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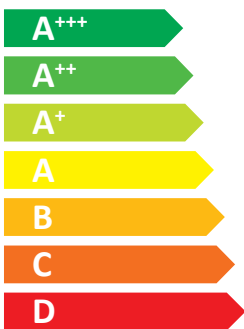


METROAIR F6



55 °C

35 °C



A++

A+++



dB



50 dB

6
5
5
kW

4
5
4
kW



2019

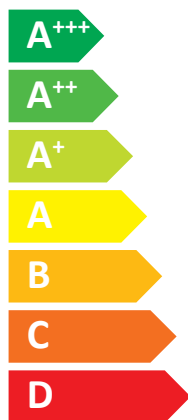
811/2013



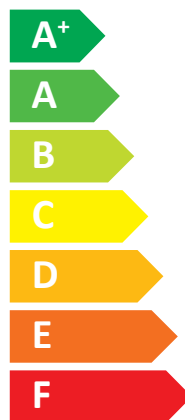
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METROAIR F6 + METROAIR 330



A++



A



35 dB



50 dB



■ 6 kW
■ 5 kW
■ 5 kW

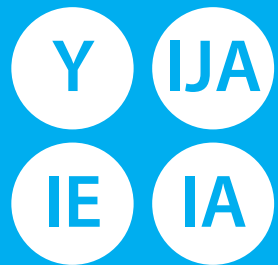
2019

811/2013



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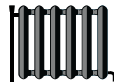
METROAIR F6 + METROAIR 330



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

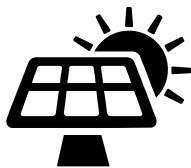
E

F

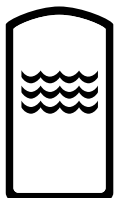
G

A⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F


G

A

Supplier's name:	METRO THERM A/S		
Model:	METROAIR F6 + METROAIR 330		
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:	5,0	5,0	kW
Annual energy consumption for space heating, average climate	2089	3248	kWh
Annual electricity consumption for water heating, average climate	1833		kWh
Seasonal space heating energy efficiency, average climate:	188	131	%
Water heating energy efficiency, average climate:	91		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	4,0	6,0	kW
Rated heat output, warm climate:	4,0	5,0	kW
Annual energy consumption for space heating, cold climate	2694	4610	kWh
Annual electricity consumption for water heating, cold climate	2332		kWh
Annual energy consumption for space heating, warm climate	872	1398	kWh
Annual electricity consumption for water heating, warm climate	1485		kWh
Seasonal space heating energy efficiency, cold climate:	143	116	%
Water heating energy efficiency, cold climate:	72		%
Seasonal space heating energy efficiency, warm climate:	252	179	%
Water heating energy efficiency, warm climate:	113		%
Sound power level LWA outdoors	50		dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	192	135	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	147	120	%
Seasonal space heating energy efficiency of package, warm climate:	256	183	%

Model(s):				METROAIR F6 + METROAIR 330				<div></div>			
Type of heat source/sink:				Air-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	5,3	kW	Seasonal space heating energy efficiency			ηs	131	%
<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	4,7	kW	Tj = -7 °C			COPd	1,88	-
Tj = +2 °C			Pdh	2,8	kW	Tj = +2 °C			COPd	3,26	-
Tj = +7 °C			Pdh	1,8	kW	Tj = +7 °C			COPd	4,72	-
Tj = +12 °C			Pdh	2,7	kW	Tj = +12 °C			COPd	6,47	-
Tj = biv			Pdh	4,7	kW	Tj = biv			COPd	1,88	-
Tj = TOL			Pdh	4,1	kW	Tj = TOL			COPd	1,77	-
Tj = -15 °C (if TOL < -20 °C)			Pdh	-	kW	Tj = -15 °C (if TOL < -20 °C)			COPd		-
Bivalent temperature			Tbiv	-7	°C	Operation limit temperature			TOL	-10	°C
Cycling interval capacity for heating			Pcyc		kW	Cycling interval efficiency			COPcyc		-
Degradation co-efficient			Cdh	0,99	-	Heating water operating limit			WTOL	58	°C
<i>Power consumption in modes other than active mode</i>						<i>Supplementary heater</i>					
Off mode			P _{OFF}	0,007	kW	Rated heat output			Psup	1,2	kW
Thermostat-off mode			P _{TO}	0,012	kW						
Standby mode			P _{SB}	0,012	kW	Type of energy input			Electric		
Crankcase heater mode			P _{CK}	0	kW						
<i>Other items</i>											
Capacity control			variable			Rated air flow rate, outdoors				2526	m³/h
Sound power level, indoors/outdoors			L _{WA}	35/50	dB	Rated water flow rate, indoor heat exchanger					m³/h
Annual energy consumption			Q _{HE}	3248	kWh	Rated brine or water flow rate, outdoor heat exchanger					m³/h
<i>For heat pump combination heater:</i>											
Declared load profile			XL			Water heating energy efficiency			η _{wh}	91	%
Daily electricity consumption			Q _{elec}	8,59	kWh	Daily fuel consumption			Q _{fuel}		kWh
Annual electricity consumption			AEC	1833	kWh	Annual fuel consumption			AFC		GJ
Approved by:											
Contact details			METRO THERM A/S Rundinsvej 55 DK-3220 Helsingør www.metrotherm.dk								