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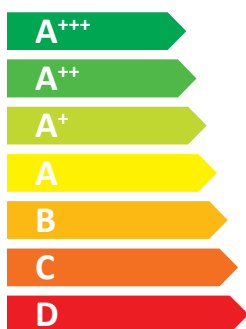
NIBE

AMS20-6 + SVM S332-6



55 °C

35 °C



A++

A+++



35 dB



54 dB

■ 6
■ **6**
■ 5
kW

■ 6
■ **5**
■ 6
kW



2019

811/2013

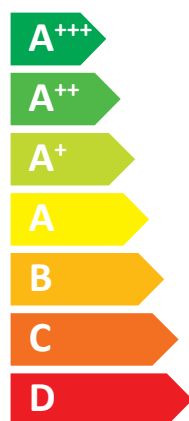


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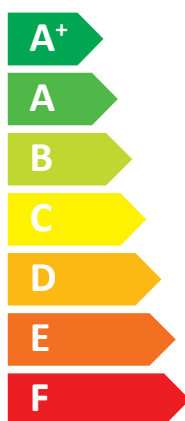
AMS20-6 + SVM S332-6



A⁺⁺



XL



A



35 dB



54 dB



6 kW

6kW

5 kW

2019

811/2013



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Y

IJA

IE

IA

NIBE

AMS20-6 + SVM S332-6



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

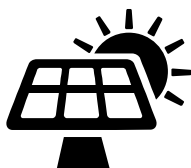
E

F

G

A⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A

Supplier's name:	NIBE AB		
Model:	NIBE AMS20-6 + SVM S332-6		
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	6	kW
Annual energy consumption for space heating, average climate	2116	3250	kWh
Annual electricity consumption for water heating, average climate	1558		kWh
Seasonal space heating energy efficiency, average climate:	200	139	%
Water heating energy efficiency, average climate:	107		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	6	6	kW
Rated heat output, warm climate:	6	5	kW
Annual energy consumption for space heating, cold climate	3487	4604	kWh
Annual electricity consumption for water heating, cold climate	1869		kWh
Annual energy consumption for space heating, warm climate	1110	1617	kWh
Annual electricity consumption for water heating, warm climate	1300		kWh
Seasonal space heating energy efficiency, cold climate:	161	119	%
Water heating energy efficiency, cold climate:	90		%
Seasonal space heating energy efficiency, warm climate:	265	178	%
Water heating energy efficiency, warm climate:	129		%
Sound power level LWA outdoors	54		dB

Data for package fiche

Controller class	CLASS VI		
Controler contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	204	143	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	165	123	%
Seasonal space heating energy efficiency of package, warm climate:	269	182	%

Model(s):		NIBE AMS20-6 + SVM S332-6				NIBE				
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										
Rated heat output		Prated	5,6	kW		Seasonal space heating energy efficiency		η_s	139	%
Declared capacity for part load at outdoor temperature Tj						Declared coefficient of performance for part load at outdoor temperature Tj				
Tj = -7 °C	Pdh	5,0	kW		Tj = -7 °C	COPd	1,95			
Tj = +2 °C	Pdh	2,9	kW		Tj = +2 °C	COPd	3,51			
Tj = +7 °C	Pdh	1,9	kW		Tj = +7 °C	COPd	4,99			
Tj = +12 °C	Pdh	1,7	kW		Tj = +12 °C	COPd	6,33			
Tj = biv	Pdh	5,0	kW		Tj = biv	COPd	1,95			
Tj = TOL	Pdh	4,6	kW		Tj = TOL	COPd	1,75			
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	Pcych		kW		Cycling interval efficiency		COPcyc		-	
Degradation co-efficient	Cdh	0,96	-		Heating water operating limit		WTOL	58	°C	
Power consumption in modes other than active mode					Supplementary heater					
Off mode	P _{OFF}	0,007	kW		Rated heat output		Psup	1,0	kW	
Thermostat-off mode	P _{TO}	0,011	kW							
Standby mode	P _{SB}	0,011	kW		Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,000	kW							
Other items										
Capacity control	Variable				Rated air flow rate, outdoors			2340	m³/h	
Sound power level, indoors/outdoors	L _{WA}	35/54	dB		Rated water flow rate, indoor heat exchanger				m³/h	
Annual energy consumption	Q _{HE}	3250	kWh		Rated brine or water flow rate, outdoor heat exchanger				m³/h	
For heat pump combination heater:										
Declared load profile		XL			Water heating energy efficiency		η_{wh}	107	%	
Daily electricity consumption	Q _{elec}	7,357	kWh		Daily fuel consumption		Q _{fuel}		kWh	
Annual electricity consumption	AEC	1558	kWh		Annual fuel consumption		AFC		GJ	
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								