



ENERG
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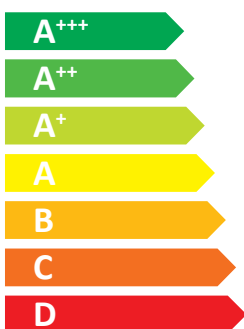
NIBE

NIBE S2125-8



55 °C

35 °C



A++

A+++



dB



49 dB

■ 5
■ **5**
■ 5
kW

■ 5
■ **5**
■ 6
kW



2019

811/2013

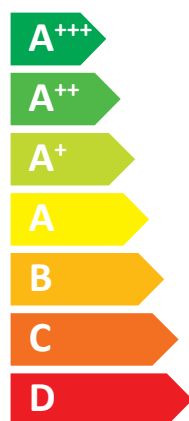


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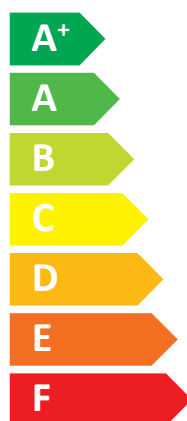


NIBE

NIBE S2125-8 + VVM S320



A⁺⁺



A



35 dB



49 dB



■ 5 kW
■ **5 kW**
■ 5kW

2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE S2125-8 + VVM S320



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

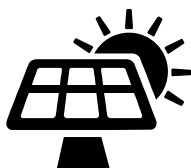
E

F

G

A⁺⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A

Supplier's name:	NIBE AB		
Model:	NIBE S2125-8 + 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:	5,3	5,3	kW
Annual energy consumption for space heating, average climate	2196	2939	kWh
Annual electricity consumption for water heating, average climate	1471		kWh
Seasonal space heating energy efficiency, average climate:	196	146	%
Water heating energy efficiency, average climate:	114		%
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	1904		kWh
Annual energy consumption for space heating, warm climate	1161	1570	kWh
Annual electricity consumption for water heating, warm climate	1266		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:	132		%
Sound power level LWA outdoors	49		dB

Data for package fiche

Controller class	VI		
Controler 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:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	165	127	%
Seasonal space heating energy efficiency of package, warm climate:	254	178	%

Model(s):				NIBE S2125-8 + VVM S320							
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	5,3	kW	Seasonal space heating energy efficiency			ηs	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 _{OFF}	0,008	kW	Rated heat output			Psup	0,0	kW		
Thermostat-off mode	P _{TO}	0,013	kW								
Standby mode	P _{SB}	0,011	kW	Type of energy input			Electric				
Crankcase heater mode	P _{CK}	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 _{WA}	35/49	dB	Rated water flow rate, indoor heat exchanger					m³/h		
Annual energy consumption	Q _{HE}	2939	kWh	Rated brine or water flow rate, outdoor heat exchanger					m³/h		
<i>For heat pump combination heater:</i>											
Declared load profile			XL			Water heating energy efficiency			η _{wh}	114	%
Daily electricity consumption	Q _{elec}	7,07	kWh	Daily fuel consumption			Q _{fuel}		kWh		
Annual electricity consumption	AEC	1471	kWh	Annual fuel consumption			AFC		GJ		
Approved by:											
Contact details			© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								