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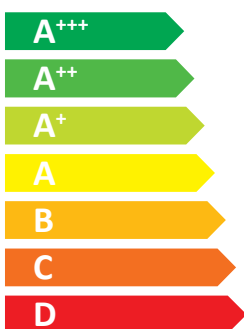


METROSAVER MB F6



55 °C

35 °C



A+++

A+++



42 dB



dB

6
6
6
kW

6
6
6
kW



2019

811/2013

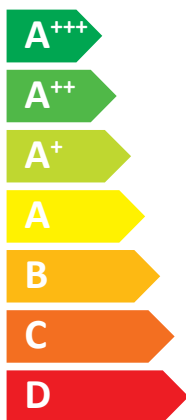


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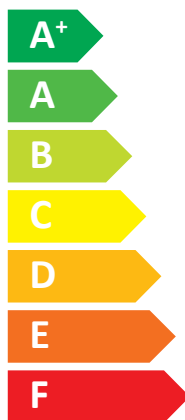
Y IJA
IE IA



METROSAVER MB F6



A+++



A



42 dB



dB



6 kW
6 kW
6 kW

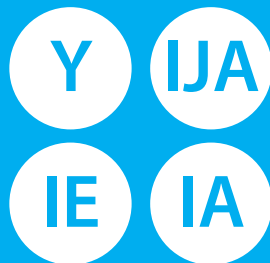
2019

811/2013



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METROSAVER MB F6



A+++



A



A+++

A++

A+

A

B

C

D

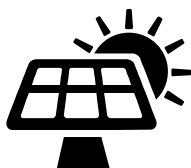
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A

Supplier's name:	METRO THERM A/S		
Model:	Metrosaver MB F6		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	5,5	5,5	kW
Annual energy consumption for space heating, average climate	2188	2875	kWh
Annual electricity consumption for water heating, average climate	1642		kWh
Seasonal space heating energy efficiency, average climate:	200	150	%
Water heating energy efficiency, average climate:	102		%
Sound power level LWA indoors	42		dB
Rated heat output, cold climate:	5,5	5,5	kW
Rated heat output, warm climate:	5,5	5,5	kW
Annual energy consumption for space heating, cold climate	2481	3287	kWh
Annual electricity consumption for water heating, cold climate	1642		kWh
Annual energy consumption for space heating, warm climate	1408	1852	kWh
Annual electricity consumption for water heating, warm climate	1642		kWh
Seasonal space heating energy efficiency, cold climate:	211	157	%
Water heating energy efficiency, cold climate:	102		%
Seasonal space heating energy efficiency, warm climate:	201	151	%
Water heating energy efficiency, warm climate:	102		%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	VII		
Controller contribution to efficiency	3,5		%
Seasonal space heating energy efficiency of package, average climate:	204	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	215	161	%
Seasonal space heating energy efficiency of package, warm climate:	205	155	%

Model(s):				Metrosaver MB F6							
Type of heat source/sink:				Brine-to-water							
Low-temperature heat pump:				No							
Equipped with supplementary heater:				Yes							
Heat pump combination heater:				Yes							
Climate condition:				Average							
Temperature application:				Medium temperature (55 °C)							
Applied standards: EN14825 and EN16147											
Rated heat output			Prated	5,5	kW	Seasonal space heating energy efficiency			ηs	150	%
Declared capacity for part load at outdoor temperature Tj						Declared coefficient of performance for part load at outdoor temperature Tj					
Tj = -7 °C	Pdh	5,0	kW	Tj = -7 °C			COPd	3,06	-		
Tj = +2 °C	Pdh	3,0	kW	Tj = +2 °C			COPd	3,97	-		
Tj = +7 °C	Pdh	2,0	kW	Tj = +7 °C			COPd	4,63	-		
Tj = +12 °C	Pdh	1,2	kW	Tj = +12 °C			COPd	4,86	-		
Tj = biv	Pdh	5,4	kW	Tj = biv			COPd	2,84	-		
Tj = TOL	Pdh	5,4	kW	Tj = TOL			COPd	2,84	-		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)			COPd		-		
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature			TOL	-10	°C		
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency			COPcyc		-		
Degradation co-efficient	Cdh	0,99	-	temperature			WTOL	65	°C		
Power consumption in modes other than active mode						Supplementary heater					
Off mode	P _{OFF}	0,002	kW	Rated heat output			Psup	0,1	kW		
Thermostat-off mode	P _{TO}	0,007	kW								
Standby mode	P _{SB}	0,007	kW	Type of energy input			Electric				
Crankcase heater mode	P _{CK}	0,009	kW								
Other items											
Capacity control	fixed			Rated air flow rate, outdoors					m³/h		
Sound power level, indoors/outdoors	L _{WA}	42/-	dB								
Annual energy consumption	Q _{HE}	2875	kWh	Rated brine or water flow rate, outdoor heat exchanger				0,68	m³/h		
For heat pump combination heater:											
Declared load profile			XL			Water heating energy efficiency			η _{wh}	102	%
Daily electricity consumption	Q _{elec}	7,48	kWh	Daily fuel consumption			Q _{fuel}		kWh		
Annual electricity consumption	AEC	1642	kWh	Annual fuel consumption			AFC		GJ		
Approved by:											
Contact details			METRO THERM A/S Rundinsvej 55 DK-3200 Helsingør www.metrotherm.dk								