

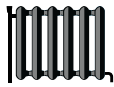


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NIBE

NIBE S2125-14



55 °C

35 °C



A+++

A+++



52 dB

■ 13
■ **11**
■ 11
kW

■ 13
■ **11**
■ 11
kW



2019

811/2013

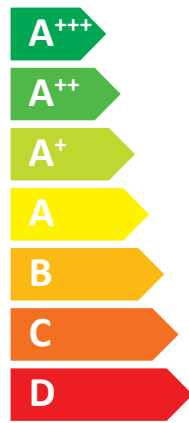
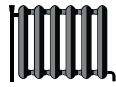


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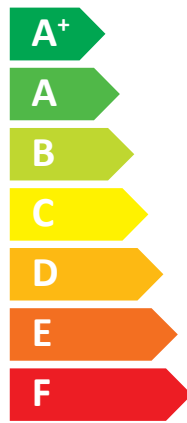


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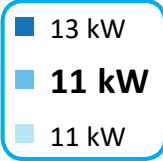
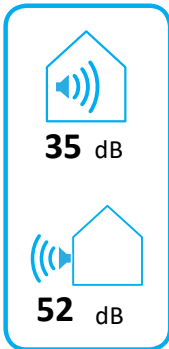
NIBE S2125-14 + VVM S320



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2019

811/2013



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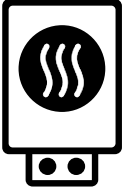


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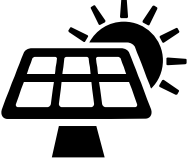
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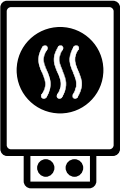
NIBE S2125-14 + VVM S320











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Supplier's name:	NIBE AB		
Model:	NIBE S2125-14 + 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:	11	11	kW
Annual energy consumption for space heating, average climate	4309	5598	kWh
Annual electricity consumption for water heating, average climate	1444		kWh
Seasonal space heating energy efficiency, average climate:	208	159	%
Water heating energy efficiency, average climate:	116		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	13	13	kW
Rated heat output, warm climate:	11	11	kW
Annual energy consumption for space heating, cold climate	7325	8981	kWh
Annual electricity consumption for water heating, cold climate	1671		kWh
Annual energy consumption for space heating, warm climate	2220	2989	kWh
Annual electricity consumption for water heating, warm climate	1331		kWh
Seasonal space heating energy efficiency, cold climate:	172	140	%
Water heating energy efficiency, cold climate:	100		%
Seasonal space heating energy efficiency, warm climate:	250	185	%
Water heating energy efficiency, warm climate:	126		%
Sound power level LWA outdoors	52		dB

Data for package fiche with VVM

Controller class	VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	212	163	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	176	144	%
Seasonal space heating energy efficiency of package, warm climate:	254	189	%

Model(s):		NIBE S2125-14 + VVM S320		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: EN14825 - EN16147 - EN12102-1									
Rated heat output		Prated	11,0	kW	Seasonal space heating energy efficiency		η_s	159	%
<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	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	9,6	kW	Tj = biv	COPd	2,49			
Tj = TOL	Pdh	8,9	kW	Tj = TOL	COPd	2,22			
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		
Cycling interval capacity for heating				P _{cyh}		kW	Cycling interval efficiency		COP _{cyh}
Degradation co-efficient				Cdh	0,98	-	Heating water operating limit		WTOL
							65	°C	
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>					
Off mode	P _{OFF}	0,007	kW	Rated heat output		P _{sup}	2,1	kW	
Thermostat-off mode	P _{TO}	0,014	kW						
Standby mode	P _{SB}	0,010	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,011	kW						
<i>Other items</i>									
Capacity control		Variable		Rated air flow rate, outdoors			2900	m ³ /h	
Sound power level, indoors/outdoors		L _{WA}	35/52	dB	Rated water flow rate, indoor heat exchanger			m ³ /h	
Annual energy consumption		Q _{HE}	5598	kWh	Rated brine or water flow rate, outdoor heat exchanger			m ³ /h	
<i>For heat pump combination heater:</i>									
Declared load profile		XL		Water heating energy efficiency		η_{wh}	116	%	
Daily electricity consumption		Q _{elec}	6,926	kWh	Daily fuel consumption		Q _{fuel}	kWh	
Annual electricity consumption		AEC	1444	kWh	Annual fuel consumption		AFC	GJ	
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							