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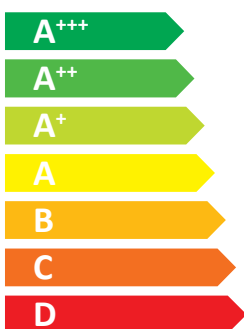


METROSAVER MB 6



55 °C

35 °C



A++

A+++



43 dB



dB

■ 6
■ 6
■ 6
kW

■ 7
■ 7
■ 7
kW



2019

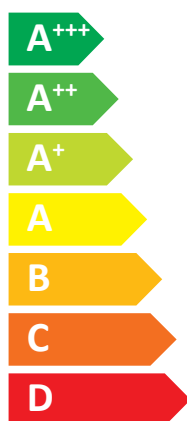
811/2013



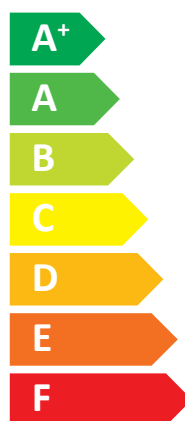
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METROSAVER MB 6



A++



A



43 dB



dB



6 kW
6 kW
6 kW

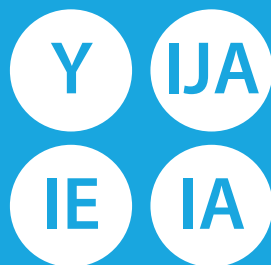
2019

811/2013



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METROSAVER MB 6



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

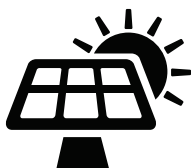
D

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 6		
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:	7	6	kW
Annual energy consumption for space heating, average climate	3010	3425	kWh
Annual electricity consumption for water heating, average climate	1709		kWh
Seasonal space heating energy efficiency, average climate:	184	137	%
Water heating energy efficiency, average climate:	98		%
Sound power level LWA indoors	43		dB
Rated heat output, cold climate:	7	6	kW
Rated heat output, warm climate:	7	6	kW
Annual energy consumption for space heating, cold climate	3487	3969	kWh
Annual electricity consumption for water heating, cold climate	1709		kWh
Annual energy consumption for space heating, warm climate	1964	2233	kWh
Annual electricity consumption for water heating, warm climate	1709		kWh
Seasonal space heating energy efficiency, cold climate:	190	141	%
Water heating energy efficiency, cold climate:	98		%
Seasonal space heating energy efficiency, warm climate:	182	136	%
Water heating energy efficiency, warm climate:	98		%
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:	188	140	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	193	145	%
Seasonal space heating energy efficiency of package, warm climate:	186	139	%

Model(s):				Metrosaver MB 6							
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	6,0	kW	Seasonal space heating energy efficiency			η_s	137	%
<i>Declared capacity for part load at outdoor temperature Tj</i>						<i>Declared coefficient of performance for part load at outdoor temperature Tj</i>					
Tj = -7 °C	Pdh	4,8	kW	Tj = -7 °C			COPd	3,18	-		
Tj = +2 °C	Pdh	5,3	kW	Tj = +2 °C			COPd	3,69	-		
Tj = +7 °C	Pdh	5,6	kW	Tj = +7 °C			COPd	4,02	-		
Tj = +12 °C	Pdh	6,0	kW	Tj = +12 °C			COPd	4,29	-		
Tj = biv	Pdh	4,9	kW	Tj = biv			COPd	3,30	-		
Tj = TOL	Pdh	4,5	kW	Tj = TOL			COPd	2,96	-		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)			COPd		-		
Bivalent temperature	Tbiv	-5,3	°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		
<i>Power consumption in modes other than active mode</i>						<i>Supplementary heater</i>					
Off mode	P _{OFF}	0,002	kW	Rated heat output			Psup	1,5	kW		
Thermostat-off mode	P _{TO}	0,01	kW								
Standby mode	P _{SB}	0,007	kW	Type of energy input			Electric				
Crankcase heater mode	P _{CK}	0,014	kW								
<i>Other items</i>											
Capacity control	fixed			Rated air flow rate, outdoors						m³/h	
Sound power level, indoors/outdoors	L _{WA}	43/-	dB	Rated water flow rate, indoor heat exchanger				0,90		m³/h	
Annual energy consumption	Q _{HE}	3425	kWh	Rated brine or water flow rate, outdoor heat exchanger				0,90		m³/h	
<i>For heat pump combination heater:</i>											
Declared load profile			XL			Water heating energy efficiency			η_{wh}	98	%
Daily electricity consumption	Q _{elec}	7,78	kWh	Daily fuel consumption			Q _{fuel}			kWh	
Annual electricity consumption	AEC	1709	kWh	Annual fuel consumption			AFC			GJ	
Approved by:											
Contact details			METRO THERM A/S Rundinsvej 55 DK-3200 Helsingør www.metrotherm.dk								