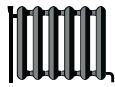




**ENERG** Y IJA  
енергия · ενεργεια IE IA

**NIBE**

AMS10-6 + BA-SVM20-200-6



55 °C

35 °C



**A++**

**A+++**



**35** dB



**51** dB



kW

kW



2019

811/2013

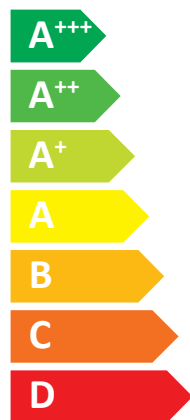


**ENERG**  
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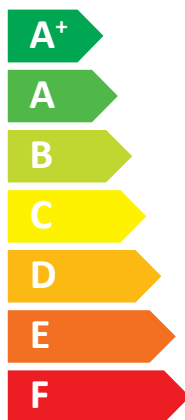


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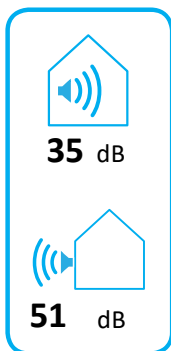
AMS10-6 + BA-SVM20-200-6



**A++**



**A**



2019

811/2013



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Y

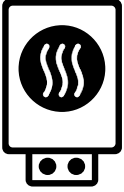




IJA

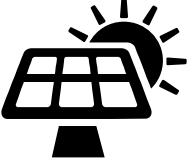
IE


IA


**NIBE**

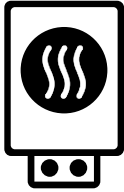
## AMS10-6 + BA-SVM20-200-6













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Supplier's name:	NIBE AB		
Model:	NIBE AMS10-6 + BA-SVM20-200-6		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	<b>A+++</b>	<b>A++</b>	
Water heating energy efficiency class, average climate:	<b>A</b>		
Rated heat output, average climate:	5	5	kW
Annual energy consumption for space heating, average climate	2071	3246	kWh
Annual electricity consumption for water heating, average climate	1564		kWh
Seasonal space heating energy efficiency, average climate:	189	131	%
Water heating energy efficiency, average climate:	107		%
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	2689	4555	kWh
Annual electricity consumption for water heating, cold climate	1876		kWh
Annual energy consumption for space heating, warm climate	247	1670	kWh
Annual electricity consumption for water heating, warm climate	1305		kWh
Seasonal space heating energy efficiency, cold climate:	143	117	%
Water heating energy efficiency, cold climate:	89		%
Seasonal space heating energy efficiency, warm climate:	254	149	%
Water heating energy efficiency, warm climate:	128		%
Sound power level LWA outdoors	51		dB

#### Data for package fiche

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	193	135	%
Seasonal space heating energy efficiency class for package, average climate:	<b>A+++</b>	<b>A++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	147	121	%
Seasonal space heating energy efficiency of package, warm climate:	258	153	%

<b>Model(s):</b>		<b>NIBE AMS10-6 + BA-SVM20-200-6</b>							
Type of heat source/sink:		Air/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: EN 14825:2022, EN 16147:2017+A1:2022, EN 12102-1:2022									
<b>Rated heat output</b>		Prated	5,3	kW	<b>Seasonal space heating energy efficiency</b>		$\eta_s$	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			
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				T <sub>biv</sub>	-7	°C	Operation limit temperature		
Cycling interval capacity for heating				P <sub>cyh</sub>		kW	Cycling interval efficiency		
Degradation co-efficient				Cdh	0,97	-	Heating water operating limit		
							WTOL		
							58		
							°C		
							-		
							°C		
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>					
Off mode	P <sub>OFF</sub>	0,007	kW	Rated heat output		P <sub>sup</sub>	1,2	kW	
Thermostat-off mode	P <sub>TO</sub>	0,012	kW						
Standby mode	P <sub>SB</sub>	0,012	kW	Type of energy input		Electric			
Crankcase heater mode	P <sub>CK</sub>	0,000	kW						
<i>Other items</i>									
Capacity control	Variable			Rated air flow rate, outdoors			2526	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	35/51	dB	Rated water flow rate, indoor heat exchanger				m <sup>3</sup> /h	
Annual energy consumption	Q <sub>HE</sub>	3246	kWh	Rated brine or water flow rate, outdoor heat exchanger				m <sup>3</sup> /h	
<i>For heat pump combination heater:</i>									
<b>Declared load profile</b>		<b>XL</b>		<b>Water heating energy efficiency</b>		$\eta_{wh}$	107	%	
Daily electricity consumption	Q <sub>elec</sub>	7,360	kWh	Daily fuel consumption		Q <sub>fuel</sub>		kWh	
Annual electricity consumption	AEC	1564	kWh	Annual fuel consumption		AFC		GJ	
<b>Contact details</b>		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							