

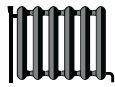


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**NIBE**

NIBE S1255-6 W/W



55 °C

35 °C



**42** dB



dB

■ 7  
■ 7  
■ 7  
kW

■ 7  
■ 7  
■ 7  
kW



2019

811/2013

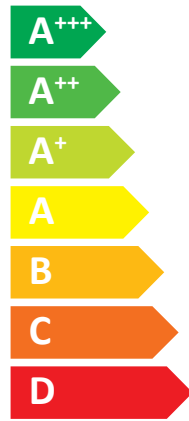
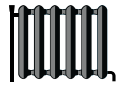


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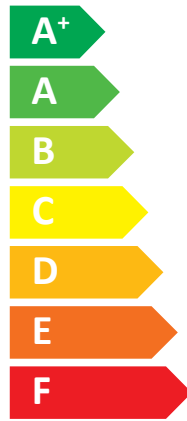


**NIBE**

NIBE S1255-6 W/W



**A+++**



**A**

**42** dB

dB



- 7 kW
- 7 kW
- 7 kW

2019

811/2013



# ENERG

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Y






IJA

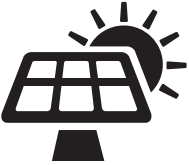
IE


IA


**NIBE**


## NIBE S1255-6 W/W

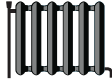











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## Product fiche

Supplier's name:	NIBE		
Model:	NIBE S1255-6 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:	7	7	kW
Annual energy consumption for space heating, average climate	2078	2611	kWh
Annual electricity consumption for water heating, average climate	1428		kWh
Seasonal space heating energy efficiency, average climate:	270	214	%
Water heating energy efficiency, average climate:	117		%
Sound power level LWA indoors	42	42	dB
Rated heat output, cold climate:	7	7	kW
Rated heat output, warm climate:	7	7	kW
Annual energy consumption for space heating, cold climate	2378	3005	kWh
Annual electricity consumption for water heating, cold climate	1428		kWh
Annual energy consumption for space heating, warm climate	1349	1696	kWh
Annual electricity consumption for water heating, warm climate	1428		kWh
Seasonal space heating energy efficiency, cold climate:	282	222	%
Water heating energy efficiency, cold climate:	117		%
Seasonal space heating energy efficiency, warm climate:	269	213	%
Water heating energy efficiency, warm climate:	117		%
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:	274	218	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	286	226	%
Seasonal space heating energy efficiency of package, warm climate:	273	217	%

<b>Model(s):</b>		<b>NIBE S1255-6 W/W</b>								
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										
<b>Rated heat output</b>		Prated	7,0	kW	<b>Seasonal space heating energy efficiency</b>		$\eta_s$	214	%	
<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	6,3	kW	Tj = -7 °C	COPd	4,52	kW			
Tj = +2 °C	Pdh	3,9	kW	Tj = +2 °C	COPd	5,62	kW			
Tj = +7 °C	Pdh	2,5	kW	Tj = +7 °C	COPd	6,34	kW			
Tj = +12 °C	Pdh	1,6	kW	Tj = +12 °C	COPd	6,57	kW			
Tj = biv	Pdh	6,9	kW	Tj = biv	COPd	4,21	kW			
Tj = TOL	Pdh	6,9	kW	Tj = TOL	COPd	4,21	kW			
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW			
Bivalent temperature				T <sub>biv</sub>	-10	°C	Operation limit temperature			
Cycling interval capacity for heating				P <sub>cyh</sub>		kW	Cycling interval efficiency		COP <sub>cyh</sub>	-
Degradation co-efficient				Cdh	0,97	-	Heating water operating limit		WTOL	65
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>						
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output		P <sub>sup</sub>	0,1	kW		
Thermostat-off mode	P <sub>TO</sub>	0,015	kW							
Standby mode	P <sub>SB</sub>	0,007	kW	Type of energy input		Electric				
Crankcase heater mode	P <sub>CK</sub>	0,009	kW							
<i>Other items</i>										
Capacity control		variable		Rated air flow rate, outdoors					m <sup>3</sup> /h	
Sound power level, indoors/outdoors		L <sub>WA</sub>	42/-	dB	Rated brine or water flow rate, outdoor heat exchanger			1,07	m <sup>3</sup> /h	
Annual energy consumption		Q <sub>HE</sub>	2611	kWh						
<i>For heat pump combination heater:</i>										
<b>Declared load profile</b>		<b>XL</b>		<b>Water heating energy efficiency</b>		$\eta_{wh}$	117	%		
Daily electricity consumption		Q <sub>elec</sub>	6,50	kWh	Daily fuel consumption		Q <sub>fuel</sub>		kWh	
Annual electricity consumption		AEC	1428	kWh	Annual fuel consumption		AFC		GJ	
<b>Approved by:</b>										
<b>Contact details</b>		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								