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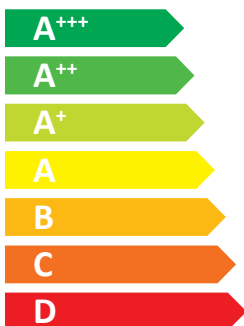
**NIBE**

NIBE S2125-8



55 °C

35 °C



**A++**

**A+++**



dB



**49** dB

■ 5  
■ **5**  
■ 5  
kW

■ 5  
■ **5**  
■ 6  
kW



2019

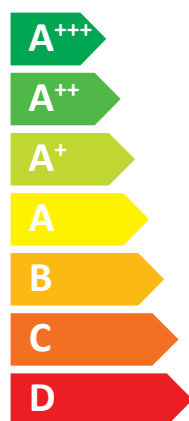
811/2013



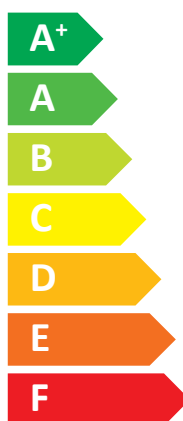
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NIBE S2125-8 + VVM S320



**A<sup>++</sup>**



**A**



**35** dB



**49** dB



■ 5 kW  
■ **5 kW**  
■ 5kW

2019

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## NIBE S2125-8 + VVM S320



A<sup>++</sup>



A



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

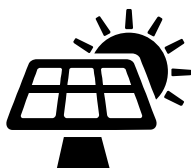
E

F

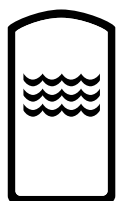
G

A<sup>+++</sup>

+



+



+



+



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F


G

A

Supplier's name:	NIBE AB		
Model:	NIBE S2125-8 + VVM S320		
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:	5,3	5,3	kW
Annual energy consumption for space heating, average climate	2196	2939	kWh
Annual electricity consumption for water heating, average climate	1600		kWh
Seasonal space heating energy efficiency, average climate:	196	146	%
Water heating energy efficiency, average climate:	105		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	5,4	5,2	kW
Rated heat output, warm climate:	5,5	5,2	kW
Annual energy consumption for space heating, cold climate	3238	4055	kWh
Annual electricity consumption for water heating, cold climate	1895		kWh
Annual energy consumption for space heating, warm climate	1161	1570	kWh
Annual electricity consumption for water heating, warm climate	1409		kWh
Seasonal space heating energy efficiency, cold climate:	161	123	%
Water heating energy efficiency, cold climate:	88		%
Seasonal space heating energy efficiency, warm climate:	250	174	%
Water heating energy efficiency, warm climate:	119		%
Sound power level LWA outdoors	49		dB

#### Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	200	150	%
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:	165	127	%
Seasonal space heating energy efficiency of package, warm climate:	254	178	%

<b>Model(s):</b>				<b>NIBE S2125-8 + VVM S320</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: EN14825 - EN16147 - EN12102-1											
<b>Rated heat output</b>			Prated	5,3	kW	<b>Seasonal space heating energy efficiency</b>			$\eta_s$	146	%
<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	4,6	kW	Tj = -7 °C			COPd	2,19	
Tj = +2 °C			Pdh	2,8	kW	Tj = +2 °C			COPd	3,77	
Tj = +7 °C			Pdh	2,1	kW	Tj = +7 °C			COPd	4,75	
Tj = +12 °C			Pdh	2,3	kW	Tj = +12 °C			COPd	5,70	
Tj = biv			Pdh	4,8	kW	Tj = biv			COPd	2,21	
Tj = TOL			Pdh	4,8	kW	Tj = TOL			COPd	2,21	
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	0,97	-	Heating water operating limit			WTOL	65	°C
<i>Power consumption in modes other than active mode</i>						<i>Supplementary heater</i>					
Off mode			P <sub>OFF</sub>	0,008	kW	Rated heat output			Psup	0,0	kW
Thermostat-off mode			P <sub>TO</sub>	0,013	kW						
Standby mode			P <sub>SB</sub>	0,011	kW	Type of energy input			Electric		
Crankcase heater mode			P <sub>CK</sub>	0,0045	kW						
<i>Other items</i>											
Capacity control			Variable			Rated air flow rate, outdoors				2400,00	m³/h
Sound power level, indoors/outdoors			L <sub>WA</sub>	35/49	dB	Rated water flow rate, indoor heat exchanger					m³/h
Annual energy consumption			Q <sub>HE</sub>	2939	kWh	Rated brine or water flow rate, outdoor heat exchanger					m³/h
<i>For heat pump combination heater:</i>											
<b>Declared load profile</b>			<b>XL</b>			<b>Water heating energy efficiency</b>			$\eta_{wh}$	105	%
Daily electricity consumption			Q <sub>elec</sub>	7,64	kWh	Daily fuel consumption			Q <sub>fuel</sub>		kWh
Annual electricity consumption			AEC	1600	kWh	Annual fuel consumption			AFC		GJ
<b>Approved by:</b>											
<b>Contact details</b>			<b>© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden</b>								