



ENERG
енергия · ενέργεια



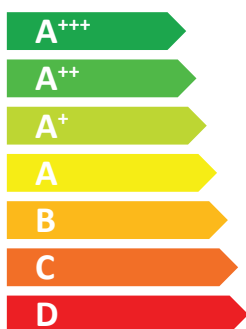
NIBE

NIBE S2061-12



55 °C

35 °C



A+++

A+++



- dB



53 dB

■ 9
■ 9
■ 9
kW

■ 10
■ 11
■ 11
kW



2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE S2061-12 + SMO S40



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

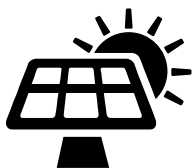
D

E

F

G

+



+



+



+



Supplier's name:	NIBE AB		
Model:	NIBE S2061-12 + 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	9	kW
Annual energy consumption for space heating, average climate	4540	4870	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	188	150	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors			dB
Rated heat output, cold climate:	10	9	kW
Rated heat output, warm climate:	11	9	kW
Annual energy consumption for space heating, cold climate	5574	6636	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	2065	2290	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	169	134	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	269	195	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	53		dB

Data for package fiche

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	192	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	173	138	%
Seasonal space heating energy efficiency of package, warm climate:	273	199	%

Model(s):				NIBE S2061-12				NIBE			
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	9,0	kW	Seasonal space heating energy efficiency			η_s	150	%
Declared capacity for part load at outdoor temperature Tj						Declared coefficient of performance for part load at outdoor temperature Tj					
Tj = -7 °C	Pdh	7,8	kW	Tj = -7 °C	COPd	2,24					
Tj = +2 °C	Pdh	4,8	kW	Tj = +2 °C	COPd	3,72					
Tj = +7 °C	Pdh	3,1	kW	Tj = +7 °C	COPd	5,05					
Tj = +12 °C	Pdh	2,6	kW	Tj = +12 °C	COPd	7,81					
Tj = biv	Pdh	7,8	kW	Tj = biv	COPd	2,24					
Tj = TOL	Pdh	7,4	kW	Tj = TOL	COPd	1,94					
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			TOL	-10	°C
Cycling interval capacity for heating			Pcych		kW	Cycling interval efficiency			COPcyc		-
Degradation co-efficient			Cdh	0,90	-	Heating water operating limit			WTOL	75	°C
Power consumption in modes other than active mode						Supplementary heater					
Off mode			P _{OFF}	0,006	kW	Rated heat output			Psup	1,6	kW
Thermostat-off mode			P _{TO}	0,006	kW						
Standby mode			P _{SB}	0,006	kW	Type of energy input			Electric		
Crankcase heater mode			P _{CK}	0,000	kW						
Other items											
Capacity control			Variable			Rated air flow rate, outdoors				5600	m³/h
Sound power level, indoors/outdoors			L _{WA}	-/53	dB	Rated water flow rate, indoor heat exchanger					m³/h
Annual energy consumption			Q _{HE}	4870	kWh	Rated brine or water flow rate, outdoor heat exchanger					m³/h
For heat pump combination heater:											
Declared load profile						Water heating energy efficiency			η_{wh}		%
Daily electricity consumption			Q _{elec}		kWh	Daily fuel consumption			Q _{fuel}		kWh
Annual electricity consumption			AEC		kWh	Annual fuel consumption			AFC		GJ
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