	0304593(S)	0304593(S)	0304593(S)	0304594(S)	0304594(S)	0304594(S)
Power anode	0071672(S)	0071672(S)	0071672(S)	0071672(S)	0071672(S)	0071672(S)
Nipple set 2" BSP F to R 1" M	-	0309754(S)	0309754(S)	-	-	-
Nipple set 2" BSP F to R 1 1/2" M	-	0309755(S)	0309755(S)	-	-	-
Nipple set 2 1/2" BSP F to R 1" M	-	-	-	0309756(S)	0309756(S)	0309756(S)
Nipple set 2 1/2" BSP F to R 1 1/4" M	-	-	-	0309757(S)	0309757(S)	0309757(S)
Nipple set 2 1/2" BSP F to R 1 1/2" M	-	-	-	0309758(S)	0309758(S)	0309758(S)
Flange reducing kit 225-150	-	-	-	0304405(S)	0304405(S)	0304405(S)
Flange assy 182 x 1 1/2"	0304752(S)	0304752(S)	0304752(S)	0304752(S)	0304752(S)	0304752(S)
Immersion well	0303841(S)	-	-	-	-	-
Power Anode set 3 x 380V	0071672(S)	0071672(S)	0071672(S)	0071672(S)	0071672(S)	0071672(S)
Inlet Security Group DN40	-	0309927(S)	0309927(S)	0309927(S)	0309927(S)	0309927(S)

ST 1500-3000 parts

description	1500	2000	2500	3000
Jacket (hard)	0308962(S)	0308963(S)	0308964(S)	0308965(S)
Jacket (flexible)	0308966(S)	0308967(S)	0308968(S)	0308969(S)
Gasket cleaning opening	0307127(S)	0307127(S)	0307127(S)	0307127(S)
Hot water connection 2"	0307132(S)	0307132(S)	0307132(S)	0307132(S)
Magnesium anode L=1025mm	0311083(S)	0311083(S)	0311084(S)	0311084(S)

ST 1500-3000 accessories

description	1500	2000	2500	3000
Reducing Nipple 2 x 2" BSP female	0309082(S)	0309082(S)	0309082(S)	0309082(S)
Adapter ring R 2" male x R 1" female	0309083(S)	0309083(S)	0309083(S)	0309083(S)
Adapter ring R 2" male x R 1 1/2" female	0309084(S)	0309084(S)	0309084(S)	0309084(S)
Nipple set 2" BSP F to R 1" M	0309754(S)	0309754(S)	0309754(S)	0309754(S)
Nipple set 2" BSP F to R 1 1/2" M	0309755(S)	0309755(S)	0309755(S)	0309755(S)
Inlet security group	0311391(S)	0311391(S)	0311392(S)	0311392(S)
Thermometer kit	0308176(S)	0308176(S)	0308176(S)	0308176(S)
Element connection kit 9 kW	0308177(S)	0308177(S)	0308177(S)	0308177(S)

Remark:

The drawings of the ST water heaters can be found on our website www.aosmithinternational.com

Theta dual service

Spare parts TM modules for BFC Cyclone

No.	Description	TM 20 06	TM 20 10	TM 20 20	TM 30 06	TM 30 10	TM 30 20	TM 40 06	TM 40 10	TM 40 20
1	Plate heat exchanger	0311104(S)	-	-	-	0311104(S)	-	-	0311104(S)	-
		-	0311001(S)	0311001(S)	-	-	0311001(S)	-	-	0311001(S)
		-	-	-	0311105(S)	-	-	0311105(S)	-	-
2	Pump (dual service system)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)
3	Sensor + clip (dual service system)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)
4	Sensor clip	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)
5	Sensor cable	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)
6	Housing of 3-way mixing valve	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)
7	Motor of 3-way mixing valve	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)
8	Complete 3-way mixing valve	0311035(S)	0311035(S)	0311035(S)	0311035(S)	0311007(S)	0311035(S)	0311035(S)	0311035(S)	0311035(S)
9	Control - Heat master	0311054(S)	0311054(S)	0311054(S)	0311054(S)	0311054(S)	0311054(S)	0311054(S)	0311054(S)	0311054(S)
10	Communication cable (control/appliance)	0308901(S)	0308901(S)	0308901(S)	0308901(S)	0308901(S)	0308901(S)	0308901(S)	0308901(S)	0308901(S)

Accessories TM modules for BFC Cyclone

Description	TM 20 06	TM 20 10	TM 20 20	TM 30 06	TM 30 10	TM 30 20	TM 40 06	TM 40 10	TM 40 20
Insulation plate heat exchanger	0311106(S)	-	-	-	0311106(S)	-	-	0311106(S)	-
	-	0311011(S)	0311011(S)	-	-	0311011(S)	-	-	0311011(S)
	-	-	-	0311107(S)	-	-	0311107(S)	-	-

Theta dual service

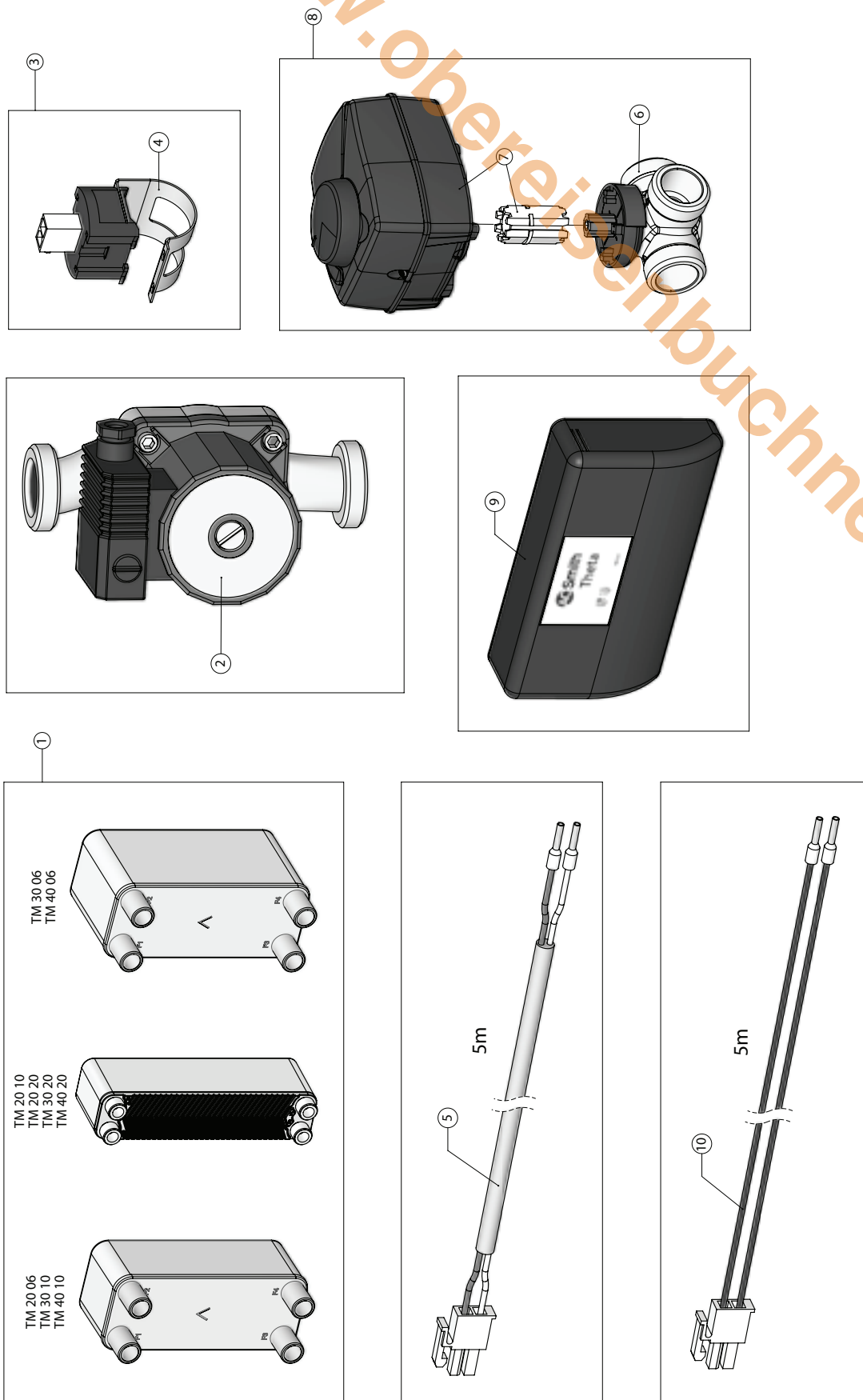
Spare parts T modules for SGE & SGS

No.	Description	T 20 06	T 20 10	T 20 20	T 30 06	T 30 10	T 30 20	T 40 06	T 40 10	T 40 20
1	Plate heat exchanger	0311104(S)	-	-	-	0311104(S)	-	-	0311104(S)	-
		-	0311001(S)	0311001(S)	-	-	0311001(S)	-	-	0311001(S)
		-	-	-	0311105(S)	-	-	0311105(S)	-	-
2	Pump (dual service system)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)	0311002(S)
3	Sensor + clip (dual service system)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)	0311003(S)
4	Sensor clip	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)	0311004(S)
5	Sensor cable	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)	0311005(S)
6	Housing of 3-way mixing valve	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)	0311006(S)
7	Motor of 3-way mixing valve	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)	0311007(S)
8	Complete 3-way mixing valve	0311035(S)	0311035(S)	0311035(S)	0311035(S)	0311007(S)	0311035(S)	0311035(S)	0311035(S)	0311035(S)

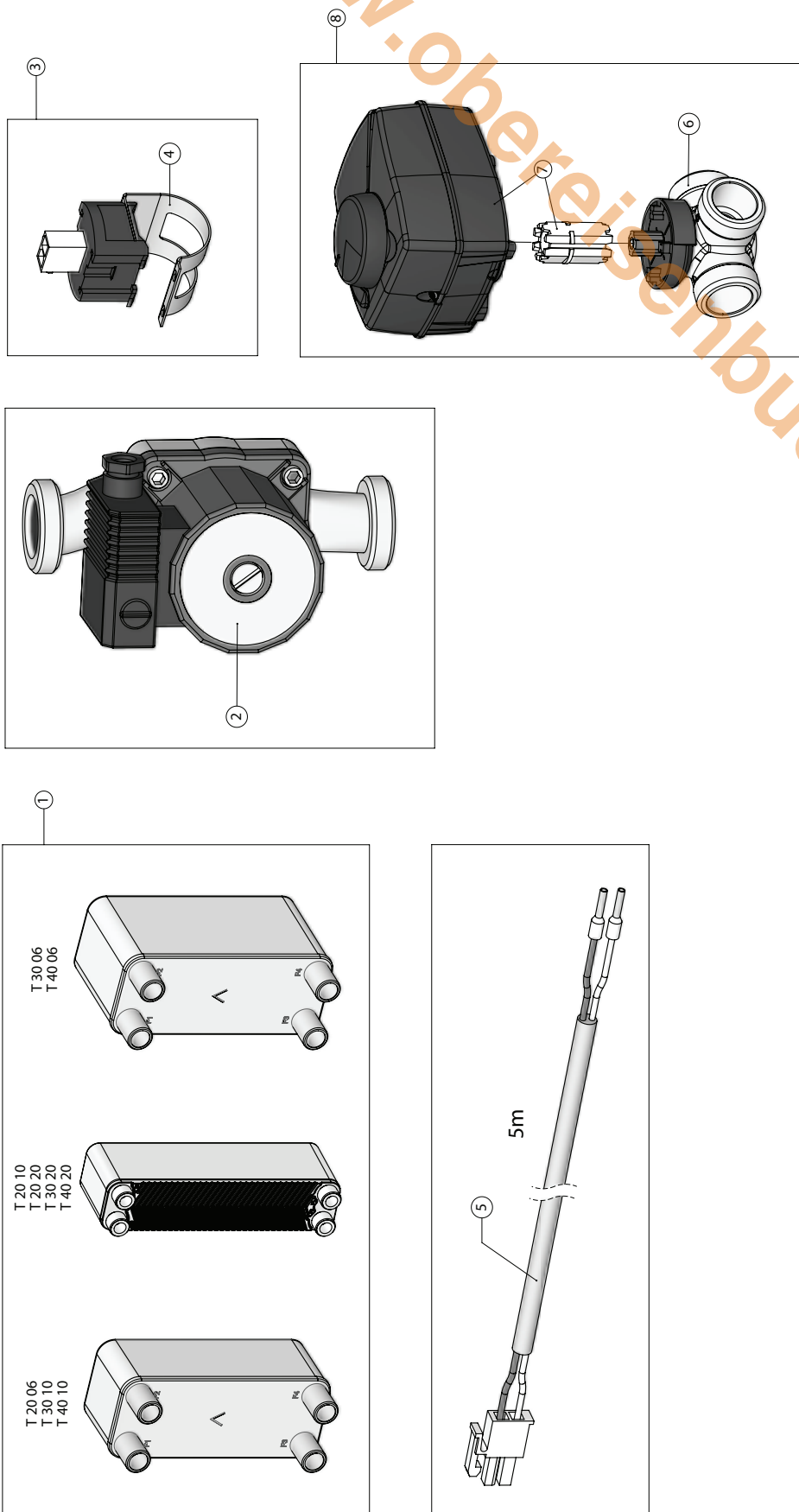
Accessories T modules for SGE & SGS

Description	T 20 06	T 20 10	T 20 20	T 30 06	T 30 10	T 30 20	T 40 06	T 40 10	T 40 20
Insulation plate heat exchanger	0311106(S)	-	-	-	0311106(S)	-	-	0311106(S)	-
	-	0311011(S)	0311011(S)	-	-	0311011(S)	-	-	0311011(S)
	-	-	-	0311107(S)	-	-	0311107(S)	-	-

Exploded view Theta spare parts for BFC Cyclone



Exploded view Theta spare parts for SGE & SGS



TUNE

TUNE parts

description	100	150	200	250
Burner	0071130(S)	0071130(S)	0071130(S)	0070376(S)
Thermocouple	0039719001(S)	0039719001(S)	0039719001(S)	0039719001(S)
Electrode jade	0043536(S)	0043536(S)	0043536(S)	0043536(S)
Drain valve	0026273007(S)	0026273007(S)	0026273007(S)	0026273007(S)
Gas control (NAT-gas)	0300735(S)	-	0300735(S)	-
Gas control (LP-gas)	-	0300526(S)	-	0300526(S)
Piezo ignition	0307596(S)	0307596(S)	0307596(S)	0307596(S)
Magnesium anode	0304427(S)	0304428(S)	0304428(S)	0304429(S)
Cold water inlet	0071118003(S)	0071118003(S)	0071118003(S)	0071118003(S)
Sealing ring inlet	0183706(S)	0183706(S)	0183706(S)	0183706(S)
Horizontal baffle	0010020 901(S)	0010020 901(S)	0010020 901(S)	0010020 902(S)
Baffle support	0071109(S)	0071109(S)	0071109001(S)	0071109(S)
Pilot burner (NAT-gas)	0043415(S)	0043415(S)	0043415(S)	0043415(S)
Pilot burner (LP-gas)	0043415002(S)	0043415002(S)	0043415002(S)	0043415002(S)

Remark:

The drawings of the TUNE water heaters are not available

TWI

TWI parts



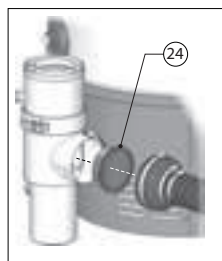
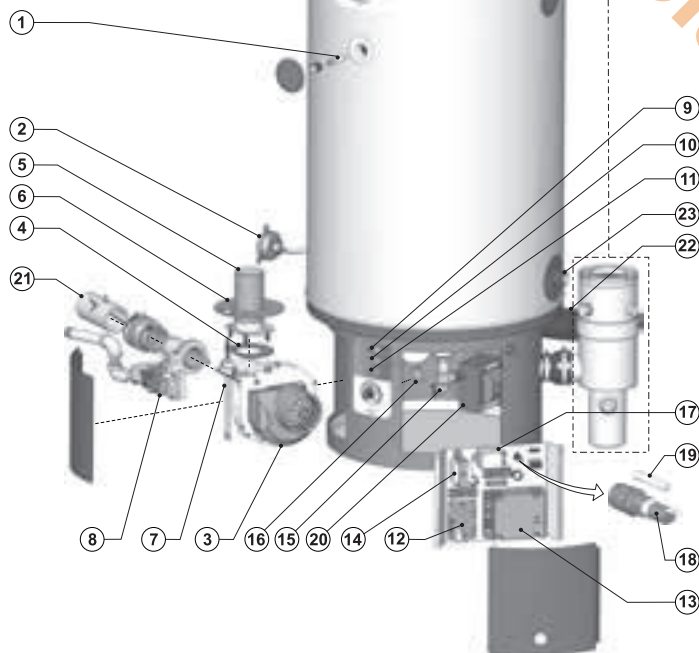
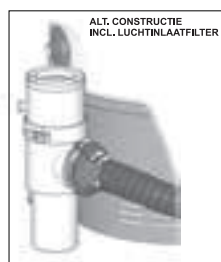
no	description	date	35-130	45-190
1	Thermostat sensor/ECO		6905055(S)	6905055(S)
2	Air pressure switch All Gas		0324302(S)	0324512(S)
2	Air proving switch G30/G31		-	0309343(S)
3	Fan MVL RG148		6903771(S)	-
3	Fan Ametek 150130-06		-	6903773(S)
4	Gasket fan		6903779(S)	6903779(S)
5	Burner		6903780(S)	6903780(S)
6	6 inch burner gasket		6903781(S)	6903781(S)
7	Igniter 201QM		6903768(S)	6903768(S)
8	Gas control		6903775(S)	6903775(S)
9	Red LED		6907307(S)	6907307(S)
10	Yellow LED		6907306(S)	6907306(S)
11	Green LED		6907305(S)	6907305(S)
12	Thermostat board		6903777(S)	6903777(S)
13	Burner control (1018-528)		-	3210536(S)
13	Burner control (1018-526)		3210457(S)	-
14	Transformer 120V-24V		6907302(S)	6907302(S)
15	Drain valve		6907316(S)	6907316(S)
16	Potentiometer		6905050(S)	6905050(S)
17	Fan insulation relais		4210293(S)	4210293(S)
18	Fuse holder		4210243(S)	4210243(S)
19	Fuse slow blow 2.5A		4210244(S)	4210244(S)
20	Transformer 230V-120V		4210300(S)	4210300(S)
21	Air supply hose		6903783(S)	6903783(S)
22	Air inlet hose		0308233(S)	0308233(S)
23	Cold water supply		6903778(S)	6903778(S)
24	Air filter	after 6-3-'09	3710169(S)	3710169(S)

TWI accessories

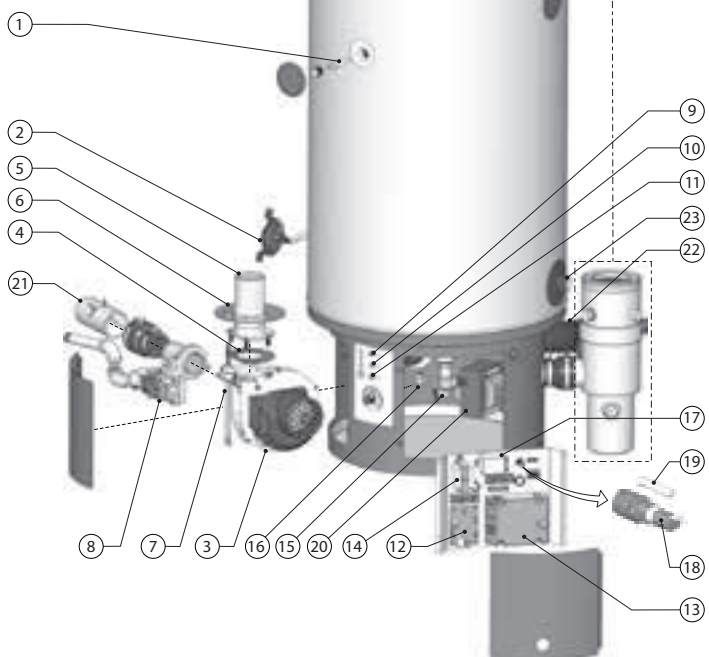
description	date	35-130	45-190
Gas cock ¾"		0300719(S)	0300719(S)
Protected cold supply setup G1"		0070066003(S)	0070066003(S)
Expansion valve 1/2" 8 bar		0305712(S)	0305712(S)
T&P valve		0306755(S)	0306755(S)
Flow restrictor build in ¾" - 12 l/min		0309730(S)	0309730(S)
Flow restrictor build in ¾" - 10 l/min		0309731(S)	0309731(S)
Flow restrictor build in ¾" - 8 l/min		0309732(S)	0309732(S)
Flow restrictor build in ¾" - 6 l/min		0309733(S)	0309733(S)
Dscale application set		0307564(S)	0307564(S)
Dscale bottle set		0311398(S)	0311398(S)

Exploded view TWI

EVD-0043



EVD-0049



UB parts

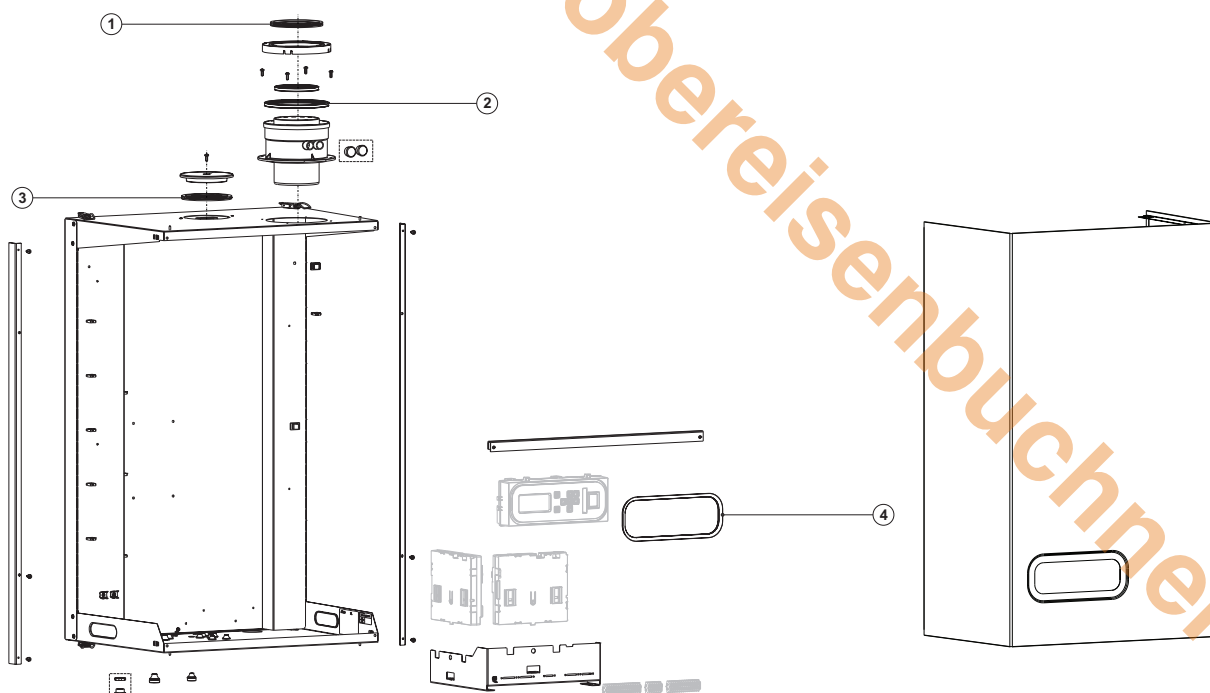
No.	Description		UB 70 (1× HEX 4)			UB 110 (1× HEX 2 en 1× HEX 4)			UB 140 (2× HEX 4)		
			From	Till	Art. no.	From	Till	Art. no.	From	Till	Art. no.
Casing											
1	Gasket (Cover Air Inlet)				0310828(S)			0310828(S)			0310828(S)
2	Gasket (Air Intake Pipe)				0310530(S)			0310530(S)			0310530(S)
3	Gasket (Cover Air Inlet)				0310829(S)			0310829(S)			0310829(S)
4	Gasket (Display-Jacket)				0310830(S)			0310830(S)			0310830(S)
Heat Exchanger											
5	Non Return Valve				0310995(S)			0310995(S)			0310995(S)
6	Gasket (Venturi-Fan)				0310454(S)			0310454(S)			0310454(S)
7	Venturi	HEX 2			-			0310429(S)			-
		HEX 4			0310430(S)			0310430(S)			0310430(S)
8	Gasket (Silencer-Venturi)				0310403(S)			0310403(S)			0310403(S)
9	Silencer	HEX 2			-			0310453(S)			-
		HEX 4			0310451(S)			0310451(S)			0310451(S)
10	Gasket (Venturi-Gas Control Valve)				0310458(S)			0310458(S)			0310458(S)
11	Cover Heat Exchanger	HEX 2			-			0310537(S)			-
		HEX 4			0310533(S)			0310533(S)			0310533(S)
12	Gasket (Heat Exchanger-Cover Heat Ex.)	HEX 2			-			0310499(S)			-
		HEX 4			0310500(S)			0310500(S)			0310500(S)
13	Gasket (Burner-Cover Heat Exchanger)	HEX 2			-			0310497(S)			-
		HEX 4			0310498(S)			0310498(S)			0310498(S)
14	Burner	HEX 2 ALL			-			0310494(S)			-
		HEX 4 NAT			0310534(S)			0310534(S)			0310534(S)
		HEX 4 LP			0310495(S)			0310495(S)			0310495(S)
15	Insulation Heat Exchanger				0310505(S)			0310505(S)			0310505(S)
16	Clamp Cover Heat Exchanger				0310409(S)			0310409(S)			0310409(S)
17	Gasket (Ionisation/Ignition-Heat Ex.)				0310489(S)			0310489(S)			0310489(S)
18	Heat Exchanger	HEX 2			-			0310813(S)			-
		HEX 4			0310814(S)			0310814(S)			0310814(S)
19	Clamp Condensate Tray				0310408(S)			0310408(S)			0310408(S)
20	Gasket (Condensate Tray-Heat Exchanger)	HEX 2			-			0310496(S)			-
		HEX 4			0310502(S)			0310502(S)			0310502(S)
21	Condensate Tray	HEX 2			-			0310520(S)			-
		HEX 4			0310521(S)			0310521(S)			0310521(S)
22	Automatic Air Vent				0310815(S)			0310815(S)			0310815(S)
23	Gasket (Air Vent-Heat Exchanger)				0310816(S)			0310816(S)			0310816(S)
24	Gasket (Flue Gas Discharge Pipe)				0310525(S)			0310525(S)			0310525(S)
25	Gasket (Flue Gas Discharge Pipe)				0310529(S)			0310529(S)			0310529(S)
26	Gasket (Flue Gas Discharge Pipe-Condens.)				0310528(S)			0310528(S)			0310528(S)
27	Spring Ignition Electrode				0310491(S)			0310491(S)			0310491(S)
28	Water Pressure Sensor				0310485(S)			0310485(S)			0310485(S)
Tubing											
29	O-ring (Gas Pipe-Gas Control Valve)				0310831(S)			0310831(S)			0310831(S)
30	Syphon (Internal)				0310524(S)			0310524(S)			0310524(S)
31	Syphon (External)				0310535(S)			0310535(S)			0310535(S)
32	O-ring (Flow/Return-Heat Exhanger)				0310410(S)			0310410(S)			0310410(S)
33	O-ring (Flow/Return Connection to Heat Ex.)				0310824(S)			0310824(S)			0310824(S)
34	Gasket Pump				0310838(S)			0310838(S)			0310838(S)
Control and Electrical Parts											
35	Communication Cable Display-Control				0310376(S)			0310376(S)			0310376(S)
36	Display				0310532(S)			0310532(S)			0310532(S)
37	Fuse				0310870(S)			0310870(S)			0310870(S)
38	ON/OFF-switch				0310522(S)			0310522(S)			0310522(S)
39	Cable Assy				0310536(S)			0310536(S)			0310536(S)
40	Control				0310531(S)			0310531(S)			0310531(S)
41	Fan	HEX 2			-			0310871(S)			-
		HEX 4			0310517(S)			0310517(S)			0310517(S)
42	Ignition Electrode with Gasket				0310490(S)			0310490(S)			0310490(S)
43	Flow Sensor				0310813(S)			0310813(S)			0310813(S)
44	Gas Control Valve				0310515(S)			0310515(S)			0310515(S)
45	Ignition Trafo				0310523(S)			0310523(S)			0310523(S)
46	Water Pressure Sensor				0310485(S)			0310485(S)			0310485(S)
47	NTC Sensor				0310404(S)			0310404(S)			0310404(S)
48	Pump	HEX 2			-			0310807(S)			-
		HEX 4			0310808(S)			0310808(S)			0310808(S)
49	Ignition Cable Set				0310516(S)			0310516(S)			0310516(S)

UB

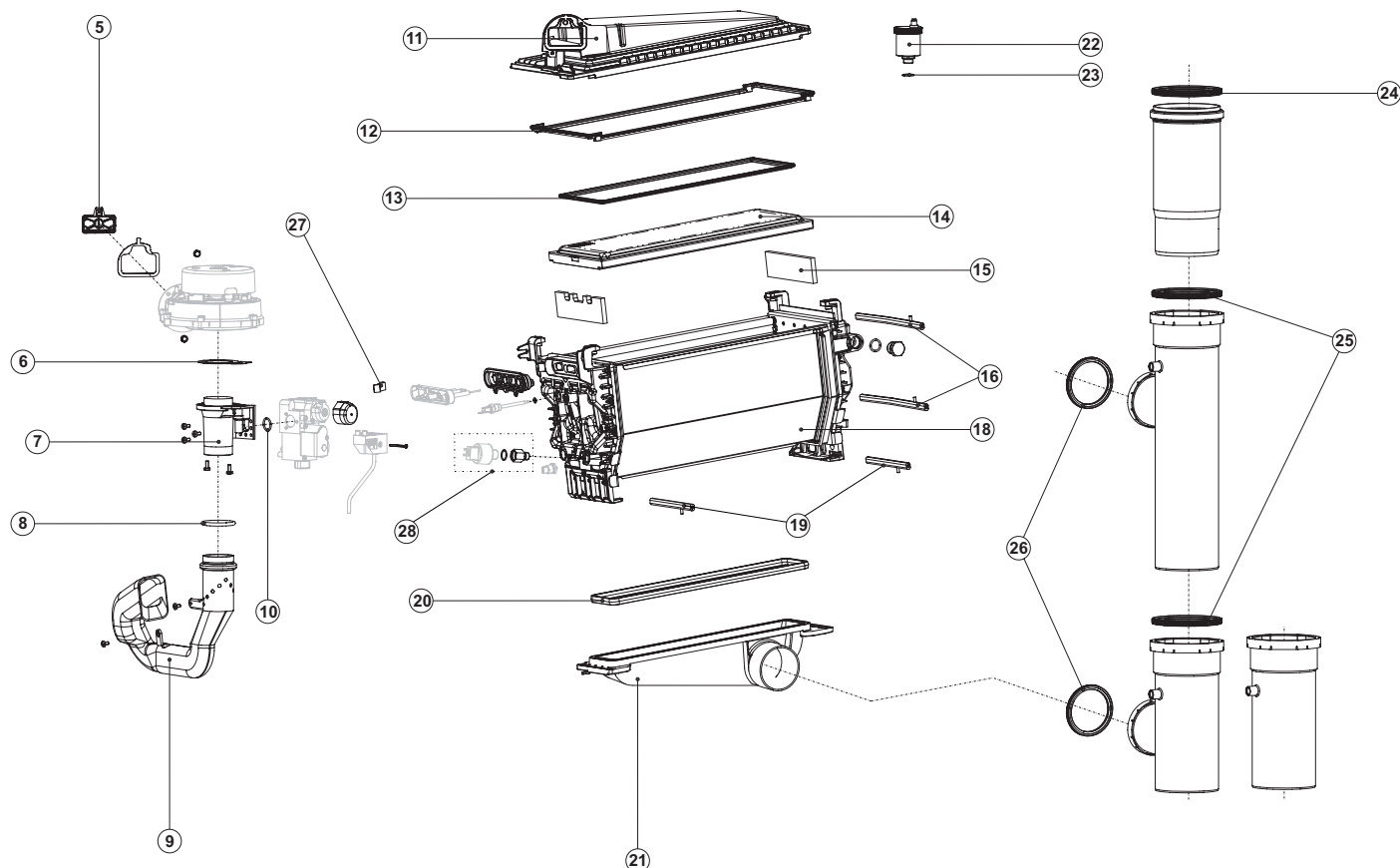
UB Conversion sets

Description	UB 70 (1× HEX 4)			UB 110 (1× HEX 2 en 1× HEX 4)			UB 140 (2× HEX 4)		
	From	Till	Art. no.	From	Till	Art. no.	From	Till	Art. no.
Conversion set to LP-gas from NAT-gas to LP-gas			0310342(S)			0310343(S)			0310344(S)
Conversion set to NAT-gas from LP-gas to NAT-gas			0310804(S)			0310805(S)			0310806(S)

Exploded view UB

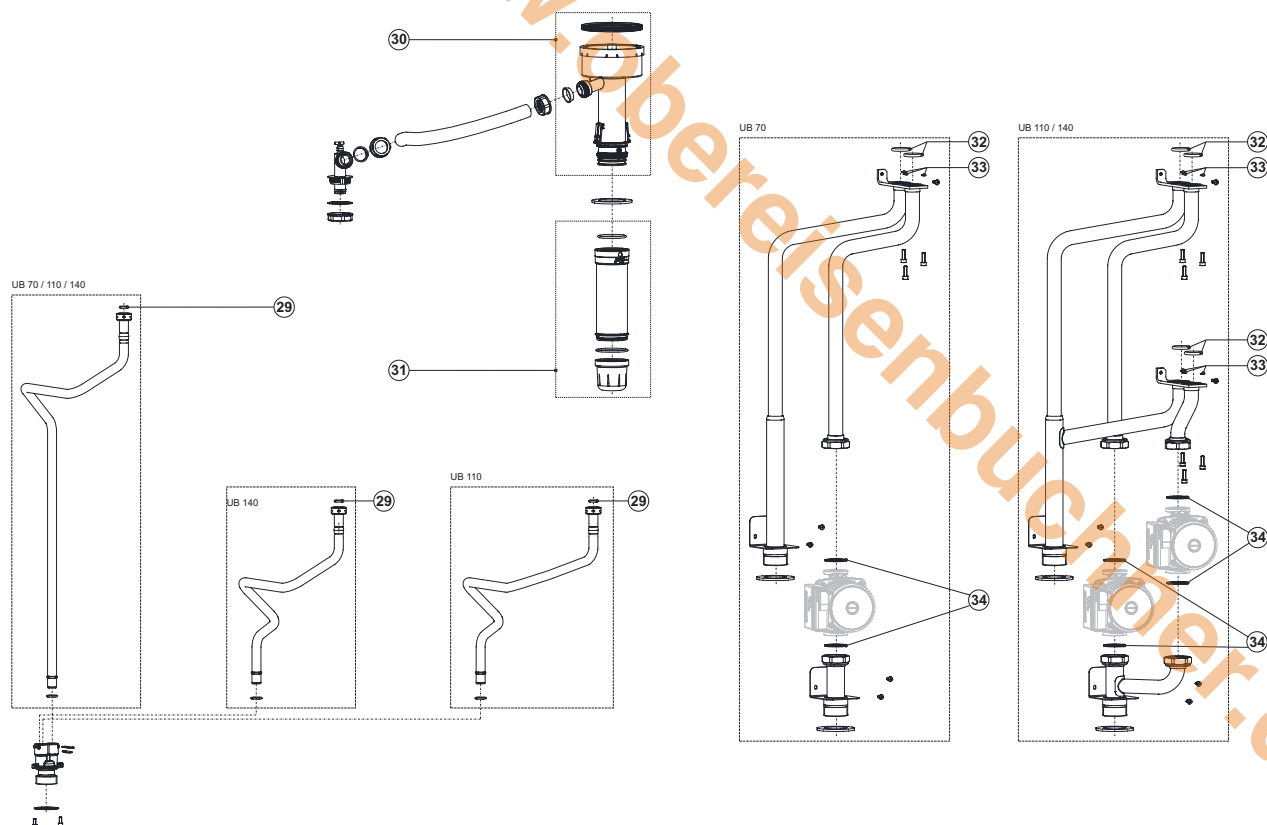


EVD-0088A

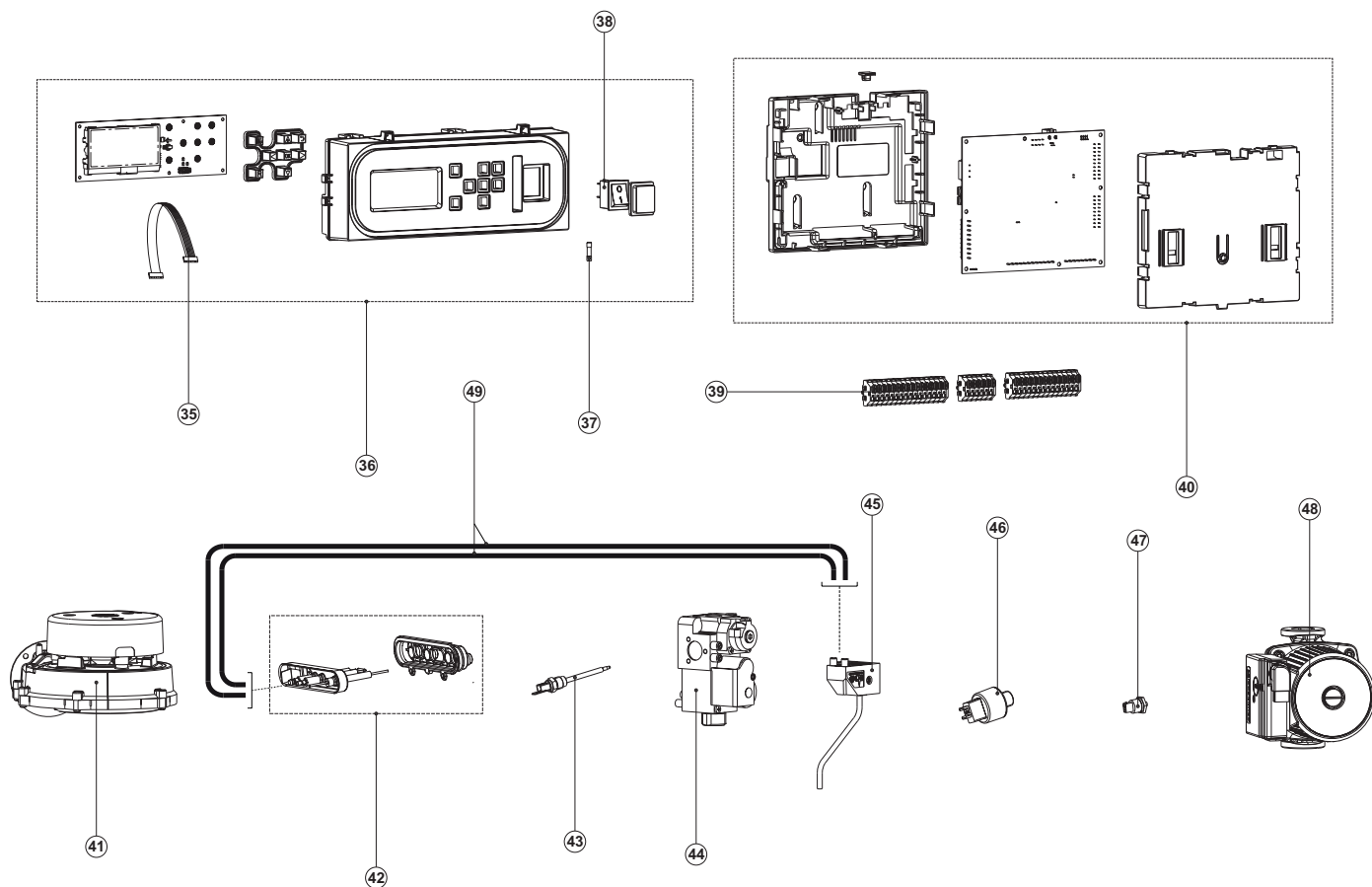


EVD-0088B

Exploded view UB



EVD-0088C



EVD-0088D

WF / WFF

WF / WFF parts



description	WFF 80	WFF 120	WF 80	WF 120
Automatic burner control	0304284(S)	0304284(S)	-	-
Gas control	0304272(S)	0304272(S)	0304299(S)	0304299(S)
Differential air pressure switch	0304266(S)	0304266(S)	-	-
Fan	0307089(S)	0307089(S)	-	-
Thermocouple diverter	-	-	0304300(S)	0304300(S)
Magnesium anode	0307268(S)	0307268(S)	0307268(S)	0307268(S)
Lid inspection opening	0304270(S)	0304270(S)	-	-
Gasket inspection opening	0304269(S)	0304269(S)	-	-
Safety thermostat 85°C	0304278(S)	0304278(S)	-	-
Control thermostat 35-80°C	0304277(S)	0304277(S)	-	-
Ionisation electrode	0304280(S)	0304280(S)	-	-
Electrode ignition	0304279(S)	0304279(S)	-	-
Burner	0304681(S)	0304681(S)	0304298(S)	0304298(S)
Ignition cable	0307074(S)	0307074(S)	-	-
Ionisation cable	0307075(S)	0307075(S)	-	-
Gasket chimney pipe	0307077(S)	0307077(S)	-	-

Remark:

The drawings of the WF and WFF water heaters are not available

Effectively de-scaling with Dscale

Why A.O. Smith Dscale?

Regular maintenance of water heaters is very important. In all our appliances, except for the BFC, NGT, SGE and SGS, the burner is situated at the bottom. Lime scale deposited at the bottom will be heated over and over again and becomes harder to remove over time.

Lime scale affects good conductivity of heat to the water. Periodical cleaning and de-scaling extends the lifetime of the appliance, improves the heating process and saves energy. Dscale helps to remove lime scale effectively, easily and safely.

How does the product work?

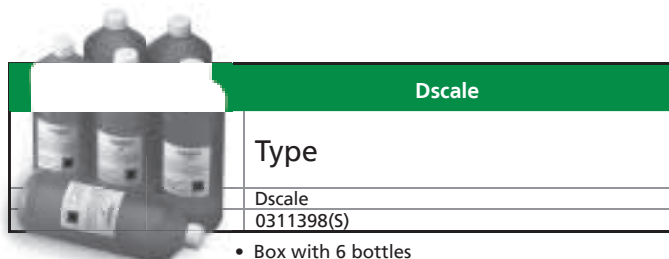
A.O. Smith Dscale is a powerful de-scaling solution which changes color during the process. It is a concentrated liquid that, depending on the amount of deposited lime scale, needs to be diluted with water. Dscale prevents the removed lime scale to re-attach to the interior; it then disappears from the water heater during the rinsing procedure.

What is the product made of?

A.O. Smith Dscale is a safe, concentrated de-scale liquid based on natural, biodegradable acids like lactic acid and citric acid. The product complies with most recent environmental directives and can be easily flushed away in the sewage system. Please read the instruction manual before use.

Maintenance recommendation for water heaters

Waterside maintenance of a water heater involves: de-scaling, replacement of anodes and replacement of gaskets. For optimal functioning of a water heater it is advisory to implement a maintenance plan 3 months after its installation. This maintenance plan takes the water quality, the application and the temperature settings of the water heater into consideration. In a BFC, NGT, SGE and SGS, (in which the burner is situated in the top of the appliance), the lime scale does not attach to the interior because the water heater is not heated in that particular area.



- Box with 6 bottles

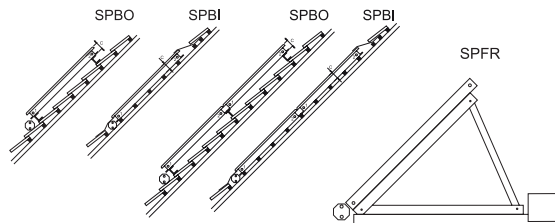
Capacity appliance (litre)	Amount of required liquids (litre)
80 - 155	6 (3 litre Dscale)
160 - 200	8 (4 litre Dscale)
200 - 300	12 (6 litre Dscale)
after 300	20 (10litre Dscale)

A.O. Smith Dscale is red, but its color changes into yellow/orange when it is brought in contact with lime scale. Dscale dissolves the lime scale in the water heater so it can be easily rinsed out.

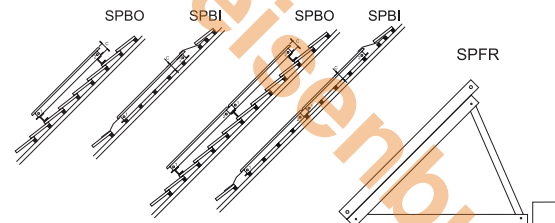
Collectors

The collectors are available in several types. These types are based on the manner of mounting of the collectors. After the type the number of collectors, the angle (if applicable) or the number of rows are mentioned. Drain back which is indicated by DB, Horizontal or Vertical indicated by H or V are additional options for the collectors. For mounting on a flat roof it is possible to order the set with or without concrete blocks. If the set is including concrete blocks a B should be added to the type name.

With drain back



Without drain back



INSTALLATION ON ROOF

Type	No.	Row	Drain back	Horizontal / vertical	Type	No.	Row	Drain back	Horizontal / vertical
SPBO	01	1	DB	H/V	SPBO	02	2	-	H/V
SPBO	02	1	DB	H/V	SPBO	04	2	-	H/V
SPBO	03	1	DB	H/V	SPBO	06	2	DB	H/V
SPBO	04	1	DB	H/V	SPBO	08	2	DB	H/V
SPBO	05	1	DB	H/V	SPBO	10	2	DB	H/V
SPBO	06	1	DB	H/V	SPBO	12	2	DB	H/V
SPBO	07	1	DB	H/V	SPBO	14	2	DB	H/V
SPBO	08	1	DB	H/V					
SPBO	09	1	DB	H/V					
SPBO	10	1	DB	H/V					
SPBO	11	1	DB	H/V					
SPBO	12	1	DB	H/V					
SPBO	13	1	DB	H/V					
SPBO	14	1	DB	H/V					
SPBO	15	1	DB	H/V					

INSTALLATION IN ROOF

Type	No.	Row	Drain back	Horizontal / vertical	Type	No.	Row	Drain back	Horizontal / vertical
SPBI	01	1	DB	H/V	SPBI	02	2	-	H/V
SPBI	02	1	DB	H/V	SPBI	04	2	-	H/V
SPBI	03	1	DB	H/V	SPBI	06	2	DB	H/V
SPBI	04	1	DB	H/V	SPBI	08	2	DB	H/V
SPBI	05	1	DB	H/V	SPBI	10	2	DB	H/V
SPBI	06	1	DB	H/V	SPBI	12	2	DB	H/V
SPBI	07	1	DB	H/V	SPBI	14	2	DB	H/V
SPBI	08	1	DB	H/V					
SPBI	09	1	DB	H/V					
SPBI	10	1	DB	H/V					
SPBI	11	1	DB	H/V					
SPBI	12	1	DB	H/V					
SPBI	13	1	DB	H/V					
SPBI	14	1	DB	H/V					
SPBI	15	1	DB	H/V					

Collectors

The collectors are available in several types. These types are based on the manner of mounting of the collectors. After the type the number of collectors, the angle (if applicable) or the number of rows are mentioned. Drain back which is indicated by DB, Horizontal or Vertical indicated by H or V are additional options for the collectors. For mounting on a flat roof it is possible to order the set with or without concrete blocks. If the set is including concrete blocks a B should be added to the type name.

INSTALLATION ON FLAT ROOF											
Type	No.	Angle	Drain back	Horizontal/ vertical	With/ without concrete blocks	Type	No.	Angle	Drain back	Horizontal/ vertical	With/ without concrete blocks
SPFR	01	F 20/30	DB	H/V	B	SPFR	01	F 45/60	DB	H/V	B
SPFR	02	F 20/30	DB	H/V	B	SPFR	02	F 45/60	DB	H/V	B
SPFR	03	F 20/30	DB	H/V	B	SPFR	03	F 45/60	DB	H/V	B
SPFR	04	F 20/30	DB	H/V	B	SPFR	04	F 45/60	DB	H/V	B
SPFR	05	F 20/30	DB	H/V	B	SPFR	05	F 45/60	DB	H/V	B
SPFR	06	F 20/30	DB	H/V	B	SPFR	06	F 45/60	DB	H/V	B
SPFR	07	F 20/30	DB	H/V	B	SPFR	07	F 45/60	DB	H/V	B
SPFR	08	F 20/30	DB	H/V	B	SPFR	08	F 45/60	DB	H/V	B
SPFR	09	F 20/30	DB	H/V	B	SPFR	09	F 45/60	DB	H/V	B
SPFR	10	F 20/30	DB	H/V	B	SPFR	10	F 45/60	DB	H/V	B
SPFR	11	F 20/30	DB	H/V	B	SPFR	11	F 45/60	DB	H/V	B
SPFR	12	F 20/30	DB	H/V	B	SPFR	12	F 45/60	DB	H/V	B
SPFR	13	F 20/30	DB	H/V	B	SPFR	13	F 45/60	DB	H/V	B
SPFR	14	F 20/30	DB	H/V	B	SPFR	14	F 45/60	DB	H/V	B
SPFR	15	F 20/30	DB	H/V	B	SPFR	15	F 45/60	DB	H/V	B
SPFR	15	F 20/30	DB	H/V	B	SPFR	15	F 45/60	DB	H/V	B

INSTALLATION ON WALL														
Type	No.	Angle	Drain back	Horizontal/ vertical	Type	No.	Angle	Drain back	Horizontal/ vertical	Type	No.	Angle	Drain back	Horizontal/ vertical
SPWL	01	F 45	DB	H/V	SPWL	01	F 60	DB	H/V	SPWL	01	F 70	DB	H/V
SPWL	02	F 45	DB	H/V	SPWL	02	F 60	DB	H/V	SPWL	02	F 70	DB	H/V
SPWL	03	F 45	DB	H/V	SPWL	03	F 60	DB	H/V	SPWL	03	F 70	DB	H/V
SPWL	04	F 45	DB	H/V	SPWL	04	F 60	DB	H/V	SPWL	04	F 70	DB	H/V
SPWL	05	F 45	DB	H/V	SPWL	05	F 60	DB	H/V	SPWL	05	F 70	DB	H/V
SPWL	06	F 45	DB	H/V	SPWL	06	F 60	DB	H/V	SPWL	06	F 70	DB	H/V
SPWL	07	F 45	DB	H/V	SPWL	07	F 60	DB	H/V	SPWL	07	F 70	DB	H/V
SPWL	08	F 45	DB	H/V	SPWL	08	F 60	DB	H/V	SPWL	08	F 70	DB	H/V
SPWL	09	F 45	DB	H/V	SPWL	09	F 60	DB	H/V	SPWL	09	F 70	DB	H/V
SPWL	10	F 45	DB	H/V	SPWL	10	F 60	DB	H/V	SPWL	10	F 70	DB	H/V
SPWL	11	F 45	DB	H/V	SPWL	11	F 60	DB	H/V	SPWL	11	F 70	DB	H/V
SPWL	12	F 45	DB	H/V	SPWL	12	F 60	DB	H/V	SPWL	12	F 70	DB	H/V
SPWL	13	F 45	DB	H/V	SPWL	13	F 60	DB	H/V	SPWL	13	F 70	DB	H/V
SPWL	14	F 45	DB	H/V	SPWL	14	F 60	DB	H/V	SPWL	14	F 70	DB	H/V
SPWL	15	F 45	DB	H/V	SPWL	15	F 60	DB	H/V	SPWL	15	F 70	DB	H/V

Collector parts

Spare parts SPBO horizontal sets

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK						
		SPBO 01 1 H	SPBO 02 1 H	SPBO 03 1 H	SPBO 04 1 H	SPBO 05 1 H	SPBO 06 1 H	SPBO 07 1 H	SPBO 08 1 H	SPBO 09 1 H	SPBO 10 1 H	SPBO 11 1 H	SPBO 12 1 H	SPBO 13 1 H	SPBO 14 1 H	SPBO 15 1 H	SPBO 02 2 H	SPBO 04 2 H	SPBO 06 2 H	SPBO 08 2 H	SPBO 10 2 H	SPBO 12 2 H	SPBO 14 2 H
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0310250(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors and profile)	0310251(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set	0310257(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stop Set Collector	0310255(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between profile and roofbracket)	0310252(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Mounting Set (between stop and profile)	0310253(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Covering Plates	0310009(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
	0310010(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0310011(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Collector Connection Pipe	0310019(S)																X	X	X	X	X	X	X
Reducing Nipple	0308760(S)																X	X	X	X	X	X	X
Exytra Hydraulic Clamps	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (collectors on profile)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (between stop and profile)	0310254(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK					
		SPBO 011 DBH	SPBO 021 DBH	SPBO 031 DBH	SPBO 041 DBH	SPBO 051 DBH	SPBO 061 DBH	SPBO 071 DBH	SPBO 081 DBH	SPBO 091 DBH	SPBO 101 DBH	SPBO 111 DBH	SPBO 121 DBH	SPBO 131 DBH	SPBO 141 DBH	SPBO 151 DBH	SPBO 062 DBH	SPBO 082 DBH	SPBO 102 DBH	SPBO 122 DBH	SPBO 142 DBH	
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors)	0310250(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors and profile)	0310251(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Profile Set	0310257(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Stop Set Collector	0310255(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between profile and roofbracket)	0310252(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between stop and profile)	0310253(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Covering Plates	0310009(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	0310010(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	0310011(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Drain Back Tank (Basic)	0308786(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Drain Back Tank (Add-On)	0308788(S)					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (drain back tank on profile)	0308789(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between drain backs)	0308792(S)					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Connection Set (drain back)	0308794(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (final drain back)	0309055	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between rows)	0309042																X	X	X	X	X	
Cap Set Collectors	0308896(S)																X	X	X	X	X	
Extra Hydraulic Clamps	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Extra Mounting Set (collectors on profile)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Extra Mounting Set (between stop and profile)	0310254(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Collector parts

Spare parts SPBO vertical sets before 15-9-'11

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK						
		SPBO 01 1 V	SPBO 02 1 V	SPBO 03 1 V	SPBO 04 1 V	SPBO 05 1 V	SPBO 06 1 V	SPBO 07 1 V	SPBO 08 1 V	SPBO 09 1 V	SPBO 10 1 V	SPBO 11 1 V	SPBO 12 1 V	SPBO 13 1 V	SPBO 14 1 V	SPBO 15 1 V	SPBO 02 2 V	SPBO 04 2 V	SPBO 06 2 V	SPBO 08 2 V	SPBO 10 2 V	SPBO 12 2 V	SPBO 14 2 V
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (outer collectors onto profile)	0308768(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (inbetween collectors onto profile)	0308767(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set	0308776(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between profile and roofbracket)	0308778(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Covering Plates	0308751(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308752(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0309086(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Profile Set Multi-row	0308777(S)																X	X	X	X	X	X	X
Conn. Hose (between collectors)	0308759(S)																X	X	X	X	X	X	X
Reducing Nipple	0308760(S)																X	X	X	X	X	X	X
Exytra Hydraulic Clamps	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (collectors on profile)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK				
		SPBO 01 1 V	SPBO 02 1 V	SPBO 03 1 V	SPBO 04 1 V	SPBO 05 1 V	SPBO 06 1 V	SPBO 07 1 V	SPBO 08 1 V	SPBO 09 1 V	SPBO 10 1 V	SPBO 11 1 V	SPBO 12 1 V	SPBO 13 1 V	SPBO 14 1 V	SPBO 15 1 V	SPBO 06 2 V	SPBO 08 2 V	SPBO 10 2 V	SPBO 12 2 V	SPBO 14 2 V
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (outer collectors onto profile)	0308768(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (inbetween collectors onto profile)	0308767(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set	0308776(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between profile and roofbracket)	0308778(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering Plates	0308751(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308752(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0309086(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308782(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308784(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (drain back tank on profile)	0308789(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308793(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set Multi-row	0308777(S)																X	X	X	X	X
Hydraulic Connections (between rows)	0309042(S)																X	X	X	X	X
Cap Set Collectors	0308896(S)																X	X	X	X	X
Extra Hydraulic Clamps	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (collectors on profile)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Collector parts

Spare parts SPBO vertical sets after 16-9-'11

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK						
		SPBO 01 1 V	SPBO 02 1 V	SPBO 03 1 V	SPBO 04 1 V	SPBO 05 1 V	SPBO 06 1 V	SPBO 07 1 V	SPBO 08 1 V	SPBO 09 1 V	SPBO 10 1 V	SPBO 11 1 V	SPBO 12 1 V	SPBO 13 1 V	SPBO 14 1 V	SPBO 15 1 V	SPBO 02 2 V	SPBO 04 2 V	SPBO 06 2 V	SPBO 08 2 V	SPBO 10 2 V	SPBO 12 2 V	SPBO 14 2 V
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0310250(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors and profile)	0310251(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set	0310256(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stop Set Collector	0310255(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Mounting Set (between profile and roofbracket)	0310252(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Mounting Set (between stop and profile)	0310253(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Covering Plates	0308751(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308752(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0309086(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Conn. Hose (between collectors)	0308759(S)																X	X	X	X	X	X	X
Reducing Nipple	0308760(S)																X	X	X	X	X	X	X
Extra Hydraulic Clamps	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (collectors on profile)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Mounting Set (between stop and profile)	0310254(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Description	Art. no.	SINGLE ROW WITHOUT DRAINBACK															DUAL ROW WITHOUT DRAINBACK				
		SPBO 01 1 V	SPBO 02 1 V	SPBO 03 1 V	SPBO 04 1 V	SPBO 05 1 V	SPBO 06 1 V	SPBO 07 1 V	SPBO 08 1 V	SPBO 09 1 V	SPBO 10 1 V	SPBO 11 1 V	SPBO 12 1 V	SPBO 13 1 V	SPBO 14 1 V	SPBO 15 1 V	SPBO 02 2 V	SPBO 04 2 V	SPBO 06 2 V	SPBO 12 2 V	SPBO 14 2 V
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0310250(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors and profile)	0310251(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Roofbracket Set	0308775(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Profile Set	0310256(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stop Set Collector	0310255(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between profile and roofbracket)	0310252(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between stop and profile)	0310253(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering Plates	0308751(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308752(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0308750(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	0309086(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308782(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308784(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (drain back tank on profile)	0308789(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308793(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between rows)	0309042(S)																X	X	X	X	X
Cap Set Collectors	0308896(S)																X	X	X	X	X
Extra Hydraulische Aansluitklemmen	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Montage Set (collectoren op profiel)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Schroevendraaier en schroefbitje	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra Montage Set (tussen aanslag en profiel)	0310254(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Collector parts

Spare parts SPBI horizontal sets

Description	Art. no.	ROOF BUILD IN - SINGLE ROW - HORIZONTAL															ROOF BUILD IN - DOUBLE ROW - HORIZONTAL							
		SPBI 01 1 H	SPBI 02 1 H	SPBI 03 1 H	SPBI 04 1 H	SPBI 05 1 H	SPBI 06 1 H	SPBI 07 1 H	SPBI 08 1 H	SPBI 09 1 H	SPBI 10 1 H	SPBI 11 1 H	SPBI 12 1 H	SPBI 13 1 H	SPBI 14 1 H	SPBI 15 1 H	SPBI 02 2 H	SPBI 04 2 H	SPBI 06 2 H	SPBI 08 2 H	SPBI 10 2 H	SPBI 12 2 H	SPBI 14 2 H	
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
Air Eliminator (short version)	0308756(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors)	0308766(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Covering plates	0310020(S)	X															X							
	0310021(S)		X				X				X				X			X				X		
	0310022(S)			X				X				X				X			X				X	
	0310023(S)				X				X				X							X				
	0310024(S)					X				X				X							X			
	0310025(S)						X	X	X	X	X	X	X	X	X	X						X	X	
Support Beam	0310138(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Conn. Hose (between collectors)	0310019(S)																X	X	X	X	X	X	X	
Reducing Nipple	0308760(S)																X	X	X	X	X	X	X	
Covering Plate (multiple row systems)	0310026(S)																X	X	X	X	X	X	X	
Distance Plate (multiple row systems)	0310009(S)																	X	X	X	X	X	X	
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Description	Art. no.	ROOF BUILD IN WITH DRAIN BACK- SINGLE ROW - HORIZONTAL															ROOF BUILD IN WITH DRAIN BACK - DOUBLE ROW - HORIZONTAL				
		SPBI 01 1 DBH	SPBI 02 1 DBH	SPBI 03 1 DBH	SPBI 04 1 DBH	SPBI 05 1 DBH	SPBI 06 1 DBH	SPBI 07 1 DBH	SPBI 08 1 DBH	SPBI 09 1 DBH	SPBI 10 1 DBH	SPBI 11 1 DBH	SPBI 12 1 DBH	SPBI 13 1 DBH	SPBI 14 1 DBH	SPBI 15 1 DBH	SPBI 06 2 DBH	SPBI 08 2 DBH	SPBI 10 2 DBH	SPBI 12 2 DBH	SPBI 14 2 DBH
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308756(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0308766(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering plates	0310027(S)	X																			
	0310028(S)		X				X				X				X					X	
	0310029(S)			X				X				X				X	X				X
	0310030(S)				X				X				X					X			
	0310031(S)					X				X				X					X		
	0310032(S)						X	X	X	X	X	X	X	X	X	X				X	X
Support Beam	0310138(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308786(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308788(S)					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (drain back tank on roof)	0308790(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308794(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering Plate (multiple row systems)	0310026(S)																X	X	X	X	X
Distance Plate (multiple row systems)	0310009(S)																X	X	X	X	X
Connection Set (drain back - multiple row systems)	0309042(S)																X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Collector parts

Spare parts SPBI vertical sets

Description	Art. no.	ROOF BUILD IN - SINGLE ROW - VERTICAL															ROOF BUILD IN - DOUBLE ROW - VERTICAL							
		SPBI 01 1 V	SPBI 02 1 V	SPBI 03 1 V	SPBI 04 1 V	SPBI 05 1 V	SPBI 06 1 V	SPBI 07 1 V	SPBI 08 1 V	SPBI 09 1 V	SPBI 10 1 V	SPBI 11 1 V	SPBI 12 1 V	SPBI 13 1 V	SPBI 14 1 V	SPBI 15 1 V	SPBI 02 2 V	SPBI 04 2 V	SPBI 06 2 V	SPBI 08 2 V	SPBI 10 2 V	SPBI 12 2 V	SPBI 14 2 V	
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
Air Eliminator (short version)	0308756(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors)	0308766(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Covering plates	0308743(S)	X															X							
	0308744(S)		X				X				X				X			X				X		
	0308745(S)			X				X				X				X			X				X	
	0308746(S)				X				X				X							X				
	0308747(S)					X				X				X							X			
	0308748(S)						X	X	X	X	X	X	X	X	X	X						X	X	
Support Beam	0308772(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Conn. Hose (between collectors)	0308759(S)																X	X	X	X	X	X	X	
Reducing Nipple	0308760(S)																X	X	X	X	X	X	X	
Covering Plate (multiple row systems)	0308749(S)																X	X	X	X	X	X	X	
Distance Plate (multiple row systems)	0309086(S)																	X	X	X	X	X	X	
Hydraulicl Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Description	Art. no.	ROOF BUILD IN WITH DRAIN BACK - SINGLE ROW - VERTICAL															ROOF BUILD IN WITH DRAIN BACK - SINGLE ROW - VERTICAL				
		SPBI 01 1 DBV	SPBI 02 1 DBV	SPBI 03 1 DBV	SPBI 04 1 DBV	SPBI 05 1 DBV	SPBI 06 1 DBV	SPBI 07 1 DBV	SPBI 08 1 DBV	SPBI 09 1 DBV	SPBI 10 1 DBV	SPBI 11 1 DBV	SPBI 12 1 DBV	SPBI 13 1 DBV	SPBI 14 1 DBV	SPBI 15 1 DBV	SPBI 06 2 DBV	SPBI 08 2 DBV	SPBI 10 2 DBV	SPBI 12 2 DBV	SPBI 14 2 DBV
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308756(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0308766(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering plates	0309036(S)	X																			
	0309037(S)		X				X				X				X					X	
	0309038(S)			X				X				X				X	X				X
	0309039(S)				X				X				X					X			
	0309040(S)					X				X				X					X		
	0309041(S)						X	X	X	X	X	X	X	X	X	X				X	X
Support Beam	0308772(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308782(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308784(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (drain back tank on roof)	0308790(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308793(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Covering Plate (multiple row systems)	0308749(S)																X	X	X	X	X
Distance Plate (multiple row systems)	0309086(S)																X	X	X	X	X
Connection Set (drain back - multiple row systems)	0309042(S)																X	X	X	X	X
Hydraulic Connections (closing col. conn.)	0308896(S)																X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Spare parts SPFR horizontal sets

		FLAT ROOF FRAME CONSTRUCTION 20°/30° WITH DRAIN BACK - HORIZONTAL															FLAT ROOF FRAME CONSTRUCTION 45°/60° WITH DRAIN BACK - HORIZONTAL															
		SPR 01 20/30 DBH SPR 01 20/30 DBHB	SPR 02 20/30 DBH SPR 02 20/30 DBHB	SPR 03 20/30 DBH SPR 03 20/30 DBHB	SPR 04 20/30 DBH SPR 04 20/30 DBHB	SPR 05 20/30 DBH SPR 05 20/30 DBHB	SPR 06 20/30 DBH SPR 06 20/30 DBHB	SPR 07 20/30 DBH SPR 07 20/30 DBHB	SPR 08 20/30 DBH SPR 08 20/30 DBHB	SPR 09 20/30 DBH SPR 09 20/30 DBHB	SPR 10 20/30 DBH SPR 10 20/30 DBHB	SPR 11 20/30 DBH SPR 11 20/30 DBHB	SPR 12 20/30 DBH SPR 12 20/30 DBHB	SPR 13 20/30 DBH SPR 13 20/30 DBHB	SPR 14 20/30 DBH SPR 14 20/30 DBHB	SPR 15 20/30 DBH SPR 15 20/30 DBHB	SPR 01 45/60 DBH SPR 01 45/60 DBHB	SPR 02 45/60 DBH SPR 02 45/60 DBHB	SPR 03 45/60 DBH SPR 03 45/60 DBHB	SPR 04 45/60 DBH SPR 04 45/60 DBHB	SPR 05 45/60 DBH SPR 05 45/60 DBHB	SPR 06 45/60 DBH SPR 06 45/60 DBHB	SPR 07 45/60 DBH SPR 07 45/60 DBHB	SPR 08 45/60 DBH SPR 08 45/60 DBHB	SPR 09 45/60 DBH SPR 09 45/60 DBHB	SPR 10 45/60 DBH SPR 10 45/60 DBHB	SPR 11 45/60 DBH SPR 11 45/60 DBHB	SPR 12 45/60 DBH SPR 12 45/60 DBHB	SPR 13 45/60 DBH SPR 13 45/60 DBHB	SPR 14 45/60 DBH SPR 14 45/60 DBHB	SPR 15 45/60 DBH SPR 15 45/60 DBHB	
Description	Art. no.																															
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0308769(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (outside collectors)	0308770(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Frame	0308763(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																
	0308764(S)																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308786(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308788(S)					X	X	X	X	X	X	X	X	X	X	X					X	X										
Mounting Set (drain back tank on frame)	0308791(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)					X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308794(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Collector parts

Spare parts SPFR vertical sets

Description	Art. no.	FLAT ROOF FRAME CONSTRUCTION 20°/30° - VERTICAL															FLAT ROOF FRAME CONSTRUCTION 45°/60° - VERTICAL														
		SPFR 01 20/30 V	SPFR 02 20/30 V	SPFR 03 20/30 V	SPFR 04 20/30 V	SPFR 05 20/30 V	SPFR 06 20/30 V	SPFR 07 20/30 V	SPFR 08 20/30 V	SPFR 09 20/30 V	SPFR 10 20/30 V	SPFR 11 20/30 V	SPFR 12 20/30 V	SPFR 13 20/30 V	SPFR 14 20/30 V	SPFR 15 20/30 V	SPFR 01 45/60 V	SPFR 02 45/60 V	SPFR 03 45/60 V	SPFR 04 45/60 V	SPFR 05 45/60 V	SPFR 06 45/60 V	SPFR 07 45/60 V	SPFR 08 45/60 V	SPFR 09 45/60 V	SPFR 10 45/60 V	SPFR 11 45/60 V	SPFR 12 45/60 V	SPFR 13 45/60 V	SPFR 14 45/60 V	SPFR 15 45/60 V
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0308769(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (outside collectors)	0308770(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Frame	0310012(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X															
	0310014(S)																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Description	Art. no.	FLAT ROOF FRAME CONSTRUCTION 20°/30° WITH DRAIN BACK - VERTICAL															FLAT ROOF FRAME CONSTRUCTION 45°/60° WITH DRAIN BACK - VERTICAL														
		SPFR 01 20/30 DBV	SPFR 02 20/30 DBV	SPFR 03 20/30 DBV	SPFR 04 20/30 DBV	SPFR 05 20/30 DBV	SPFR 06 20/30 DBV	SPFR 07 20/30 DBV	SPFR 08 20/30 DBV	SPFR 09 20/30 DBV	SPFR 10 20/30 DBV	SPFR 11 20/30 DBV	SPFR 12 20/30 DBV	SPFR 13 20/30 DBV	SPFR 14 20/30 DBV	SPFR 15 20/30 DBV	SPFR 01 45/60 DBV	SPFR 02 45/60 DBV	SPFR 03 45/60 DBV	SPFR 04 45/60 DBV	SPFR 05 45/60 DBV	SPFR 06 45/60 DBV	SPFR 07 45/60 DBV	SPFR 08 45/60 DBV	SPFR 09 45/60 DBV	SPFR 10 45/60 DBV	SPFR 11 45/60 DBV	SPFR 12 45/60 DBV	SPFR 13 45/60 DBV	SPFR 14 45/60 DBV	SPFR 15 45/60 DBV
Solar Collector	0308739(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (between collectors)	0308769(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (outside collectors)	0308770(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Frame	0310012(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X															
	0310014(S)																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Basic)	0308782(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drain Back Tank (Add-On)	0308784(S)					X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X
Mounting Set (drain back tank on frame)	0308791(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (between drain backs)	0308792(S)					X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X
Conn Hose (between collector and drain back)	0308793(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Collector parts

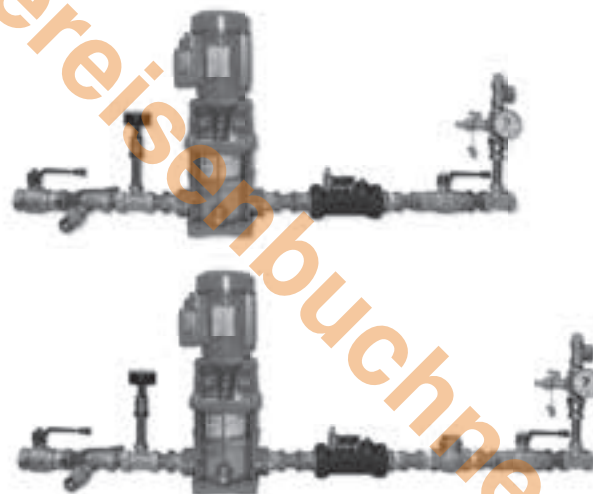
Spare parts SPWL horizontal sets

Description	Art. no.	WALL HUNG FRAME CONSTRUCTION 45° - HORIZONTAL															WALL HUNG FRAME CONSTRUCTION 60° - HORIZONTAL															WALL HUNG FRAME CONSTRUCTION 70° - HORIZONTAL																	
		SPWL 01 45 H	SPWL 02 45 H	SPWL 03 45 H	SPWL 04 45 H	SPWL 05 45 H	SPWL 06 45 H	SPWL 07 45 H	SPWL 08 45 H	SPWL 09 45 H	SPWL 10 45 H	SPWL 11 45 H	SPWL 12 45 H	SPWL 13 45 H	SPWL 14 45 H	SPWL 15 45 H	SPWL 01 60 H	SPWL 02 60 H	SPWL 03 60 H	SPWL 04 60 H	SPWL 05 60 H	SPWL 06 60 H	SPWL 07 60 H	SPWL 08 60 H	SPWL 09 60 H	SPWL 10 60 H	SPWL 11 60 H	SPWL 12 60 H	SPWL 13 60 H	SPWL 14 60 H	SPWL 15 60 H	SPWL 01 70 H	SPWL 02 70 H	SPWL 03 70 H	SPWL 04 70 H	SPWL 05 70 H	SPWL 06 70 H	SPWL 07 70 H	SPWL 08 70 H	SPWL 09 70 H	SPWL 10 70 H	SPWL 11 70 H	SPWL 12 70 H	SPWL 13 70 H	SPWL 14 70 H	SPWL 15 70 H			
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors)	0308769(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (outside collectors)	0308770(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Frame	0310016(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																																	
	0310017(S)																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																		
	0310018(S)																																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Description	Art. no.	WALL HUNG FRAME CONSTRUCTION 45° WITH DRAIN BACK - HORIZONTAL															WALL HUNG FRAME CONSTRUCTION 60° WITH DRAIN BACK - HORIZONTAL															WALL HUNG FRAME CONSTRUCTION 70° WITH DRAIN BACK - HORIZONTAL																	
		SPWL 01 45 BDH	SPWL 02 45 BDH	SPWL 03 45 BDH	SPWL 04 45 BDH	SPWL 05 45 BDH	SPWL 06 45 BDH	SPWL 07 45 BDH	SPWL 08 45 BDH	SPWL 09 45 BDH	SPWL 10 45 BDH	SPWL 11 45 BDH	SPWL 12 45 BDH	SPWL 13 45 BDH	SPWL 14 45 BDH	SPWL 15 45 BDH	SPWL 01 60 BDH	SPWL 02 60 BDH	SPWL 03 60 BDH	SPWL 04 60 BDH	SPWL 05 60 BDH	SPWL 06 60 BDH	SPWL 07 60 BDH	SPWL 08 60 BDH	SPWL 09 60 BDH	SPWL 10 60 BDH	SPWL 11 60 BDH	SPWL 12 60 BDH	SPWL 13 60 BDH	SPWL 14 60 BDH	SPWL 15 60 BDH	SPWL 01 70 BDH	SPWL 02 70 BDH	SPWL 03 70 BDH	SPWL 04 70 BDH	SPWL 05 70 BDH	SPWL 06 70 BDH	SPWL 07 70 BDH	SPWL 08 70 BDH	SPWL 09 70 BDH	SPWL 10 70 BDH	SPWL 11 70 BDH	SPWL 12 70 BDH	SPWL 13 70 BDH	SPWL 14 70 BDH	SPWL 15 70 BDH			
Solar Collector	0308740(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between collectors)	0308753(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (in- and outlet collectors)	0308754(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection Set (in- and outlet collector)	0308758(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Air Eliminator (short version)	0308755(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (between collectors)	0308769(S)		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (outside collectors)	0308770(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Frame	0310016(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																																	
	0310017(S)																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																		
	0310018(S)																																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Drain Back Tank (Basic)	0308786(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Drain Back Tank (Add-On)	0308788(S)				X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X		
Mounting Set (drain back tank on frame)	0308791(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (between drain backs)	0308792(S)				X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X		
Conn Hose (between collector and drain back)	0308910(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Connection Set (drain back)	0308794(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (final drain back)	0309055(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Hydraulic Connections (spare)	0308757(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mounting Set (spare)	0308771(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Screwdriver and Bids	0308773(S)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Solar systems and parts

Art. No.	Drain back	SGE/SGS	IT/ITS
0309975	X		X
0309976			X
0309977	X	X	
0309978		X	
0309979	X		X
0309980			X
0309981	X	X	
0309982		X	
0309983	X		X
0309984			X
0309985	X	X	
0309986		X	
0309987	X		X
0309988			X
0309989	X	X	
0309990		X	
0309991	X		X
0309992			X
0309993	X	X	
0309994		X	

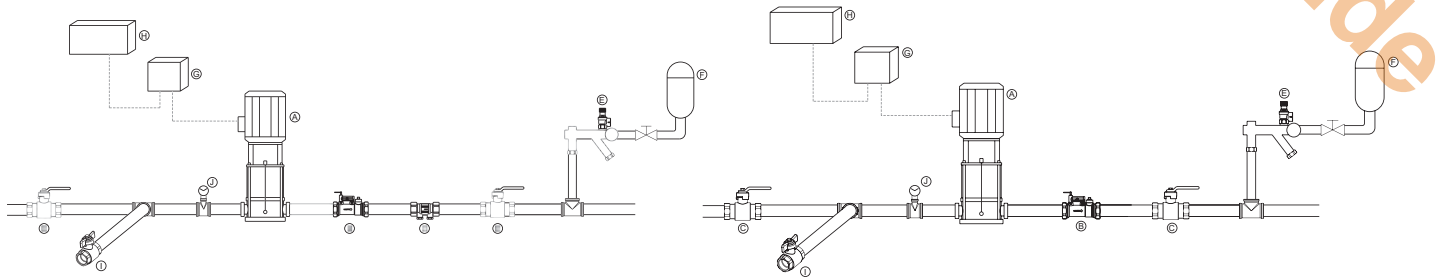


Solar systems and parts

Large pump station parts

No.	Description	Date	0309975	0309976	0309977	0309978	0309979	0309980	0309981	0309982	0309983	0309984
A	Solar pump		0309907(S)	0309907(S)	0309907(S)	0309907(S)	0309929(S)	0309929(S)	0309929(S)	0309929(S)	0309908(S)	0309908(S)
B	Solar flow meter		0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)
D	Non return valve		-	0309970(S)	-	0309970(S)	-	0309970(S)	-	0309970(S)	-	0309970(S)
E	Security group		0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)
G	Relay box solar pump		0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)
H	Control		-	-	0308874(S)	0308874(S)	-	-	0308874(S)	0308874(S)	-	-
	Control		-	0309010(S)	-	-	-	0309010(S)	-	-	-	0309010(S)
J	Pressure gauge		0309729(S)	-	-	-	0309729(S)	-	-	-	0309729(S)	-
			0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)

No.	Description	Date	0309985	0309986	0309987	0309988	0309989	0309990	0309991	0309992	0309993	0309994
A	Solar pump		0309908(S)	0309908(S)	0309930(S)	0309930(S)	0309930(S)	0309930(S)	0309931(S)	0309931(S)	0309931(S)	0309931(S)
B	Solar flow meter		0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)	0309932(S)
D	Non return valve		-	0309970(S)	-	0309970(S)	-	0309970(S)	-	0309970(S)	-	0309970(S)
E	Security group		0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)	0309957(S)
G	Relay box solar pump		0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)	0309958(S)
H	Control		0308874(S)	0308874(S)	-	-	0308874(S)	0308874(S)	-	-	0308874(S)	0308874(S)
	Control		-	-	-	0309010(S)	-	-	-	0309010(S)	-	-
J	Pressure gauge		-	-	0309729(S)	-	-	-	0309729(S)	-	-	-
			0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)	0309996(S)



Solar systems and parts

Pump stations

1st generation		2nd generation		Application		
Art. No.	Untill	Art. No.	From	Drainback	SGE/SGS	IT/ITS
0308781	3-10-'11	0310191	4-10-'11	X	X	
0308783	14-3-'13	0310194	15-3-'13			X
0308785	15-4-'12	0310190	16-4-'12		X	
0308787	8-1-'11	0310192	9-1-'11	X	X	
0308801	6-10-'11	0310189	7-10-'11		X	
0308802	16-10-'11	0310193	17-10-'11			X
0309409	31-8-'11	0310195	1-9-'11	X		X
0309410	14-12-'11	0310196	15-12-'11	X		X

Large pump station accessories

Description	Date	0309975	0309976	0309977	0309978	0309979	0309980	0309981	0309982	0309983	0309984
By pass set		0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)
Seal kit		0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)
Seal solar (1 piece)		0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)

Description	Date	0309985	0309986	0309987	0309988	0309989	0309990	0309991	0309992	0309993	0309994
By pass set		0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)	0309998(S)
Seal kit		0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)	0309997(S)
Seal solar (1 piece)		0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)	0309971(S)

Accessories 1st Generation

Description	0308781	0308783	0308785	0308787	0308801	0308802	0309409	0309410
	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
Smart display	-	0309701(S)	-	-	-	0309701(S)	0309701(S)	0309701(S)
Boost pump	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)
Output sensor (28mm)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)

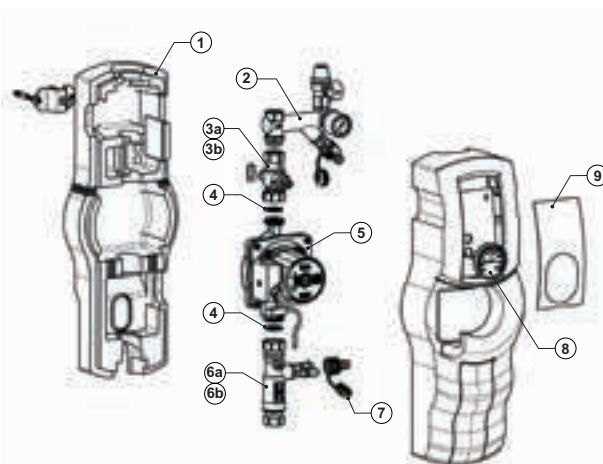
Accessoires 2nd Generation

Description	0310189	0310190	0310191	0310192	0310193	0310194	0310195	0310196
	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
Smart Display	-	-	-	-	0309701(S)	0309701(S)	0309701(S)	0309701(S)
Alarm Output	-	-	-	-	0310056(S)	0310056(S)	0310056(S)	0310056(S)
V-Bus to USB	-	-	-	-	0310262(S)	0310262(S)	0310262(S)	0310262(S)
Boost pump	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)	0309005(S)
Q/T-sensor (28 mm)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)	0309703(S)

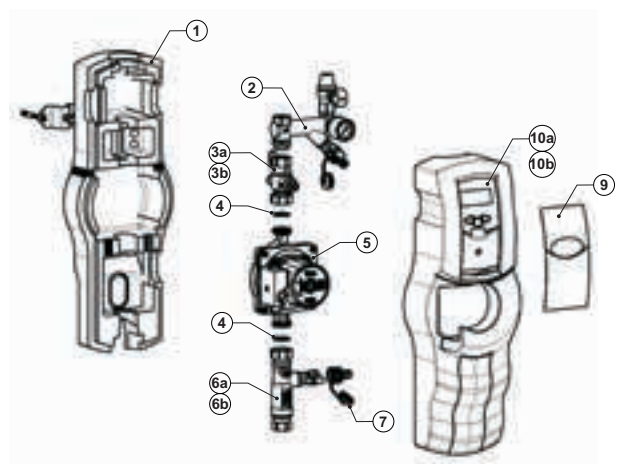
Parts 1st Generation

No.	Description	0308781		0308783		0308785		0308787	
		Untill	Art. No.	Untill	Art. No.	Untill	Art. No.	Untill	Art. No.
1	Insulation	3-10-'11	0308999(S)	14-3-'13	0308999(S)	1-7-'12	0308999(S)	9-1-'11	0308999(S)
2	Security group	3-10-'11	0309000(S)	14-3-'13	0309000(S)	1-7-'12	0309000(S)	9-1-'11	0309000(S)
3a	Return valve		-		0309001(S)	1-7-'12	0309001(S)		-
3b		3-10-'11	0309002(S)	14-3-'13	-	-	-	9-1-'11	0309002(S)
4	Gasket pump	3-10-'11	0309004(S)	14-3-'13	0309004(S)	1-7-'12	0309004(S)	9-1-'11	0309004(S)
5	Pump		-		0309005(S)		-		-
6a	Flowmeter	3-10-'11	0309090(S)	14-3-'13	-	1-7-'12	0309090(S)	9-1-'11	0309090(S)
6b		3-10-'11	0309006(S)	14-3-'13	-	-	-		-
7	Hose connector with gasket	3-10-'11	0309008(S)	14-3-'13	0309008(S)	1-7-'12	0309008(S)	9-1-'11	0309008(S)
8	Thermometer	3-10-'11	0309003(S)	14-3-'13	-	1-7-'12	0309003(S)	9-1-'11	0309003(S)
9	Front panel	3-10-'11	0309009(S)	14-3-'13	0309009(S)	1-7-'12	0309009(S)	9-1-'11	0309009(S)
10a	Control		-	14-3-'13	0309010(S)		-		-
10b			-		-		-		-
-	Tank sensor		-	14-3-'13	0309688(S)		-		-
-	Immersion sleeves		-	14-3-'13	0309690(S)		-		-
-	Reducing nipple		-	14-3-'13	0070066002(S)		-		-
-	Collector sensor		-	14-3-'13	0309689(S)		-		-

No.	Description	0308801		0308802		0309409		0309410	
		Before	Art. No.	Before	Art. No.	Before	Art. No.	Before	Art. No.
1	Insulation	6-10-'11	0308999(S)	7-6-'11	0308999(S)	31-8-'11	0308999(S)	7-6-'11	0308999(S)
2	Security group	6-10-'11	0309000(S)	7-6-'11	0309000(S)	31-8-'11	0309000(S)	7-6-'11	0309000(S)
3a	Return valve	6-10-'11	0309001(S)	7-6-'11	0309001(S)			7-6-'11	0309001(S)
3b			-		-		-		-
4	Gasket pump	6-10-'11	0309004(S)	7-6-'11	0309004(S)	31-8-'11	0309004(S)	7-6-'11	0309004(S)
5	Pump		-	7-6-'11	0309005(S)	31-8-'11	0309005(S)	7-6-'11	0309005(S)
6a	Flowmeter	6-10-'11	0309090(S)		-		-		-
6b		6-10-'11	0309006(S)	7-6-'11	0309006(S)	31-8-'11	0309006(S)		-
7	Hose connector with gasket	6-10-'11	0309008(S)	7-6-'11	0309008(S)	31-8-'11	0309008(S)	7-6-'11	0309008(S)
8	Thermometer	6-10-'11	0309003(S)		-		-		-
9	Front panel	6-10-'11	0309009(S)	7-6-'11	0309009(S)	31-8-'11	0309009(S)	7-6-'11	0309009(S)
10a	Control		-	7-6-'11	0309010(S)		-		-
10b			-		-	31-8-'11	0309729(S)	7-6-'11	0309729(S)
-	Tank sensor		-	7-6-'11	0309688(S)	31-8-'11	0309688(S)	7-6-'11	0309688(S)
-	Immersion sleeves		-	7-6-'11	0309690(S)	31-8-'11	0309690(S)	7-6-'11	0309690(S)
-	Reducing nipple		-	7-6-'11	0070066002(S)	31-8-'11	0070066002(S)	7-6-'11	0070066002(S)
-	Collector sensor		-	7-6-'11	0309689(S)	31-8-'11	0309689(S)	7-6-'11	0309689(S)



EVD-0058

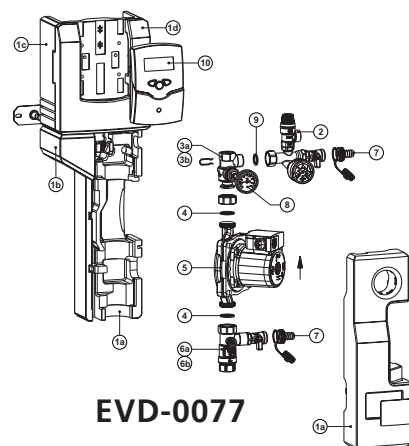
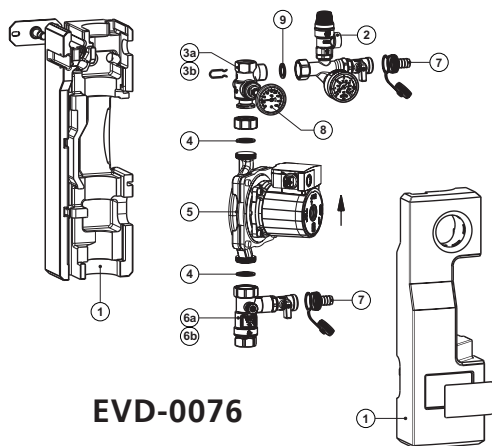


EVD-0059

Parts 2nd Generation

No.	Description	0310189		0310190		0310191		0310192	
		From	Art. No.	From	Art. No.	From	Art. No.	From	Art. No.
1	Insulation pump station	7-10-'11	0310198(S)	2-7-'12	0310198(S)	4-10-'11	0310198(S)	10-1-'11	0310198(S)
1b	Insulation control	-	-	-	-	-	-	-	-
1c	Insulation front control	-	-	-	-	-	-	-	-
1d	Insulation additional piece	-	-	-	-	-	-	-	-
2	Security group	7-10-'11	0310202(S)	2-7-'12	0310202(S)	4-10-'11	0310202(S)	10-1-'11	0310202(S)
3a	Return valve	7-10-'11	0310204(S)	2-7-'12	0310204(S)	-	-	-	-
3b		-	-	-	-	4-10-'11	0310205(S)	10-1-'11	0310205(S)
4	Gasket pump	7-10-'11	0309004(S)	2-7-'12	0309004(S)	4-10-'11	0309004(S)	10-1-'11	0309004(S)
5	Pump	-	-	-	-	-	-	-	-
		7-10-'11	0309090(S)	2-7-'12	0309090(S)	4-10-'11	0309090(S)	10-1-'11	0309090(S)
6a	Flowmeter	7-10-'11	0310206(S)	2-7-'12	-	4-10-'11	0310206(S)	-	-
6b		-	-	-	0310207(S)	-	-	10-1-'11	0310207(S)
7	Hose connector with gasket	7-10-'11	0309008(S)	2-7-'12	0309008(S)	4-10-'11	0309008(S)	10-1-'11	0309008(S)
8	Thermometer	7-10-'11	0310208(S)	2-7-'12	0310208(S)	4-10-'11	0310208(S)	10-1-'11	0310208(S)
9	Gasket security group	7-10-'11	0310203(S)	2-7-'12	0310203(S)	4-10-'11	0310203(S)	10-1-'11	0310203(S)
10	Control	-	-	-	-	-	-	-	-
-	Tank sensor	-	-	-	-	-	-	-	-
-	Immersion sleeves	-	-	-	-	-	-	-	-
-	Reducing nipple	-	-	-	-	-	-	-	-
-	Collector sensor	-	-	-	-	-	-	-	-

No.	Description	0310193		0310194		0310195		0310196	
		After	Art. No.	After	Art. No.	After	Art. No.	After	Art. No.
1	Insulation pump station	8-6-'11	0310198(S)	15-3-'13	0310198(S)	1-9-'11	0310198(S)	8-6-'11	0310198(S)
1b	Insulation control	8-6-'11	0310199(S)	15-3-'13	0310199(S)	1-9-'11	0310199(S)	8-6-'11	0310199(S)
1c	Insulation front control	8-6-'11	0310200(S)	15-3-'13	0310200(S)	1-9-'11	0310200(S)	8-6-'11	0310200(S)
1d	Insulation additional piece	8-6-'11	0310201(S)	15-3-'13	0310201(S)	1-9-'11	0310201(S)	8-6-'11	0310201(S)
2	Security group	8-6-'11	0310202(S)	15-3-'13	0310202(S)	1-9-'11	0310202(S)	8-6-'11	0310202(S)
3a	Return valve	8-6-'11	0310204(S)	15-3-'13	0310204(S)	-	-	-	-
3b		-	-	-	-	1-9-'11	0310205(S)	8-6-'11	0310205(S)
4	Gasket pump	8-6-'11	0309004(S)	15-3-'13	0309004(S)	1-9-'11	0309004(S)	8-6-'11	0309004(S)
5	Pump	8-6-'11	0309005(S)	15-3-'13	0309005(S)	1-9-'11	0309005(S)	8-6-'11	0309005(S)
		-	-	-	-	-	-	-	-
6a	Flowmeter	8-6-'11	0310206(S)	-	-	1-9-'11	0310206(S)	-	-
6b		-	-	15-3-'13	0310207(S)	-	-	8-6-'11	0310207(S)
7	Hose connector with gasket	8-6-'11	0309008(S)	15-3-'13	0309008(S)	1-9-'11	0309008(S)	8-6-'11	0309008(S)
8	Thermometer	8-6-'11	0310208(S)	15-3-'13	0310208(S)	1-9-'11	0310208(S)	8-6-'11	0310208(S)
9	Gasket security group	8-6-'11	0310203(S)	15-3-'13	0310203(S)	1-9-'11	0310203(S)	8-6-'11	0310203(S)
10	Control	8-6-'11	0310209(S)	15-3-'13	0310209(S)	1-9-'11	0310209(S)	8-6-'11	0310209(S)
-	Tank sensor	8-6-'11	0309688(S)	15-3-'13	0309688(S)	1-9-'11	0309688(S)	8-6-'11	0309688(S)
-	Immersion sleeves	8-6-'11	0309690(S)	15-3-'13	0309690(S)	1-9-'11	0309690(S)	8-6-'11	0309690(S)
-	Reducing nipple	8-6-'11	0070066002(S)	15-3-'13	0070066002(S)	1-9-'11	0070066002(S)	8-6-'11	0070066002(S)
-	Collector sensor	8-6-'11	0309689(S)	15-3-'13	0309689(S)	1-9-'11	0309689(S)	8-6-'11	0309689(S)



Solar systems and parts

OUTPUT SENSOR

Art. No.	Connection
0309691(S)	22 mm soldeer
0309703(S)	28 mm soldeer

GLYCOL

Art. No.	Litre
0308803	10

- * Corrosion inhibiting and anti-frost agent Tyfocor L®
- * Packaging of 10litres in 40% mixed solution

EXPANSION VESSEL

Art. No.	Litre	Collectors*
0308875	25	1-4
0308876	35	5-6
0308877	50	7-11
0308878	80	12-15

- * The expansion vessel is based on the number of collectors.
- For more information please contact the Technical Support Group.

QT SENSOR

Art. No.
0309285(S)

SMART DISPLAY

Art. No.
0309701(S)

INSULATION MATERIAL

Art. No.	Connection
0309933(S)	Ø 22mm x 2m
0309934(S)	Ø 28mm x 2m

- * Vogelbestendig, geschikt voor buiten

T&P VALVE

Art. No.	Connection
0076527004(S)	¾" / 10 bar
0099383005(S)	1" / 10 bar

CONNECTIONS

Description	IT/ITS									
	300	400	500	600	750	1000	1500	2000	2500	3000
Reducing Nipple 2 x 2" BSP female	-	0309082(S)	-	-	-	0309082(S)	-	-	-	-
Reducing Nipple 2 1/2 x 2 1/2" BSP female	-	-	-	0309031(S)	-	-	-	-	-	-
Reducing Nipple Set 2" BSp F x R 1" M	-	0309083(S)	-	-	-	0309083(S)	-	-	-	-
Reducing Nipple Set 2" BSp F x R 1 1/2" M	-	0309084(S)	-	-	-	0309084(S)	-	-	-	-
Reducing Nipple Set 2 1/2" BSp F x R 1" M	-	-	-	0309032(S)	-	-	-	-	-	-
Reducing Nipple Set 2 1/2" BSp F x R 1" M	-	-	-	0309033(S)	-	-	-	-	-	-
Reducing Nipple Set 2 1/2" BSp F x R 1 1/2" M	-	-	-	0309085(S)	-	-	-	-	-	-

Notes

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Product range



SGE
Industrial room-sealed gas-solar



SGS
Industrial room-sealed gas-solar



Solar pack
Solar system accessories



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TWI
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Industrial room-sealed gas



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Industrial room-sealed gas



ADM
Industrial room-sealed gas



ADMR
Industrial atmospheric gas



BT/BTT
Small industrial atmospheric gas



BTI
Small industrial atmospheric gas



COF
Industrial pressure jet oil or gas



EQ
Residential atmospheric gas



PGCS
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Residential atmospheric gas



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PHE
Plate heat exchangers



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