



**ENERG**  
енергия · ενέργεια

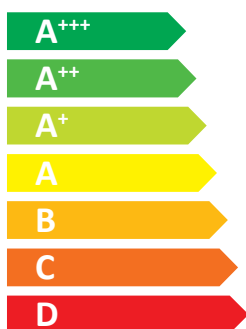


NIBE S2125-12



55 °C

35 °C



**A+++**

**A+++**



dB



**49** dB

■ 8  
■ **8**  
■ 8  
kW

■ 8  
■ **7**  
■ 7  
kW



2019

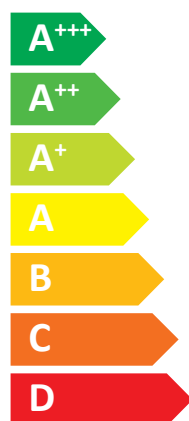
811/2013



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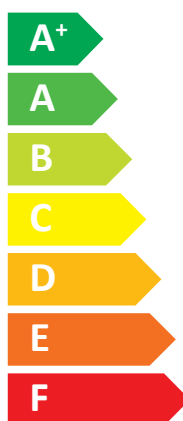
NIBE S2125-12 + VVM S320



**A+++**



XL



**A**



**35** dB



**49** dB



■ 8 kW  
■ **8 kW**  
■ 8 kW

2019

811/2013



# ENERG

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Y

IJA

IE

IA

**NIBE**

NIBE S2125-12 + VVM S320



A+++



A



A+++

A++

A+

A

B

C

D

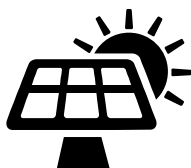
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F


G

A

Supplier's name:	NIBE AB		
Model:	NIBE S2125-12 + 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:	6,8	7,6	kW
Annual energy consumption for space heating, average climate	2835	4102	kWh
Annual electricity consumption for water heating, average climate	1600		kWh
Seasonal space heating energy efficiency, average climate:	195	150	%
Water heating energy efficiency, average climate:	105		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	8,4	8,4	kW
Rated heat output, warm climate:	7,0	7,5	kW
Annual energy consumption for space heating, cold climate	4990	6189	kWh
Annual electricity consumption for water heating, cold climate	1895		kWh
Annual energy consumption for space heating, warm climate	1494	2194	kWh
Annual electricity consumption for water heating, warm climate	1409		kWh
Seasonal space heating energy efficiency, cold climate:	163	131	%
Water heating energy efficiency, cold climate:	88		%
Seasonal space heating energy efficiency, warm climate:	247	180	%
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:	199	154	%
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:	167	135	%
Seasonal space heating energy efficiency of package, warm climate:	251	184	%

<b>Model(s):</b>		<b>NIBE S2125-12 + 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	7,6	kW	<b>Seasonal space heating energy efficiency</b>		ηs	150	%
<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	6,7	kW	Tj = -7 °C	COPd	2,17			
Tj = +2 °C	Pdh	4,2	kW	Tj = +2 °C	COPd	3,83			
Tj = +7 °C	Pdh	2,7	kW	Tj = +7 °C	COPd	5,12			
Tj = +12 °C	Pdh	2,4	kW	Tj = +12 °C	COPd	5,87			
Tj = biv	Pdh	7,6	kW	Tj = biv	COPd	2,11			
Tj = TOL	Pdh	7,6	kW	Tj = TOL	COPd	2,11			
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		2900	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>	4102	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>		η <sub>wh</sub>	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>							