

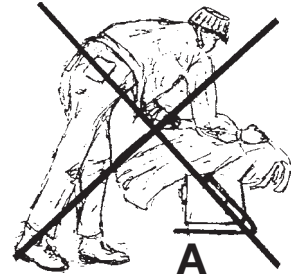
User and installation instructions

Use

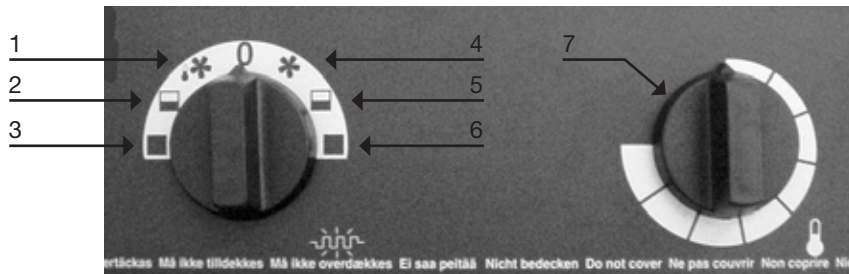
The electric fan heater is intended for space heating in various premises. It is movable, but can also be permanently installed. The electric fan heater is approved for use in humid and wet areas, and is employed on building sites, in stores and shops, and in the home. The fan heater has been subjected to electrical safety testing and EMC-testing by SEMKO. The fan heater is CE marked. Degree of protection: IP X4 (corresponds to splash-proof)

Safety

- Don't use this heater in the immediate vicinity of a shower, bath or swimming pool.
- Don't cover the heater since it could then overheat and could cause a fire (see also Figure A).
- Some of the heater surfaces become hot when the heater is in operation.
- Locate the heater so that any combustible material will not be ignited.
- Don't locate the heater immediately below a permanent wall-mounted power outlet.
- If permanently installed in a bathroom or shower room, make sure that the heater is installed so that the person using the bath or shower will not be able to touch it.



Operation



Thermostatically controlled fan motor

The fan motor will stop when the thermostat has switched off the heater.

1. Fan (BX 9AE Low speed)
2. Fan + 1/2 output (BX 5E 230 V - 2/3 output)
3. Fan + 1/1 output

Continuous operation

The fan motor runs continuously regardless of the thermostat setting.

4. Fan (BX 9AE High speed)
5. Fan + 1/2 output (BX 5E 230 V - 2/3 output)
6. Fan + 1/1 output

Thermostat, 0 – 35°C

7. The thermostats in BX 2E and BX 3E have one output stage, while other models have two output stages.

Maintenance

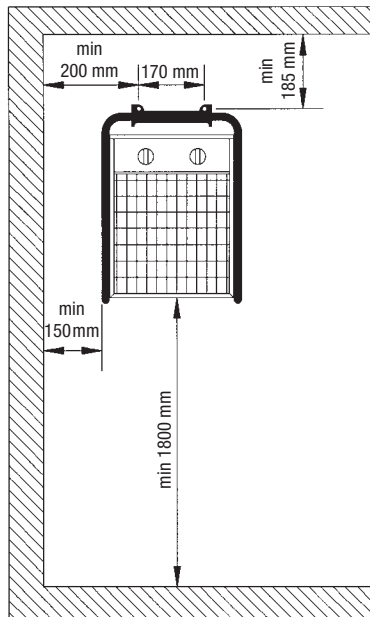
Clean the heater at regular intervals, since dust and dirt may give rise to overheating and the consequent risk of fire. The heater has a built-in temperature limiter designed to trip the power supply in the event of overheating. If the temperature limiter has tripped, let the heater cool down and attend to the fault. Reset the temperature limiter by pressing the RESET button on the cover (on the rear of BX 5E, BX 9AE, BX 9SE, BX 15E). The maintenance shall be carried out by a professional.

Permanent installation

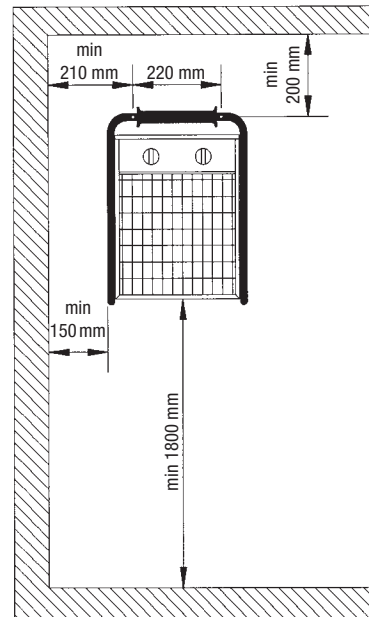
For stationary duty, the heater should be mounted at least 1800 mm above the floor. The minimum distances from the ceiling and wall are shown in Figure B. Secure the heater fan to the wall with screws fitted through the two mounting holes, and make sure that the heater is firmly secured in position. Use an all-pole switch with a distance of at least 3 mm between open contacts for connecting the heater to the power supply. Check the rating plate of the fan and the wiring diagram on the cover to make sure that the installation has been correctly done. The installation must be carried out by an authorized installer and in accordance with the relevant regulations.

B

BX 2E-5E



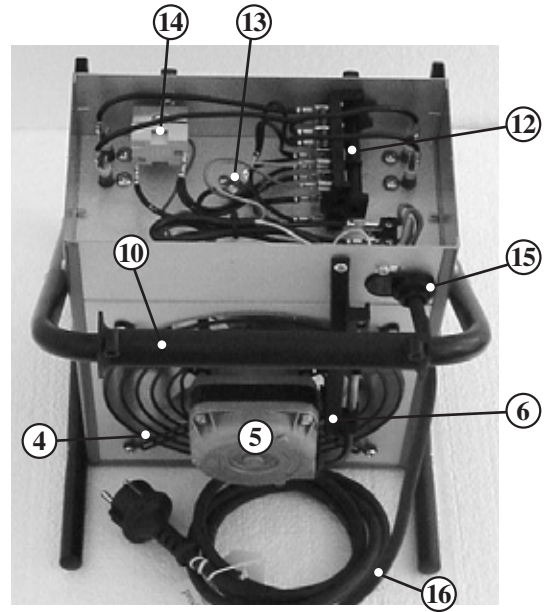
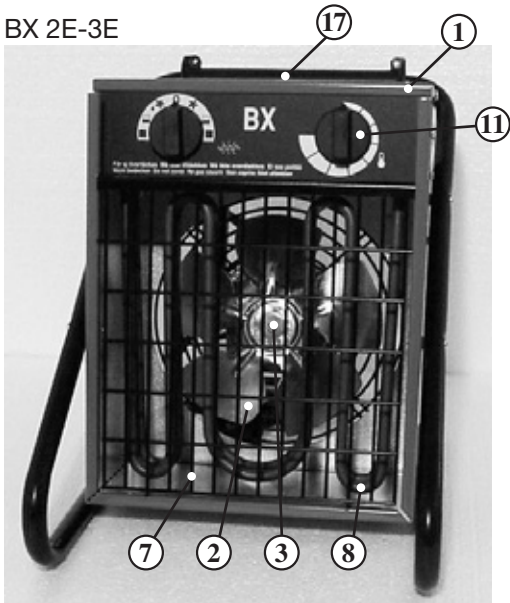
BX 9AE-15E



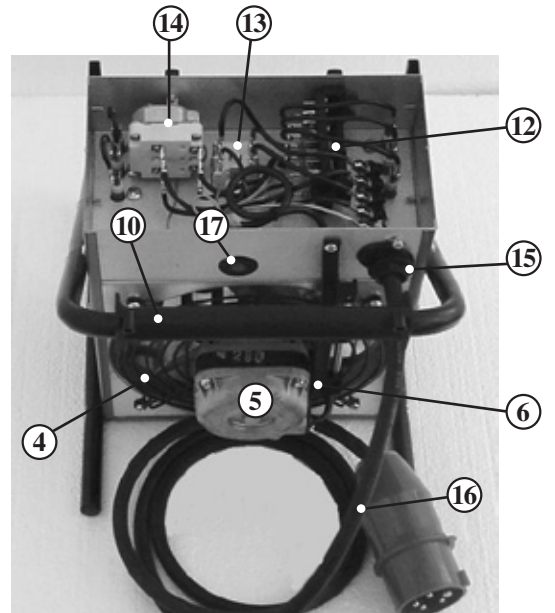
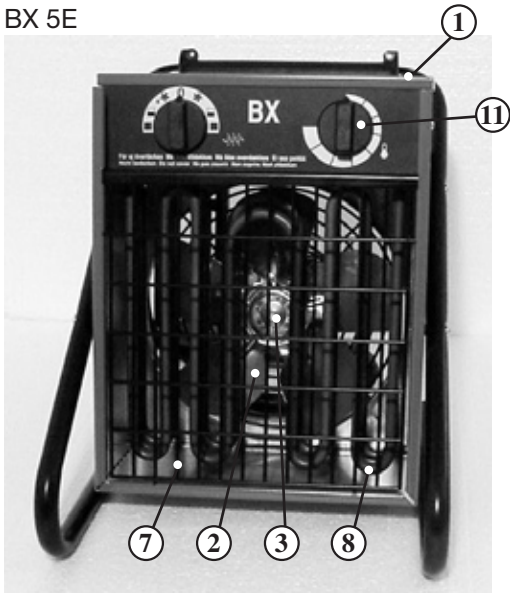
Tekniska data/Tekiske data/Tekniske spesifikasjoner/Tekniset tiedot/Technical Specifications/Technische Daten/Caractéristiques techniques/Specifiche tecniche/Technische gegevens/Dane techniczne/Технические данные

SE	Typ	Total-effekt	Värme-effekt	Motor-effekt	Reglerings-möjlighet	Spänning	Ström	Luft-mängd	Temperatur-ökning	Vikt
DK	Typen	Total-effekt	Varme-effekt	Motor-effekt	Regulerings-muligheder	Volt/faser	Strøm	Luft-mængde	Temperatur max	Vægt
NO	Type	Total-effekt	Varme-effekt	Motor-effekt	Regulerings-muligheder	Spennning	Strøm	Luft-mengde	Temperatur-økning	Vekt
FI	Tyyppi	Kokonais-teho	Lämmitys-teho	Moottori-teho	Säätö-väli	Jännite	Virta	Ilma-määrä	Lämpötilan-nousu	Paino
GB	Type	Total output	Heat output	Motor output	Control options	Voltage	Current	Air flow	Temperature rise	Weight
DE	Typ	Gesamt-leistung	Heiz-leistung	Motor-leistung	Regelungs-möglichkeit	Spannung	Strom	Luft-menge	Temperatur-erhöhung	Gewicht
FI	Type	Puissance totale	Effet calorifique	Puissance du moteur	Régulages-possibles	Tension	Courant	Quantité d'air	Aug. mentat. de la temp.	Poids
IT	Tipo	Potenza totale	Potenza riscaldamento	Potenza motore	Possibilità di regolazione	Tensione	Corrente	Quantità aria	Incremento della temp.	Peso
NL	Type	Totale capaciteit	Verwarmings-capaciteit	Motor-vermogen	Regelmo-gelijkheden	Aansluit-spanning	Opgenomen stroom	Luchtver-plaatsing	Temperatuur-toename	Gewicht
PL	Typ	Moc całkowita	Moc cieplna	Moc silnika	Regulacja	Zasilanie	Prąd	Strumień powietrza	Przyrost temp.	Waga
RU	Тип	Общая мощность	Мощность нагрева	Мощность двигателя	Регули-рование	Напр	Ток	Расход воздуха	Повышение температуры	Вес
BX 2E		2032 W	2000 W	32 W	0-1-2 kW	230 V ~	4,5/8,9 A	190 m³/h	29°C	5,5 kg
BX 3E		3032 W	3000 W	32 W	0-1,5-3 kW	230 V ~	6,7/13,2 A	290 m³/h	29°C	6,0 kg
BX 5E		5032 W	5000 W	32 W	0-3,3-5 kW	230 V ~	14,6/22,0 A	500 m³/h	28°C	6,5 kg
BX 5E		5032 W	5000 W	32 W	0-2,5-5 kW	230 V 3~	11,1/12,8 A	500 m³/h	28°C	6,5 kg
BX 5E		5032 W	5000 W	32 W	0-2,5-5 kW	400 V 3N~	6,4/7,4 A	500 m³/h	28°C	6,5 kg
BX 9AE		9070 W	9000 W	70 W	0-4,5-9 kW	400 V 3~	6,8/13,3 A	700/900 m³/h	36/28°C	11,5 kg
BX 9ANE		9070 W	9000 W	70 W	0-4,5-9 kW	230 V 3~	11,5/22,8 A	700/900 m³/h	36/28°C	11,5 kg
BX 9SE		9070 W	9000 W	70 W	0-4,5-9 kW	400 V 3~	11,5/13,3 A	900 m³/h	28°C	10,5 kg
BX 15E		15070 W	15000 W	70 W	0-7,5-15 kW	400 V 3~	11,1/21,9 A	1000 m³/h	42°C	15,0 kg

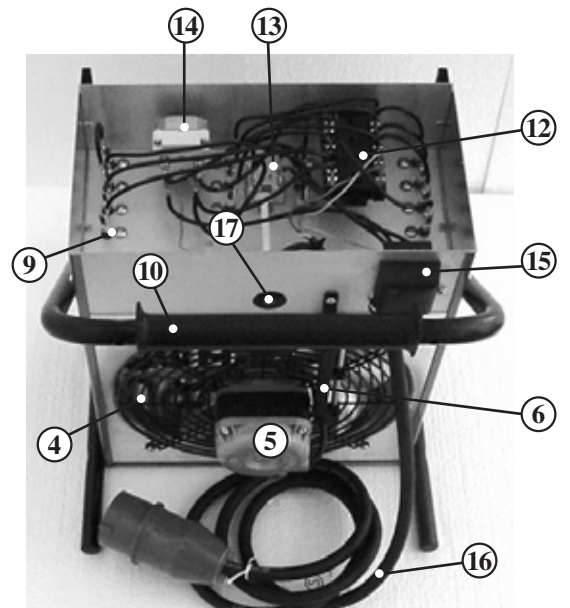
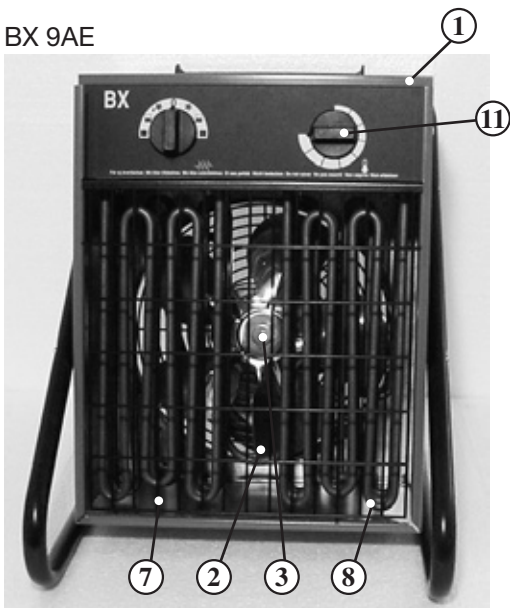
BX 2E-3E



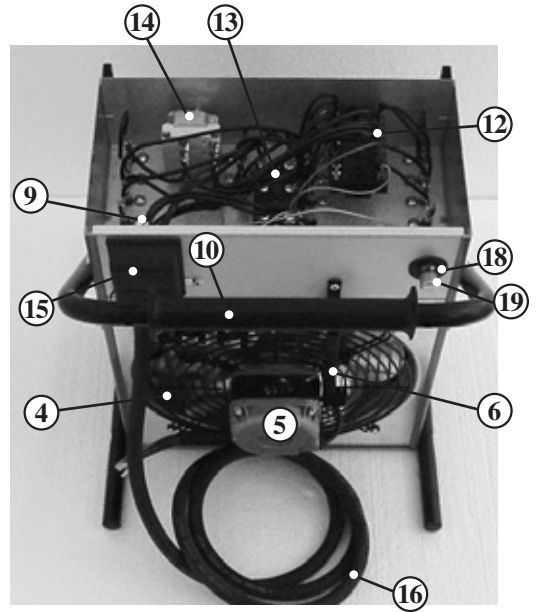
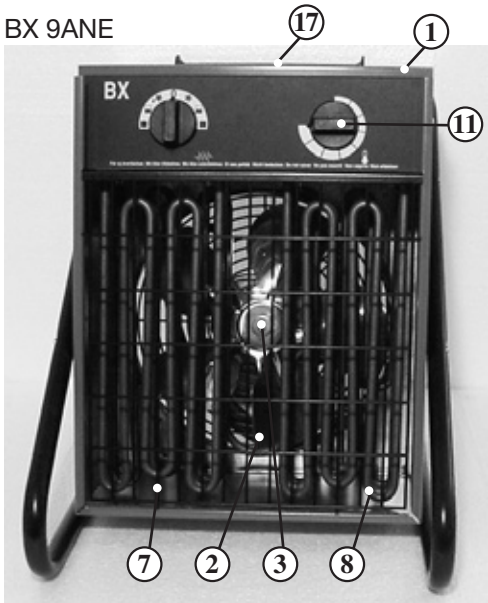
BX 5E



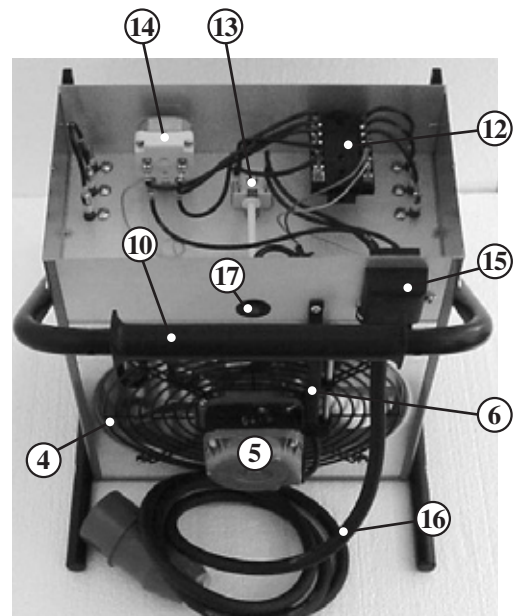
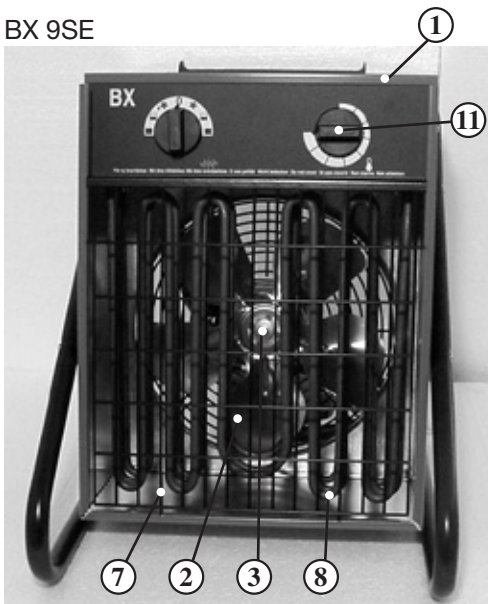
BX 9AE



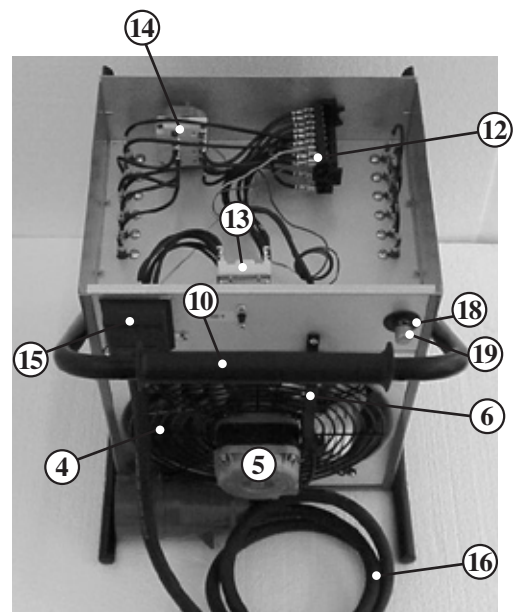
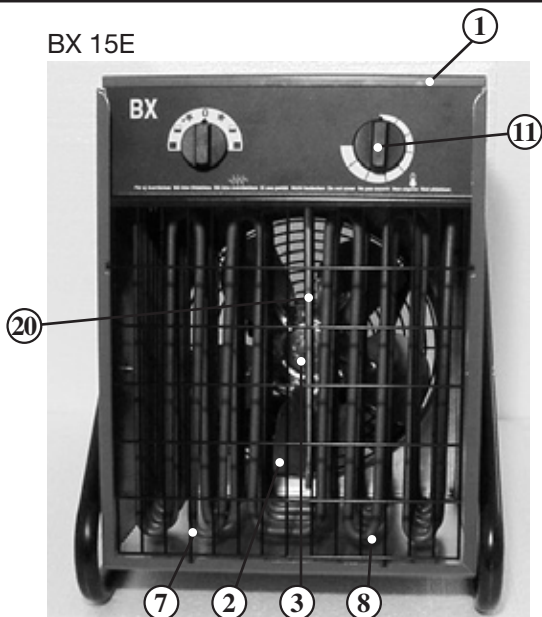
BX 9ANE



BX 9SE



BX 15E





Spare parts/Designation	BX 2E	BX 3E	BX 5E	BX 5E	BX 5E	BX 9AE	BX 9ANE	BX 9SE	BX 15E
	230 V ~	230 V ~	230 V ~	230 V 3 ~	400 V 3N ~	400 V 3 ~	230 V 3 ~	400 V 3 ~	400 V 3 ~
1. Cover	104750	104750	104922	104922	104922	104783	104763	104783	104759
2. Fanblade	104649	104680	104638	104638	104638	104643	104643	104643	104644
3. Central hube	102135	102135	102135	102135	102135	102135	102135	102135	102135
4. Protective grille, fan	104527	104527	104527	104527	104527	104519	104519	104519	104519
5. Fan motor	104637	104637	104637	104637	104637	104631	104658	104631	104631
6. Cable guard	104745	104745	104745	104745	104745	104745	104745	104745	104745
7. Protective grill	102068	102068	102068	102068	102068	101914	101914	101914	101914
8. Element	804022(2x)	804059(2x)	804021(3x)	804021(3x)	804021(3x)	804057(6x)	804057(6x)	804055(3x)	804037(6x)
9. Series resistor	-	-	-	-	-	804056	804058	-	-
10. Handle	102076	102076	102076	102076	102076	101934	101934	101934	101934
11. Knob	102108(2x)	102108(2x)	102108(2x)	102108(2x)	102108(2x)	101664(2x)	¹⁰¹⁶⁶⁴ ₁₀₃₄₇₆	101664(2x)	103476(2x)
12. Switch	102066	102066	102066	102066	102065	102055	102055	102066	102055
13. Overheating cut-out	101775	101775	101266	101266	101266	101266	101109	101266	103499
14. Thermostat	101778	101778	104833	104833	104833	104833	104834	104833	104834
15. Connection box	101359	101359	101347	101348	101348	101909	101516	101909	101516
16. Cable set compl.	101431	101431	101414	102118	102085	101910	104666	101910	103475
17. Reset button	104746	104746	104657	104657	104657	104785	104749	104785	-
18. Bulb holder	-	-	-	-	-	-	101917	-	101917
19. Fuse	-	-	-	-	-	-	181128	-	181128
20. Holder	-	-	-	-	-	-	-	-	101849



Ersatzteile/Bezeichnung	BX 2E	BX 3E	BX 5E	BX 5E	BX 5E	BX 9AE	BX 9ANE	BX 9SE	BX 15E
	230 V ~	230 V ~	230 V ~	230 V 3 ~	400 V 3N ~	400 V 3 ~	230 V 3 ~	400 V 3 ~	400 V 3 ~
1. Dechel	104750	104750	104922	104922	104922	104783	104763	104783	104759
2. Gebläseflügel	104649	104680	104638	104638	104638	104643	104643	104643	104644
3. Zentrunnabe	102135	102135	102135	102135	102135	102135	102135	102135	102135
4. Schutzgitter, Gebläse	104527	104527	104527	104527	104527	104519	104519	104519	104519
5. Gebläsemotor	104637	104637	104637	104637	104637	104631	104658	104631	104631
6. Kabelschutz	104745	104745	104745	104745	104745	104745	104745	104745	104745
7. Schutzgitter	102068	102068	102068	102068	102068	101914	101914	101914	101914
8. Heizelement	804022(2x)	804059(2x)	804021(3x)	804021(3x)	804021(3x)	804057(6x)	804057(6x)	804055(3x)	804037(6x)
9. Serienwiderstand	-	-	-	-	-	804056	804058	-	-
10. Handgriff	102076	102076	102076	102076	102076	101934	101934	101934	101934
11. Drehschalter	102108(2x)	102108(2x)	102108(2x)	102108(2x)	102108(2x)	101664(2x)	¹⁰¹⁶⁶⁴ ₁₀₃₄₇₆	101664(2x)	103476(2x)
12. Schalter	102066	102066	102066	102066	102065	102055	102055	102066	102055
13. Überhitzungsschutz	101775	101775	101266	101266	101266	101266	101109	101266	103499
14. Thermostat	101778	101778	104833	104833	104833	104833	104834	104833	104834
15. Anschlußkästen	101359	101359	101347	101348	101348	101909	101516	101909	101516
16. Kabel kompl.	101431	101431	101414	102118	102085	101910	104666	101910	103475
17. Rückstellknopf	104746	104746	104657	104657	104657	104785	104749	104785	-
18. Bulbhalter	-	-	-	-	-	-	101917	-	101917
19. Sperring	-	-	-	-	-	-	181128	-	181128
20. Bulbhalter	-	-	-	-	-	-	-	-	101849