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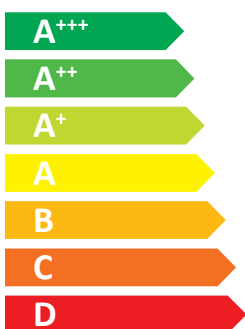
NIBE

NIBE S2125-20



55 °C

35 °C



A+++

A+++



55 dB

■ 14
■ **11**
■ 13
kW

■ 13
■ **11**
■ 13
kW



2019

811/2013

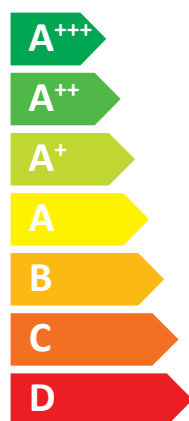


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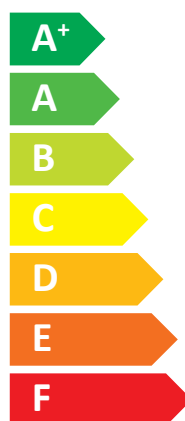
NIBE S2125-20 + VVM S500



A+++



XXL



A



35 dB



55 dB



- 14 kW
- **11 kW**
- 13 kW

2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE S2125-20 + VVM S500



A+++



A



A+++

A++

A+

A

B

C

D

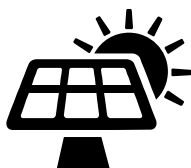
E

F

G

A+++

+



+



+



+



XXL

A+++

A++

A+

A

B

C

D

E

F

G

A

Supplier's name:	NIBE		
Model:	NIBE S2125-20 + VVM S500		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	11	11	kW
Annual energy consumption for space heating, average climate	4288	5569	kWh
Annual electricity consumption for water heating, average climate	1932		kWh
Seasonal space heating energy efficiency, average climate:	209	160	%
Water heating energy efficiency, average climate:	112		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	13	14	kW
Rated heat output, warm climate:	13	13	kW
Annual energy consumption for space heating, cold climate	6958	9360	kWh
Annual electricity consumption for water heating, cold climate	2283		kWh
Annual energy consumption for space heating, warm climate	2751	3622	kWh
Annual electricity consumption for water heating, warm climate	1729		kWh
Seasonal space heating energy efficiency, cold climate:	181	144	%
Water heating energy efficiency, cold climate:	94		%
Seasonal space heating energy efficiency, warm climate:	250	189	%
Water heating energy efficiency, warm climate:	125		%
Sound power level LWA outdoors	55		dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	213	164	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	185	148	%
Seasonal space heating energy efficiency of package, warm climate:	254	193	%

Model(s):		NIBE S2125-20 + VVM S500				<div>NIBE</div>				
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 and EN16147										
Rated heat output		Prated	11,0	kW	Seasonal space heating energy efficiency		ηs	160	%	
Declared capacity for part load at outdoor temperature Tj				Declared coefficient of performance for part load at outdoor temperature Tj						
Tj = -7 °C	Pdh	9,6	kW	Tj = -7 °C	COPd	2,49	-			
Tj = +2 °C	Pdh	5,8	kW	Tj = +2 °C	COPd	4,07	-			
Tj = +7 °C	Pdh	5,1	kW	Tj = +7 °C	COPd	5,25	-			
Tj = +12 °C	Pdh	5,7	kW	Tj = +12 °C	COPd	6,25	-			
Tj = biv	Pdh	10,5	kW	Tj = biv	COPd	2,16	-			
Tj = TOL	Pdh	10,5	kW	Tj = TOL	COPd	2,16	-			
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-			
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature		TOL	-10	°C		
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency		COPcyc		-		
Degradation co-efficient	Cdh	0,98	-	Heating water operating limit		WTOL	65	°C		
Power consumption in modes other than active mode				Supplementary heater						
Off mode	POFF	0,007	kW	Rated heat output		Psup	0,0	kW		
Thermostat-off mode	PTO	0,014	kW							
Standby mode	PSB	0,010	kW	Type of energy input		Electric				
Crankcase heater mode	PCK	0,000	kW							
Other items										
Capacity control		variable		Rated air flow rate, outdoors			2900	m³/h		
Sound power level, indoors/outdoors		LWA	35/55	dB	Rated water flow rate, indoor heat exchanger				m³/h	
Annual energy consumption		QHE	5569	kWh	Rated brine or water flow rate, outdoor heat exchanger				m³/h	
For heat pump combination heater:										
Declared load profile		XXL		Water heating energy efficiency		ηwh	112	%		
Daily electricity consumption		Qelec	8,798	kWh	Daily fuel consumption		Qfuel		kWh	
Annual electricity consumption		AEC	1932	kWh	Annual fuel consumption		AFC		GJ	
Approved by:										
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								