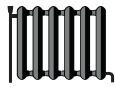




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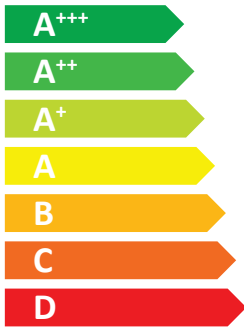
NIBE

AMS 10-8 + BA-SVM20-200-12 E



55 °C

35 °C



A++

A++



31 dB



53 dB

10
7
8
kW

9
7
8
kW



2019

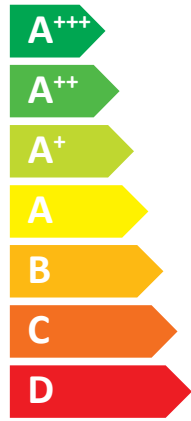
811/2013



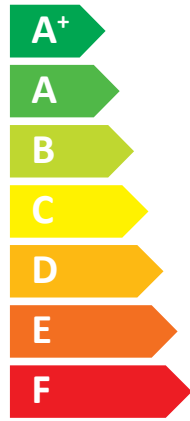
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NIBE

AMS10-8 + BA-SVM20-200-12 E



A++



A

31 dB
 52 dB



- 10 kW
- 7 kW
- 8 kW

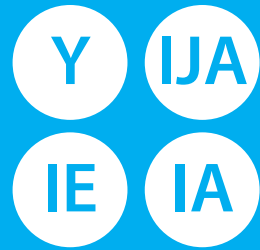
2019

811/2013



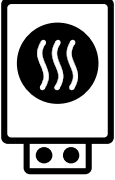







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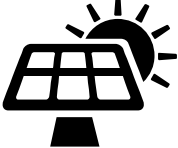
енергия · ενέργεια





NIBE


AMS10-8 + BA-SVM20-200-12 E













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Supplier's name:	NIBE		
Model:	AMS10-8+BA-SVM20-200-12 E		
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	7	kW
Annual energy consumption for space heating, average climate	3622	4486	kWh
Annual electricity consumption for water heating, average climate	1557		kWh
Seasonal space heating energy efficiency, average climate:	152	126	%
Water heating energy efficiency, average climate:	108		%
Sound power level LWA indoors	31		dB
Rated heat output, cold climate:	9	10	kW
Rated heat output, warm climate:	8	8	kW
Annual energy consumption for space heating, cold climate	6292	9016	kWh
Annual electricity consumption for water heating, cold climate	1941		kWh
Annual energy consumption for space heating, warm climate	1879	2371	kWh
Annual electricity consumption for water heating, warm climate	1278		kWh
Seasonal space heating energy efficiency, cold climate:	138	106	%
Water heating energy efficiency, cold climate:	86		%
Seasonal space heating energy efficiency, warm climate:	224	177	%
Water heating energy efficiency, warm climate:	131		%
Sound power level LWA outdoors	52		dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	156	130	%
Seasonal space heating energy efficiency class for package, average climate:	A++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	142	110	%
Seasonal space heating energy efficiency of package, warm climate:	228	181	%

Model(s):	AMS10-8+BA-SVM20-200-12 E			NIBE			
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	7,0	kW	Seasonal space heating energy efficiency	η_s	126	%
<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	5,7	kW	Tj = -7 °C	COPd	2,01	-
Tj = +2 °C	Pdh	3,9	kW	Tj = +2 °C	COPd	3,20	-
Tj = +7 °C	Pdh	2,6	kW	Tj = +7 °C	COPd	4,21	-
Tj = +12 °C	Pdh	2,0	kW	Tj = +12 °C	COPd	5,18	-
Tj = biv	Pdh	5,7	kW	Tj = biv	COPd	2,01	-
Tj = TOL	Pdh	5,5	kW	Tj = TOL	COPd	1,78	-
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	P _{cyc}		kW	Cycling interval efficiency	COP _{cyc}		-
Degradation co-efficient	C _{dh}	0,88	-	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}	0,045	kW	Rated heat output	P _{sup}	1,5	kW
Thermostat-off mode	P _{TO}	0,048	kW				
Standby mode	P _{SB}	0,045	kW	Type of energy input	Electric		
Crankcase heater mode	P _{CK}	0,000	kW				
<i>Other items</i>							
Capacity control	variable			Rated air flow rate, outdoors		3000	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	31/52	dB	Rated water flow rate, indoor heat exchanger		0	m ³ /h
Annual energy consumption	Q _{HE}	4486	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}	108	%
Daily electricity consumption	Q _{elec}	7,409	kWh	Daily fuel consumption	Q _{fuel}		kWh
Annual electricity consumption	AEC	1557	kWh	Annual fuel consumption	AFC		GJ
Approved by:							
Contact details	© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden						