

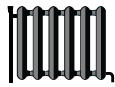


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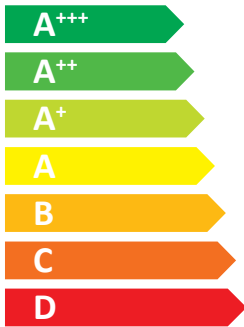
NIBE

NIBE S1256-18 W/W



55 °C

35 °C



A+++

A+++



39 dB



dB

■ 20
■ **20**
■ 20
kW

■ 20
■ **20**
■ 20
kW



2019

811/2013

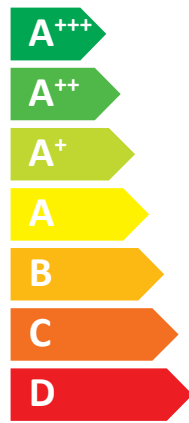
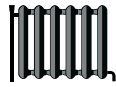


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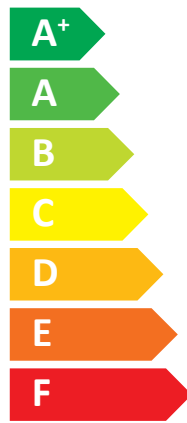
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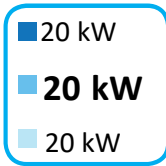
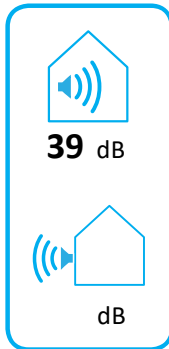
NIBE S1256-18 W/W



A+++



A+



2019

811/2013



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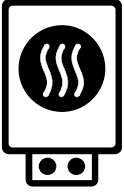




IJA

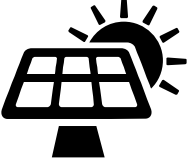
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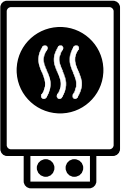
NIBE S1256-18 W/W













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Supplier's name:	NIBE AB		
Model:	NIBE S1256-18 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:	19,5	19,5	kW
Annual energy consumption for space heating, average climate	4781	6836	kWh
Annual electricity consumption for water heating, average climate	1162		kWh
Seasonal space heating energy efficiency, average climate:	329	228	%
Water heating energy efficiency, average climate:	144		%
Sound power level LWA indoors	39		dB
Rated heat output, cold climate:	19,5	19,5	kW
Rated heat output, warm climate:	19,5	19,5	kW
Annual energy consumption for space heating, cold climate	5347	7684	kWh
Annual electricity consumption for water heating, cold climate	1162		kWh
Annual energy consumption for space heating, warm climate	3076	4329	kWh
Annual electricity consumption for water heating, warm climate	1162		kWh
Seasonal space heating energy efficiency, cold climate:	352	242	%
Water heating energy efficiency, cold climate:	144		%
Seasonal space heating energy efficiency, warm climate:	331	233	%
Water heating energy efficiency, warm climate:	144		%
Sound power level LWA outdoors			dB

Data for package fiche with

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	333	232	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	356	246	%
Seasonal space heating energy efficiency of package, warm climate:	335	237	%

Model(s):		NIBE S1256-18 W-W								
Type of heat source/sink:		Water/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	19,5	kW	Seasonal space heating energy efficiency		η_s	228	%	
<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	17,3	kW	Tj = -7 °C	COPd	4,04				
Tj = +2 °C	Pdh	10,6	kW	Tj = +2 °C	COPd	5,79				
Tj = +7 °C	Pdh	6,9	kW	Tj = +7 °C	COPd	7,56				
Tj = +12 °C	Pdh	4,6	kW	Tj = +12 °C	COPd	8,01				
Tj = biv	Pdh	20,0	kW	Tj = biv	COPd	3,72				
Tj = TOL	Pdh	20,0	kW	Tj = TOL	COPd	3,72				
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd					
Bivalent temperature				T _{biv}	-10	°C	Operation limit temperature			
Cycling interval capacity for heating				P _{cyh}		kW	Cycling interval efficiency		COP _{cyh}	-
Degradation co-efficient				Cdh	0,96	-	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}	0,004	kW	Rated heat output		P _{sup}	0,0	kW		
Thermostat-off mode	P _{TO}	0,025	kW							
Standby mode	P _{SB}	0,009	kW	Type of energy input		Electric				
Crankcase heater mode	P _{CK}	0,012	kW							
<i>Other items</i>										
Capacity control		Variable		Rated air flow rate, outdoors				m ³ /h		
Sound power level, indoors/outdoors		L _{WA}	39/-	dB	Rated water flow rate, indoor heat exchanger			m ³ /h		
Annual energy consumption		Q _{HE}	6836	kWh	Rated brine or water flow rate, outdoor heat exchanger		N/A	m ³ /h		
<i>For heat pump combination heater:</i>										
Declared load profile		XL		Water heating energy efficiency		η_{wh}	144	%		
Daily electricity consumption		Q _{elec}	5,480	kWh	Daily fuel consumption		Q _{fuel}	kWh		
Annual electricity consumption		AEC	1162	kWh	Annual fuel consumption		AFC	GJ		
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								