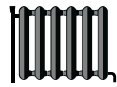




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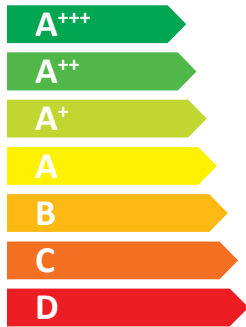


AMS 10-12 + SVM S332-10



55 °C

35 °C



**35** dB



**58** dB

■ 13  
■ **10**  
■ 12  
kW

■ 12  
■ **12**  
■ 12  
kW



2019

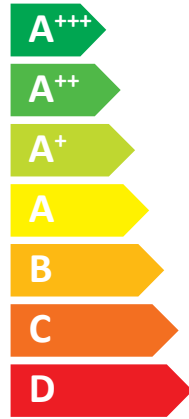
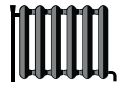
811/2013



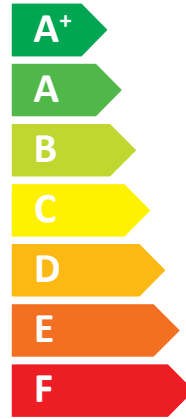
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**NIBE**

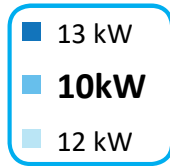
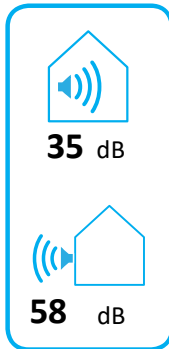
AMS10-12 + SVM S332-10



**A++**



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2019

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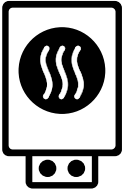




IJA

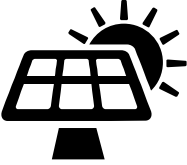
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**NIBE**

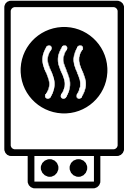
## AMS10-12 + SVM S332-10

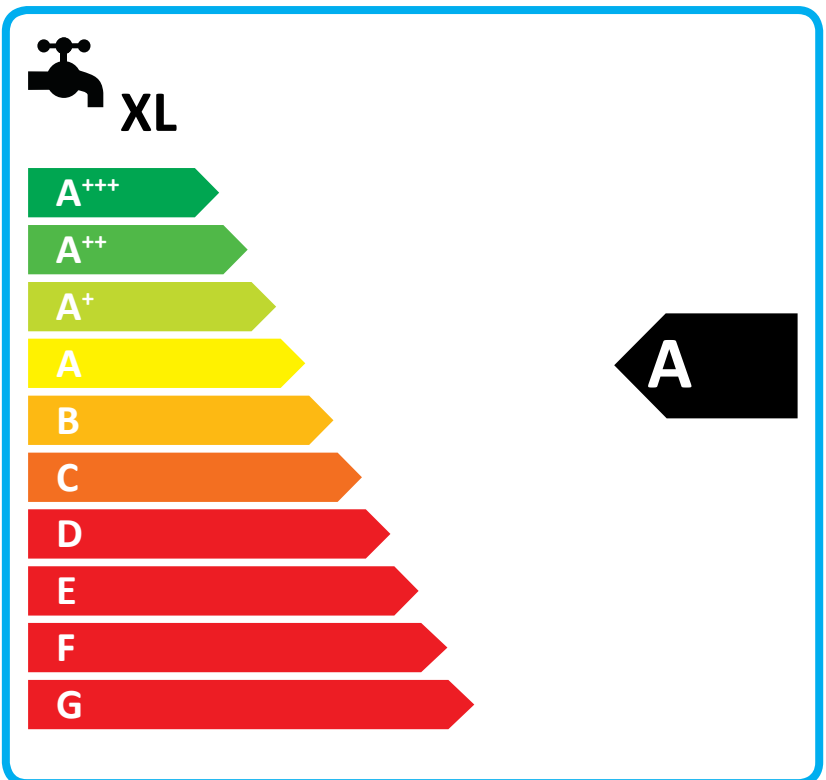
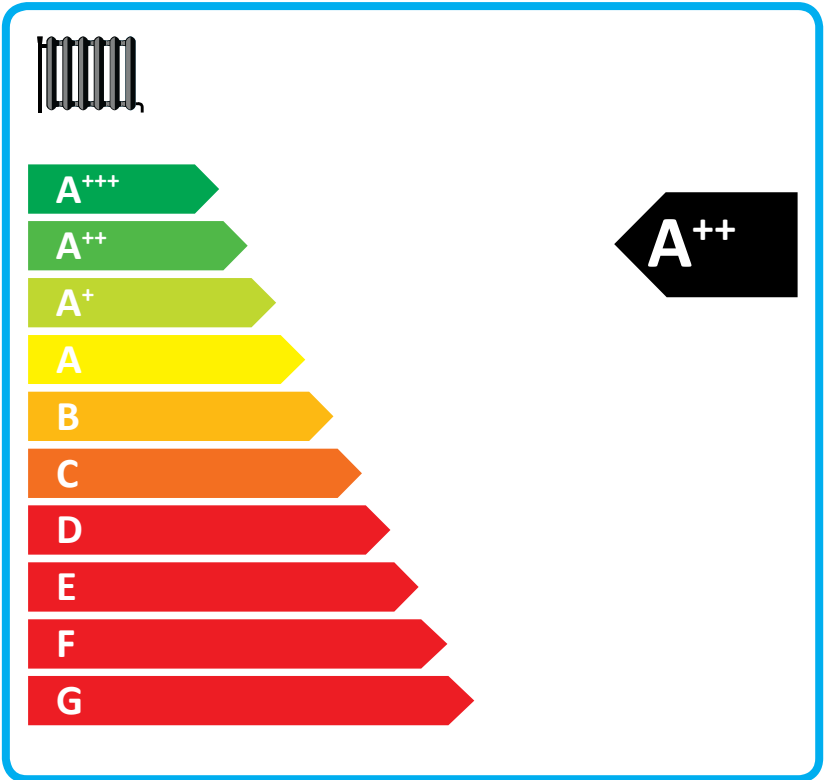






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Supplier's name:	NIBE AB		
Model:	NIBE AMS10-12 + SVM S332-10		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	<b>A+++</b>	<b>A+++</b>	
Water heating energy efficiency class, average climate:	<b>A</b>		
Rated heat output, average climate:	12	10	kW
Annual energy consumption for space heating, average climate	5343	6110	kWh
Annual electricity consumption for water heating, average climate	1627		kWh
Seasonal space heating energy efficiency, average climate:	175	132	%
Water heating energy efficiency, average climate:	103		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	12	13	kW
Rated heat output, warm climate:	12	12	kW
Annual energy consumption for space heating, cold climate	7899	11433	kWh
Annual electricity consumption for water heating, cold climate	2030		kWh
Annual energy consumption for space heating, warm climate	2755	3421	kWh
Annual electricity consumption for water heating, warm climate	1336		kWh
Seasonal space heating energy efficiency, cold climate:	141	109	%
Water heating energy efficiency, cold climate:	82		%
Seasonal space heating energy efficiency, warm climate:	230	184	%
Water heating energy efficiency, warm climate:	125		%
Sound power level LWA outdoors	58		dB

#### Data for package fiche

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	179	136	%
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:	145	113	%
Seasonal space heating energy efficiency of package, warm climate:	234	188	%

<b>Model(s):</b>		<b>NIBE AMS10-12 + SVM S332-10</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	10,0	kW	<b>Seasonal space heating energy efficiency</b>		$\eta_s$	132	%		
<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	8,9	kW	Tj = -7 °C	COPd	1,99					
Tj = +2 °C	Pdh	5,5	kW	Tj = +2 °C	COPd	3,22					
Tj = +7 °C	Pdh	3,6	kW	Tj = +7 °C	COPd	4,61					
Tj = +12 °C	Pdh	5,0	kW	Tj = +12 °C	COPd	6,91					
Tj = biv	Pdh	9,2	kW	Tj = biv	COPd	1,90					
Tj = TOL	Pdh	8,1	kW	Tj = TOL	COPd	1,92					
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd						
Bivalent temperature				T <sub>biv</sub>	-8	°C	Operation limit temperature				
Cycling interval capacity for heating				P <sub>cyh</sub>		kW	Cycling interval efficiency				
Degradation co-efficient				Cdh	0,98	-	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>	0,002	kW	Rated heat output		P <sub>sup</sub>	1,9	kW
Thermostat-off mode				P <sub>TO</sub>	0,014	kW					
Standby mode				P <sub>SB</sub>	0,015	kW	Type of energy input		Electric		
Crankcase heater mode				P <sub>CK</sub>	0,035	kW					
<i>Other items</i>											
Capacity control				Variable			Rated air flow rate, outdoors			4380	m <sup>3</sup> /h
Sound power level, indoors/outdoors				L <sub>WA</sub>	35/58	dB	Rated water flow rate, indoor heat exchanger			0,86	m <sup>3</sup> /h
Annual energy consumption				Q <sub>HE</sub>	6110	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>		$\eta_{wh}$	103	%	
Daily electricity consumption		Q <sub>elec</sub>	7,720	kWh	Daily fuel consumption		Q <sub>fuel</sub>			kWh	
Annual electricity consumption		AEC	1627	kWh	Annual fuel consumption		AFC			GJ	
<b>Contact details</b>		<b>© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden</b>									