



# ENERG

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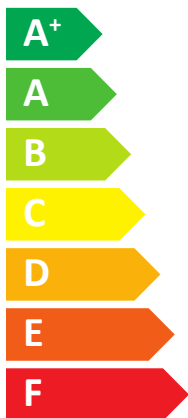


NIBE

AMS10-6 + BA-SVM10-200/6 R



A<sup>++</sup>



A

Two icons showing sound power levels. The top icon shows a speaker inside a house with the text "35 dB". The bottom icon shows a speaker outside a house with the text "51 dB".



A legend for power consumption with three colored squares: dark blue for "06 kW", medium blue for "05 kW", and light blue for "05 kW".



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NIBE

AMS10-6 + BA-SVM10-200/6 R

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Supplier's name:	<b>NIBE</b>		
Model:	<b>AMS10-6 + BA-SVM10-200/6 R</b>		
Temperature application	<b>35</b>	<b>55</b>	°C
Declared load profile for water heating	<b>XL</b>		
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	2089	3248	kWh
Annual electricity consumption for water heating, average climate	1890		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	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	2397		kWh
Annual energy consumption for space heating, warm climate	872	1398	kWh
Annual electricity consumption for water heating, warm climate	1537		kWh
Seasonal space heating energy efficiency, cold climate:	143	116	%
Water heating energy efficiency, cold climate:	70		%
Seasonal space heating energy efficiency, warm climate:	252	179	%
Water heating energy efficiency, warm climate:	109		%
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:	<b>A+++</b>	<b>A++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	147	120	%
Seasonal space heating energy efficiency of package, warm climate:	256	183	%

<b>Model(s):</b>				<b>AMS10-6 + BA-SVM10-200/6 R</b>								
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, EN 14511 and EN 12102												
<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	0,99	-		Heating water operating limit				
								WTOL	58	°C		
<i>Power consumption in modes other than active mode</i>								<i>Supplementary heater</i>				
Off mode	P <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		Type of energy input				Electric			
Standby mode	P <sub>SB</sub>	0,012	kW									
Crankcase heater mode	P <sub>CK</sub>	0	kW									
<i>Other items</i>												
Capacity control				variable				Rated air flow rate, outdoors				
Sound power level, indoors/outdoors				L <sub>WA</sub>	35/51	dB		Rated water flow rate, indoor heat exchanger				
Annual energy consumption				Q <sub>HE</sub>	3248	kWh		Rated brine or water flow rate, outdoor heat exchanger				
<i>For heat pump combination heater:</i>												
<b>Declared load profile</b>				XL				<b>Water heating energy efficiency</b>				
Daily electricity consumption				Q <sub>elec</sub>	8,59	kWh		Daily fuel consumption				
Annual electricity consumption				AEC	1890	kWh		Annual fuel consumption				
								Q <sub>fuel</sub>		kWh		
								AFC		GJ		
<b>Approved by:</b>												
<b>Contact details</b>				© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								