



ENERG
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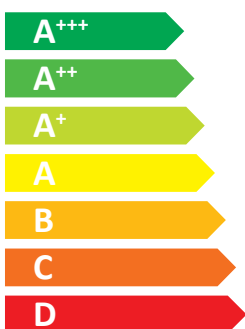
NIBE

NIBE S2125-14



55 °C

35 °C



A+++

A+++



dB



52 dB

■ 13
■ **11**
■ 10,5
kW

■ 13
■ **11**
■ 10,5
kW



2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE S2125-14 + SMO



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

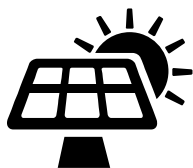
D

E

F

G

+



+



+



+



Supplier's name:	NIBE AB		
Model:	NIBE S2125-14+SMO S40		
Temperature application	35	55	°C
Declared load profile for water heating			
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:			
Rated heat output, average climate:	11	11	kW
Annual energy consumption for space heating, average climate	4309	5599	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	208	159	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors			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			kWh
Annual energy consumption for space heating, warm climate	2220	2989	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	172	140	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	250	185	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	52		dB

Data for package fiche

Controller class	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+SMO S40				<div>NIBE</div>					
Type of heat source/sink:				Air/water									
Low-temperature heat pump:				No									
Equipped with supplementary heater:				No									
Heat pump combination heater:				No									
Climate condition:				Average									
Temperature application:				Medium temperature (55 °C)									
Applied standards: EN 14825:2022, EN 12102-1:2022													
Rated heat output		Prated	11,0	kW	Seasonal space heating energy efficiency			ηs	159	%			
Declared capacity for part load at outdoor temperature Tj				Declared coefficient of performance for part load at outdoor temperature Tj									
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		Tbiv	-7	°C	Operation limit temperature			TOL	-10	°C			
Cycling interval capacity for heating		Pcyc		kW	Cycling interval efficiency			COPcyc		-			
Degradation co-efficient		Cdh	0,98	-	temperature			WTOL	65	°C			
Power consumption in modes other than active mode				Supplementary heater									
Off mode		POFF	0,007	kW	Rated heat output			Psup	2,1	kW			
Thermostat-off mode		Pto	0,014	kW									
Standby mode		PSB	0,010	kW	Type of energy input			Electric					
Crankcase heater mode		PCK	0,011	kW									
Other items													
Capacity control		Variable		Rated air flow rate, outdoors							2900	m³/h	
Sound power level, indoors/outdoors		LWA	-/52	dB	Rated water flow rate, indoor heat exchanger								m³/h
Annual energy consumption		QHE	5599	kWh	Rated brine or water flow rate, outdoor heat exchanger								m³/h
For heat pump combination heater:													
Declared load profile					Water heating energy efficiency			ηwh		%			
Daily electricity consumption		Qelec		kWh	Daily fuel consumption			Qfuel		kWh			
Annual electricity consumption		AEC		kWh	Annual fuel consumption			AFC		GJ			
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden											