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METRO THERM

METROAIR L6



55 °C

35 °C



A++

A++



35 dB



51 dB



kW



kW



2015

811/2013

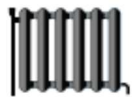


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Y IJA
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METRO THERM

METROAIR L6 + SHK200S-6



55°C



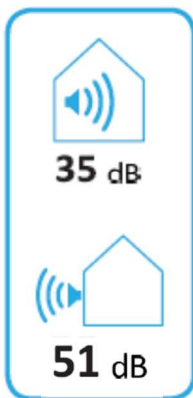
XL



A++



A



2015

811/2013



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METRO THERM

METROAIR L6

35 °C



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METRO THERM

METROAIR L6 + SHK200S-6



A+

A



55 °C

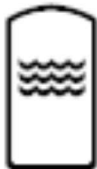


A++

+



+



+



+



XL




A

Supplier's name:	METRO THERM		
Model:	METROAIR L6 + SHK200S-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:	5	5	kW
Annual energy consumption for space heating, average climate	2089	3248	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	188	131	%
Water heating energy efficiency, average climate:	99		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	4	6	kW
Rated heat output, warm climate:	4	5	kW
Annual energy consumption for space heating, cold climate	2694	4610	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	872	1398	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	143	116	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	252	179	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	51		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 L6 + SHK200S-6									
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, EN16147											
Rated heat output		Prated	5,3	kW	Seasonal space heating energy efficiency		η_s	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	kW				
Tj = +2 °C	Pdh	2,8	kW	Tj = +2 °C	COPd	3,26	kW				
Tj = +7 °C	Pdh	1,8	kW	Tj = +7 °C	COPd	4,72	kW				
Tj = +12 °C	Pdh	2,7	kW	Tj = +12 °C	COPd	6,47	kW				
Tj = biv	Pdh	4,7	kW	Tj = biv	COPd	1,88	kW				
Tj = TOL	Pdh	4,1	kW	Tj = TOL	COPd	1,77	kW				
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW				
Bivalent temperature				T _{biv}	-7	°C	Operation limit temperature		TOL	-10	°C
Cycling interval capacity for heating				P _{ych}		kW	Cycling interval efficiency		COP _{yc}		-
Degradation co-efficient				C _{dh}	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		P _{sup}	1,2	kW			
Thermostat-off mode	P _{TO}	0,012	kW	Type of energy input		Electric					
Standby mode	P _{SB}	0,012	kW	Crankcase heater mode		P _{CK}	0	kW			
<i>Other items</i>											
Capacity control	variable			Rated air flow rate, outdoors			2526	m ³ /h			
Sound power level, indoors/outdoors	L _{WA}	35/51	dB	Rated water flow rate, indoor heat exchanger				m ³ /h			
Annual energy consumption	Q _{HE}	3248	kWh	Rated brine or water flow rate, outdoor heat exchanger				m ³ /h			
<i>For heat pump combination heater:</i>											
Declared load profile		XL		Water heating energy efficiency		η_{wh}	99	%			
Daily electricity consumption	Q _{elec}		kWh	Daily fuel consumption		Q _{fuel}		kWh			
Annual electricity consumption	AEC		kWh	Annual fuel consumption		AFC		GJ			
Approved by:											
Contact details		METRO THERM A/S Rundinsvej 55, 3200 Helsingør, Denmark									