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NIBE NIBE S1256-8 W/W

	55 °C	35 °C
	A+++	A+++

A+++
A++
A+
A
B
C
D

36 dB

dB

10	10	10
10	**10**	**10**
10	10	10
kW	kW	kW

2019 811/2013

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NIBE NIBE S1256-8 W/W

XL

A+++
A++
A+
A
B
C
D

A+++

A+
A
B
C
D
E
F

A+

36 dB

dB

10 kW
10 kW
10 kW

2019

811/2013

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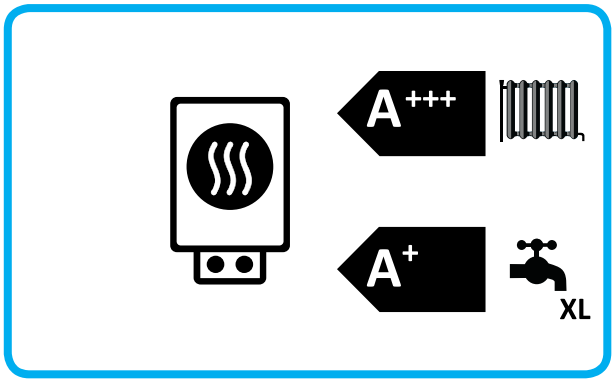
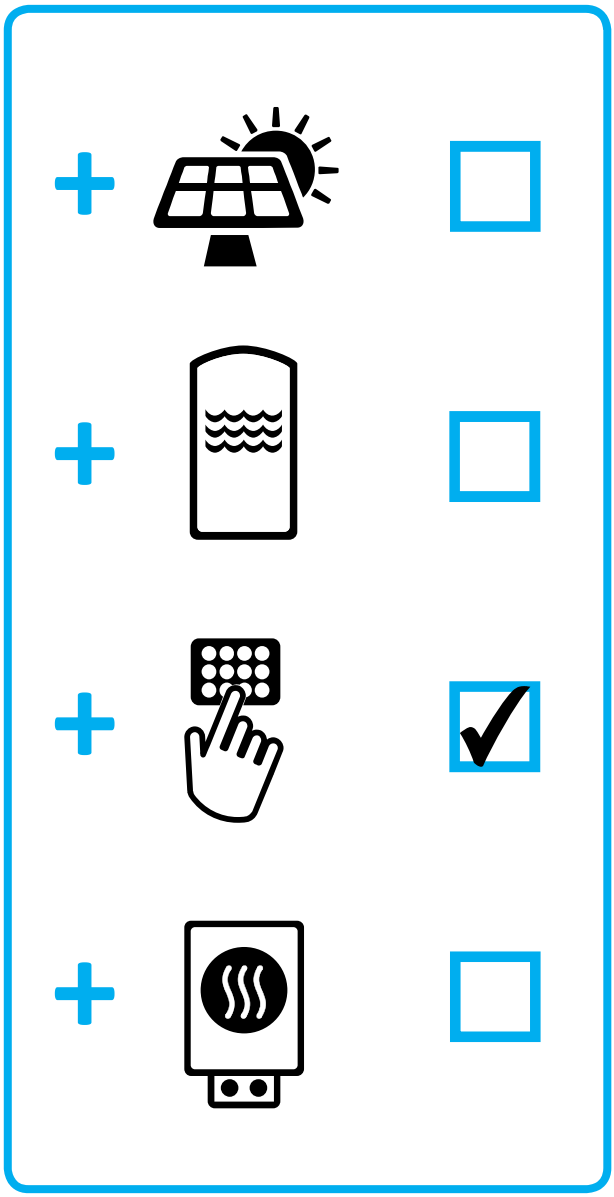
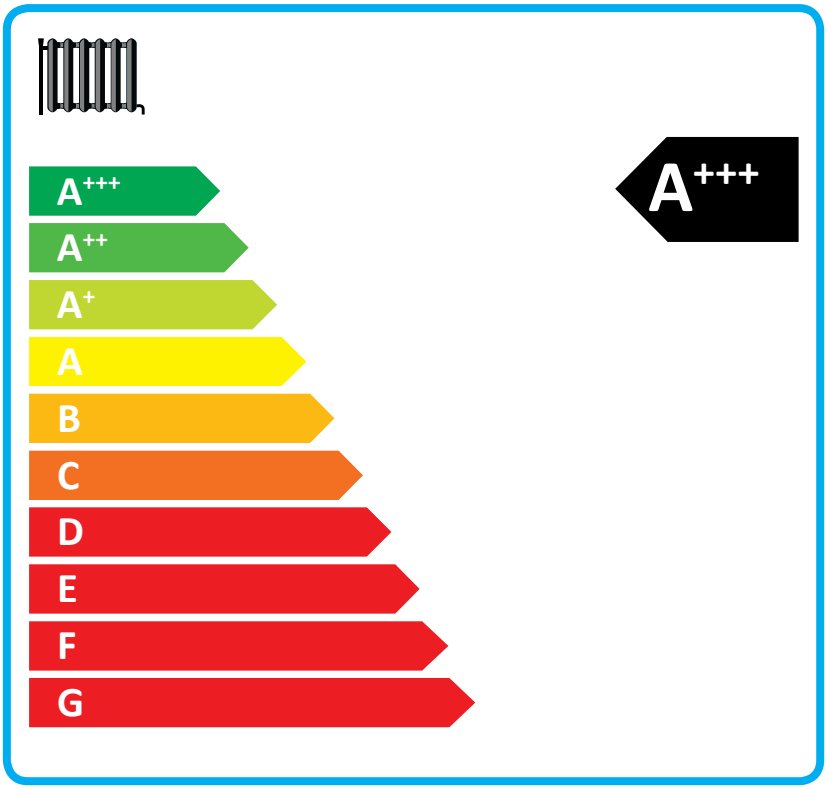
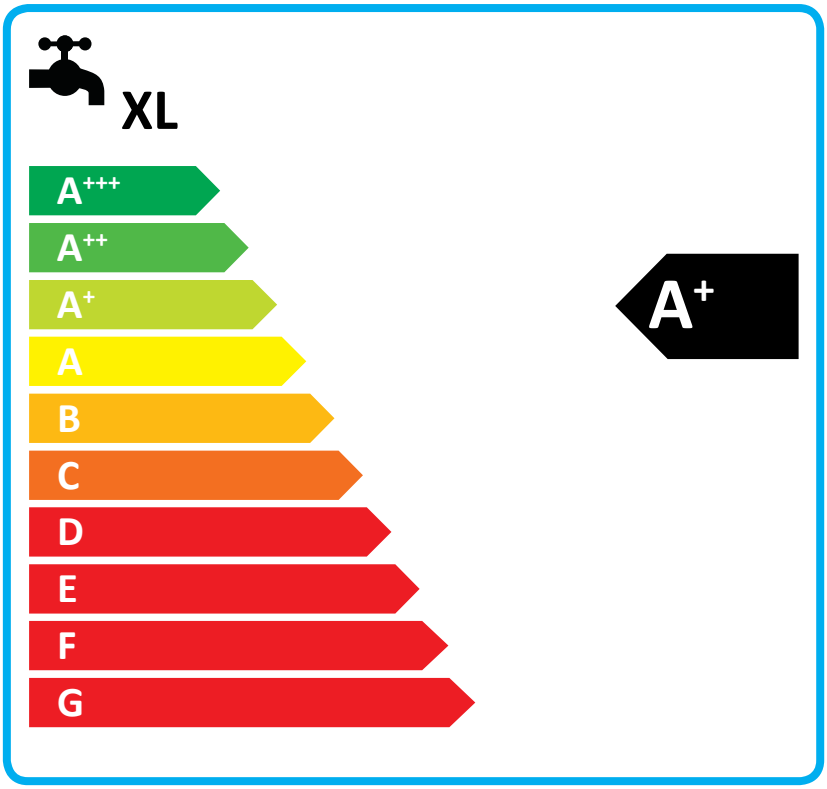
NIBE

NIBE S1256-8 W/W









2015

811/2013

Supplier's name:	NIBE AB		
Model:	NIBE S1256-8 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:	10,0	10,0	kW
Annual energy consumption for space heating, average climate	2624	3669	kWh
Annual electricity consumption for water heating, average climate	1151		kWh
Seasonal space heating energy efficiency, average climate:	307	217	%
Water heating energy efficiency, average climate:	145		%
Sound power level LWA indoors	36		dB
Rated heat output, cold climate:	10,0	10,0	kW
Rated heat output, warm climate:	10,0	10,0	kW
Annual energy consumption for space heating, cold climate	2915	4138	kWh
Annual electricity consumption for water heating, cold climate	1151		kWh
Annual energy consumption for space heating, warm climate	1672	2330	kWh
Annual electricity consumption for water heating, warm climate	1151		kWh
Seasonal space heating energy efficiency, cold climate:	330	230	%
Water heating energy efficiency, cold climate:	145		%
Seasonal space heating energy efficiency, warm climate:	312	221	%
Water heating energy efficiency, warm climate:	145		%
Sound power level LWA outdoors			dB

Data for package fiche with

Controller class	CLASS VI		
Controler contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	311	221	%
Seasonal space heating energy efficiency class for package, average climate:	**A+++**	**A+++**	%
Seasonal space heating energy efficiency of package, cold climate:	334	234	%
Seasonal space heating energy efficiency of package, warm climate:	316	225	%

Model(s):	**NIBE S1256-8 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	10,0	kW		**Seasonal space heating energy efficiency**	η_s	217	%
Declared capacity for part load at outdoor temperature Tj					*Declared coefficient of performance for part load at outdoor temperature Tj*			
Tj = -7 °C	Pdh	8,9	kW		Tj = -7 °C	COPd	3,85	
Tj = +2 °C	Pdh	5,5	kW		Tj = +2 °C	COPd	5,55	
Tj = +7 °C	Pdh	3,5	kW		Tj = +7 °C	COPd	7,24	
Tj = +12 °C	Pdh	2,0	kW		Tj = +12 °C	COPd	7,94	
Tj = biv	Pdh	10,0	kW		Tj = biv	COPd	3,55	
Tj = TOL	Pdh	10,0	kW		Tj = TOL	COPd	3,55	
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	TOL	-10	°C
Cycling interval capacity for heating	Pcych		kW		Cycling interval efficiency	COPcyc		-
Degradation co-efficient	Cdh	0,94	-		Heating water operating limit	WTOL	65	°C
Power consumption in modes other than active mode					*Supplementary heater*			
Off mode	P_{OFF}	0,003	kW		Rated heat output	Psup	0,0	kW
Thermostat-off mode	P_{TO}	0,015	kW					
Standby mode	P_{SB}	0,008	kW		Type of energy input	Electric		
Crankcase heater mode	P_{CK}	0,010	kW					
Other items								
Capacity control	Variable				Rated air flow rate, outdoors			m^3/h
Sound power level, indoors/outdoors	L_{WA}	36/-	dB		Rated water flow rate, indoor heat exchanger			m^3/h
Annual energy consumption	Q_{HE}	3669	kWh		Rated brine or water flow rate, outdoor heat exchanger		1,28	m^3/h
For heat pump combination heater:								
Declared load profile	**XL**				**Water heating energy efficiency**	η_{wh}	145	%
Daily electricity consumption	Q_{elec}	5,480	kWh		Daily fuel consumption	Q_{fuel}		kWh
Annual electricity consumption	AEC	1151	kWh		Annual fuel consumption	AFC		GJ

Contact details **© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden**