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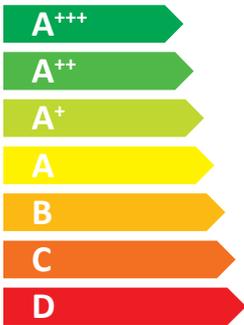
NIBE

NIBE S2125-16



55 °C

35 °C



A+++

A+++



55 dB

■ 14
■ **11**
■ 13
kW

■ 13
■ **11**
■ 13
kW



2019

811/2013

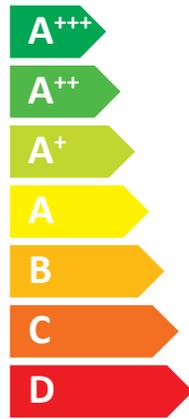


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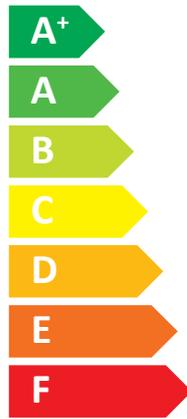


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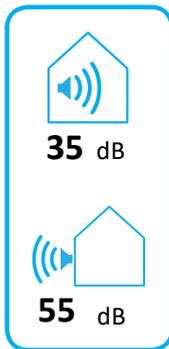
NIBE S2125-16 + VVM S320



A+++



A



2019

811/2013



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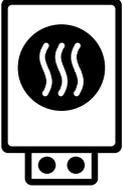
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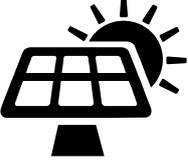
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NIBE S2125-16 + VVM S320





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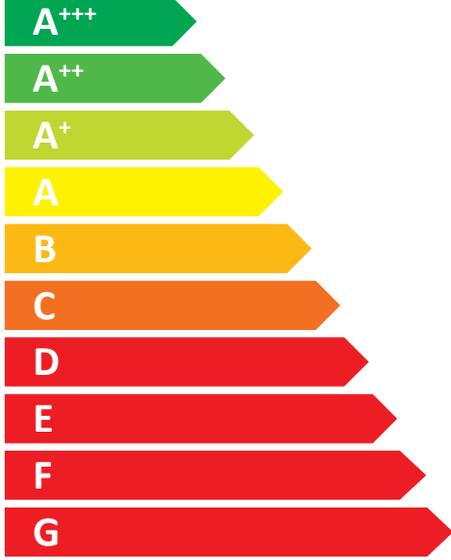
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Supplier's name:	NIBE AB		
Model:	NIBE S2125-16 + VVM S320		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	11	11	kW
Annual energy consumption for space heating, average climate	4264	5569	kWh
Annual electricity consumption for water heating, average climate	1444		kWh
Seasonal space heating energy efficiency, average climate:	210	160	%
Water heating energy efficiency, average climate:	116		%
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	7161	9604	kWh
Annual electricity consumption for water heating, cold climate	1671		kWh
Annual energy consumption for space heating, warm climate	2894	3619	kWh
Annual electricity consumption for water heating, warm climate	1331		kWh
Seasonal space heating energy efficiency, cold climate:	176	141	%
Water heating energy efficiency, cold climate:	100		%
Seasonal space heating energy efficiency, warm climate:	237	189	%
Water heating energy efficiency, warm climate:	126		%
Sound power level LWA outdoors	55		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:	214	164	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	180	145	%
Seasonal space heating energy efficiency of package, warm climate:	241	193	%

Model(s):		NIBE S2125-16 + 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	160	%	
<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	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				T _{biv}	-10	°C	Operation limit temperature			
Cycling interval capacity for heating				P _{cyc}		kW	Cycling interval efficiency		COP _{cyc}	-
Degradation co-efficient				C _{dh}	0,98	-	Heating water operating limit		WTOL	65
<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}	0,0	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}	0,000	kW						
<i>Other items</i>										
Capacity control		Variable			Rated air flow rate, outdoors			2526	m ³ /h	
Sound power level, indoors/outdoors		L _{WA}	35/55	dB	Rated water flow rate, indoor heat exchanger				m ³ /h	
Annual energy consumption		Q _{HE}	5569	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								