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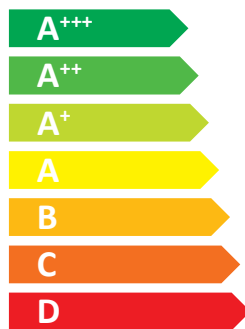


AMS 20-6 + SPLITBOX



55 °C

35 °C



A++

A+++



35 dB



54 dB

■ 6
■ 5
■ 6
kW

■ 6
■ 6
■ 6
kW



2019

811/2013

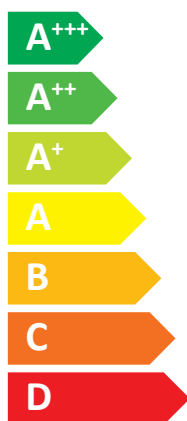


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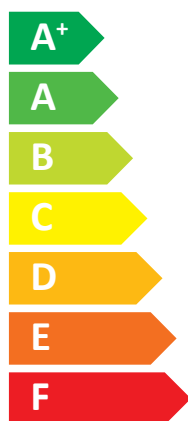
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AMS20-6 + SPLITBOX + VVM S320



A++



A



35 dB



54 dB



6 kW
5kW
6 kW

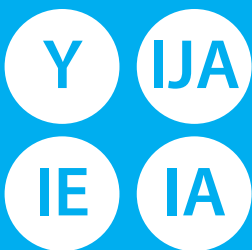
2019

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NIBE

AMS20-6 + SPLITBOX + VVM S320



A++



A



A+++

A++

A+

A

B

C

D

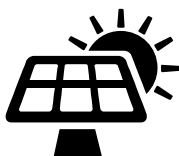
E

F

G

A++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F


G

A

Supplier's name:	NIBE		
Model:	AMS20-6 + SPLITBOX + VVM S320		
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	1890		kWh
Seasonal space heating energy efficiency, average climate:	200	139	%
Water heating energy efficiency, average climate:	89		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	6	6	kW
Rated heat output, warm climate:	6	6	kW
Annual energy consumption for space heating, cold climate	3487	4604	kWh
Annual electricity consumption for water heating, cold climate	2397		kWh
Annual energy consumption for space heating, warm climate	1116	1623	kWh
Annual electricity consumption for water heating, warm climate	1537		kWh
Seasonal space heating energy efficiency, cold climate:	161	119	%
Water heating energy efficiency, cold climate:	70		%
Seasonal space heating energy efficiency, warm climate:	265	178	%
Water heating energy efficiency, warm climate:	109		%
Sound power level LWA outdoors	54		dB

Data for package fiche

Controller class	VI		
Controller 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):		AMS20-6 + SPLITBOX + VVM S320							
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: EN14511, EN14825, EN16147 and EN12102									
Rated heat output		Prated	5,6	kW	Seasonal space heating energy efficiency		ηs	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	2,0	kW		
Tj = +2 °C	Pdh	2,9	kW	Tj = +2 °C	COPd	3,5	kW		
Tj = +7 °C	Pdh	1,9	kW	Tj = +7 °C	COPd	5,0	kW		
Tj = +12 °C	Pdh	1,7	kW	Tj = +12 °C	COPd	6,3	kW		
Tj = biv	Pdh	5,0	kW	Tj = biv	COPd	2,0	kW		
Tj = TOL	Pdh	4,6	kW	Tj = TOL	COPd	1,8	kW		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW		
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature		TOL	-10	°C	
Cycling interval capacity for heating	Pcyc		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		P _{sup}	1,0	kW	
Thermostat-off mode	P _{TO}	0,0112	kW						
Standby mode	P _{SB}	0,0107	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0	kW						
Other items									
Capacity control	variable			Rated air flow rate, outdoors			2526	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}	89	%	
Daily electricity consumption	Q _{elec}	8,59	kWh	Daily fuel consumption		Q _{fuel}		kWh	
Annual electricity consumption	AEC	1890	kWh	Annual fuel consumption		AFC		GJ	
Approved by:									
Contact details		NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							