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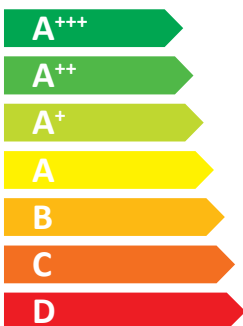


METROSAVER UB 6



55 °C

35 °C



A++

A+++



43 dB



dB

■ 6
■ **6**
■ 6
kW

■ 7
■ **7**
■ 7
kW



2019

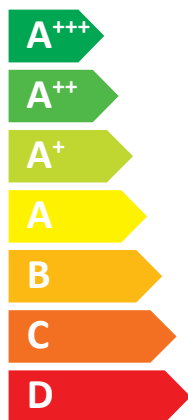
811/2013



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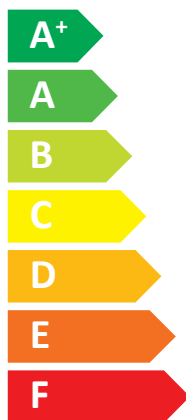
METROSAVER UB 6+METROSAVER300



A++



XXL



A



43 dB



dB



6 kW
6 kW
6 kW

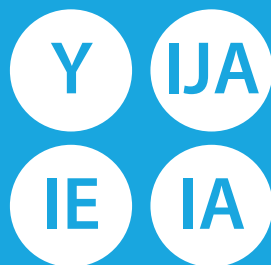
2019

811/2013



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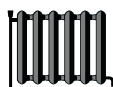
METROSAVER UB 6 + METROSAVER 300



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

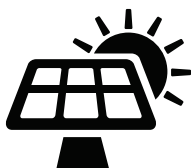
E

F

G

A⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A

Supplier's name:	METRO THERM A/S		
Model:	Metrosaver UB 6 + Metrosaver 300		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
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	2025		kWh
Seasonal space heating energy efficiency, average climate:	184	137	%
Water heating energy efficiency, average climate:	106		%
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	2025		kWh
Annual energy consumption for space heating, warm climate	1964	2233	kWh
Annual electricity consumption for water heating, warm climate	2025		kWh
Seasonal space heating energy efficiency, cold climate:	190	141	%
Water heating energy efficiency, cold climate:	106		%
Seasonal space heating energy efficiency, warm climate:	182	136	%
Water heating energy efficiency, warm climate:	106		%
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 UB 6 + Metrosaver 300							
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 T_j</i>						<i>Declared coefficient of performance for part load at outdoor temperature T_j</i>					
T _j = -7 °C	P _{dh}	4,8	kW	T _j = -7 °C			COP _d	3,18	-		
T _j = +2 °C	P _{dh}	5,3	kW	T _j = +2 °C			COP _d	3,69	-		
T _j = +7 °C	P _{dh}	5,6	kW	T _j = +7 °C			COP _d	4,02	-		
T _j = +12 °C	P _{dh}	6,0	kW	T _j = +12 °C			COP _d	4,29	-		
T _j = biv	P _{dh}	4,9	kW	T _j = biv			COP _d	3,30	-		
T _j = TOL	P _{dh}	4,5	kW	T _j = TOL			COP _d	2,96	-		
T _j = -15 °C (if TOL < -20 °C)	P _{dh}		kW	T _j = -15 °C (if TOL < -20 °C)			COP _d		-		
Bivalent temperature			T _{biv}	-5,3	°C	Operation limit temperature			TOL	-10	°C
Cycling interval capacity for heating			P _{cyh}		kW	Cycling interval efficiency			COP _{cyh}		-
Degradation co-efficient			C _{dh}	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			P _{sup}	1,5	kW		
Thermostat-off mode	P _{TO}	0,01	kW	Type of energy input						Electric	
Standby mode	P _{SB}	0,007	kW								
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				0,49	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			XXL			Water heating energy efficiency			η _{wh}	106	%
Daily electricity consumption			Q _{elec}	9,22	kWh	Daily fuel consumption			Q _{fuel}		kWh
Annual electricity consumption			AEC	2025	kWh	Annual fuel consumption			AFC		GJ
Approved by:											
Contact details			METRO THERM A/S Rundinsvej 55 DK-3200 Helsingør www.metrotherm.dk								