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NIBE

NIBE S1155-25 W/W



55 °C

35 °C



A+++

A+++



42 dB



dB

■ 31
■ **31**
■ 31
kW

■ 34
■ **34**
■ 34
kW



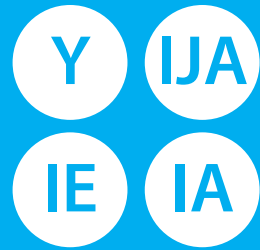
2019

811/2013



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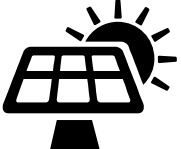



NIBE

NIBE S1155-25 W/W






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Supplier's name:	NIBE		
Model:	NIBE S1155-25 W/W		
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:	34	31	kW
Annual energy consumption for space heating, average climate	9598	12469	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	285	197	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	42		dB
Rated heat output, cold climate:	34	31	kW
Rated heat output, warm climate:	34	31	kW
Annual energy consumption for space heating, cold climate	10909	14180	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	6230	8080	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	299	208	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	284	197	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	289	201	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	303	212	%
Seasonal space heating energy efficiency of package, warm climate:	288	201	%

Model(s):		NIBE S1155-25 W/W							
Type of heat source/sink:		Water-to-water							
Low-temperature heat pump:		No							
Equipped with supplementary heater:		Yes							
Heat pump combination heater:		No							
Climate condition:		Average							
Temperature application:		Medium temperature (55 °C)							
Applied standards: EN14825 and EN12102									
Rated heat output		Prated	31,0	kW	Seasonal space heating energy efficiency		η_s	197	%
<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	27,6	kW	Tj = -7 °C	COPd	3,60	kW		
Tj = +2 °C	Pdh	16,9	kW	Tj = +2 °C	COPd	5,10	kW		
Tj = +7 °C	Pdh	10,9	kW	Tj = +7 °C	COPd	6,36	kW		
Tj = +12 °C	Pdh	8,3	kW	Tj = +12 °C	COPd	6,60	kW		
Tj = biv	Pdh	31,0	kW	Tj = biv	COPd	3,42	kW		
Tj = TOL	Pdh	31,0	kW	Tj = TOL	COPd	3,42	kW		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW		
Bivalent temperature				T _{biv}	-10	°C		Operation limit temperature	
Cycling interval capacity for heating				P _{cyh}		kW		Cycling interval efficiency	
Degradation co-efficient				Cdh	0,99	-		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}	0,016	kW	Rated heat output		P _{sup}	0,0	kW	
Thermostat-off mode	P _{TO}	0,02	kW						
Standby mode	P _{SB}	0,022	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,008	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors				m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	42/-	dB	Rated water flow rate, indoor heat exchanger				m ³ /h	
Annual energy consumption	Q _{HE}	12469	kWh	Rated brine or water flow rate, outdoor heat exchanger		4,08		m ³ /h	
<i>For heat pump combination heater:</i>									
Declared load profile				Water heating energy efficiency		η_{wh}			%
Daily electricity consumption				Q _{elec}			kWh		Daily fuel consumption
Annual electricity consumption				AEC			kWh		Annual fuel consumption
							GJ		AFC
Approved by:									
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