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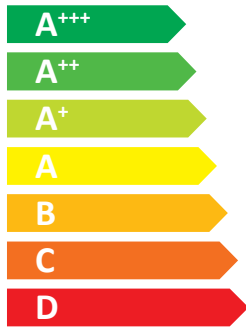
NIBE

NIBE S1255-12 W/W



55 °C

35 °C



A+++

A+++



44 dB



dB

■ 14
■ **14**
■ 14
kW

■ 14
■ **14**
■ 14
kW



2019

811/2013

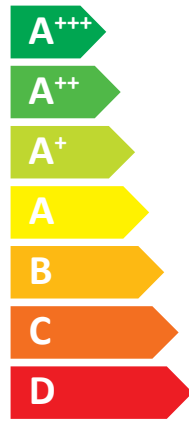
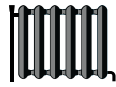


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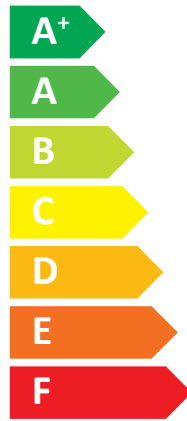


NIBE

NIBE S1255-12 W/W



A+++



A

44 dB

dB



- 14 kW
- **14 kW**
- 14 kW

2019

811/2013



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Y






IJA

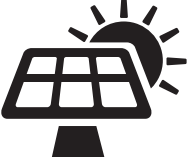
IE


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NIBE


NIBE S1255-12 W/W

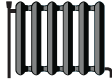











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Product fiche

Supplier's name:	NIBE		
Model:	NIBE S1255-12 W/W		
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:	14	14	kW
Annual energy consumption for space heating, average climate	4433	5657	kWh
Annual electricity consumption for water heating, average climate	1486		kWh
Seasonal space heating energy efficiency, average climate:	253	197	%
Water heating energy efficiency, average climate:	113		%
Sound power level LWA indoors	44	44	dB
Rated heat output, cold climate:	14	14	kW
Rated heat output, warm climate:	14	14	kW
Annual energy consumption for space heating, cold climate	5091	6497	kWh
Annual electricity consumption for water heating, cold climate	1486		kWh
Annual energy consumption for space heating, warm climate	2823	3613	kWh
Annual electricity consumption for water heating, warm climate	1486		kWh
Seasonal space heating energy efficiency, cold climate:	263	204	%
Water heating energy efficiency, cold climate:	113		%
Seasonal space heating energy efficiency, warm climate:	257	199	%
Water heating energy efficiency, warm climate:	113		%
Sound power level LWA outdoors	-	-	dB

Data for package fiche

Controller class	VI		
Controler contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	257	201	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	267	208	%
Seasonal space heating energy efficiency of package, warm climate:	261	203	%

Model(s):		NIBE S1255-12 W/W							
Type of heat source/sink:		Water-to-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 and EN16147									
Rated heat output		Prated	14,0	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	12,4	kW	Tj = -7 °C	COPd	3,84	kW		
Tj = +2 °C	Pdh	7,6	kW	Tj = +2 °C	COPd	5,11	kW		
Tj = +7 °C	Pdh	4,9	kW	Tj = +7 °C	COPd	5,89	kW		
Tj = +12 °C	Pdh	3,2	kW	Tj = +12 °C	COPd	6,36	kW		
Tj = biv	Pdh	13,9	kW	Tj = biv	COPd	3,48	kW		
Tj = TOL	Pdh	13,9	kW	Tj = TOL	COPd	3,48	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	0,98	-	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}	0,005	kW	Rated heat output		P _{sup}	0,1	kW	
Thermostat-off mode	P _{TO}	0,025	kW						
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors					m ³ /h
Sound power level, indoors/outdoors	L _{WA}	44/-	dB	Rated brine or water flow rate, outdoor heat exchanger				1,98	m ³ /h
Annual energy consumption	Q _{HE}	5657	kWh						
<i>For heat pump combination heater:</i>									
Declared load profile		XL		Water heating energy efficiency		η_{wh}	113	%	
				Daily electricity consumption		Q _{elec}	6,77	kWh	
				Annual electricity consumption		AEC	1486	kWh	
				Daily fuel consumption		Q _{fuel}		kWh	
				Annual fuel consumption		AFC		GJ	
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							