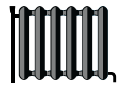




ENERGY

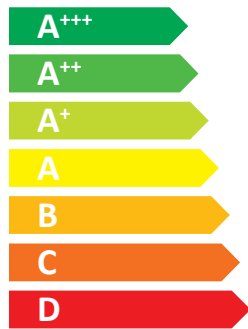


NIBE S1255-6



55 °C

35 °C



A+++

A+++



42 dB



dB

6
6
6
kW

6
6
6
kW



2019

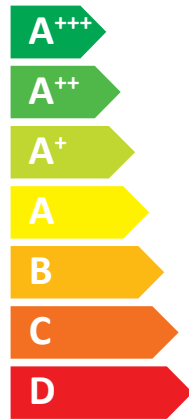
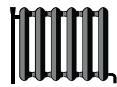
811/2013



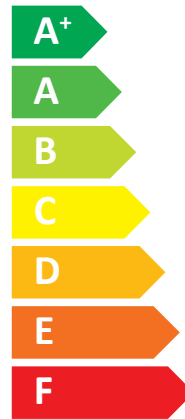
ENERGY



NIBE S1255-6



A⁺⁺⁺



A



42 dB



dB



6 kW
6 kW
6 kW

2019

811/2013



ENERGY

 **NIBE**

NIBE S1255-6



A+++



A



A+++

A++

A+

A

B

C

D

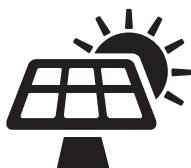
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A

Product fiche

Supplier's name:	NIBE		
Model:	NIBE S1255-6		
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:	5,5	5,5	kW
Annual energy consumption for space heating, average climate	2188	2875	kWh
Annual electricity consumption for water heating, average climate	1642		kWh
Seasonal space heating energy efficiency, average climate:	200	150	%
Water heating energy efficiency, average climate:	102		%
Sound power level LWA indoors	42	42	dB
Rated heat output, cold climate:	5,5	5,5	kW
Rated heat output, warm climate:	5,5	5,5	kW
Annual energy consumption for space heating, cold climate	2481	3287	kWh
Annual electricity consumption for water heating, cold climate	1642		kWh
Annual energy consumption for space heating, warm climate	1408	1852	kWh
Annual electricity consumption for water heating, warm climate	1642		kWh
Seasonal space heating energy efficiency, cold climate:	211	157	%
Water heating energy efficiency, cold climate:	102		%
Seasonal space heating energy efficiency, warm climate:	201	151	%
Water heating energy efficiency, warm climate:	102		%
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:	204	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	215	161	%
Seasonal space heating energy efficiency of package, warm climate:	205	155	%

Model(s):				NIBE S1255-6							
Type of heat source/sink:				Brine-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	5,5	kW	Seasonal space heating energy efficiency			ηs	150	%
<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	5,0	kW	Tj = -7 °C		COPd	3,06	-		
Tj = +2 °C		Pdh	3,0	kW	Tj = +2 °C		COPd	3,97	-		
Tj = +7 °C		Pdh	2,0	kW	Tj = +7 °C		COPd	4,63	-		
Tj = +12 °C		Pdh	1,2	kW	Tj = +12 °C		COPd	4,86	-		
Tj = biv		Pdh	5,4	kW	Tj = biv		COPd	2,84	-		
Tj = TOL		Pdh	5,4	kW	Tj = TOL		COPd	2,84	-		
Tj = -15 °C (if TOL < -20 °C)		Pdh		kW	Tj = -15 °C (if TOL < -20 °C)		COPd		-		
Bivalent temperature		Tbiv	-10	°C	Operation limit temperature		TOL	-10	°C		
Cycling interval capacity for heating		Pcych		kW	Cycling interval efficiency		COPcyc		-		
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		POFF	0,002	kW	Rated heat output		Psup	0,1	kW		
Thermostat-off mode		Pto	0,007	kW							
Standby mode		PSB	0,007	kW	Type of energy input		Electric				
Crankcase heater mode		PCK	0,009	kW							
<i>Other items</i>											
Capacity control		variable			Rated air flow rate, outdoors				m³/h		
Sound power level, indoors/outdoors		LWA	42/-	dB							
Annual energy consumption		QHE	2875	kWh	Rated brine or water flow rate, outdoor heat exchanger			0,68	m³/h		
<i>For heat pump combination heater:</i>											
Declared load profile			XL			Water heating energy efficiency			ηwh	102	%
Daily electricity consumption		Qelec	7,48	kWh	Daily fuel consumption		Qfuel		kWh		
Annual electricity consumption		AEC	1642	kWh	Annual fuel consumption		AFC		GJ		
Approved by:											
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden									