



ENERGY

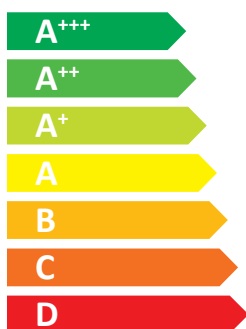


NIBE S1155-12



55 °C

35 °C



A+++

A+++



44 dB



dB

12
12
12
kW

12
12
12
kW



2019

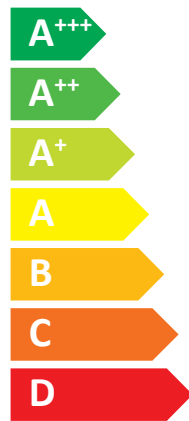
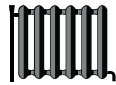
811/2013



ENERGY



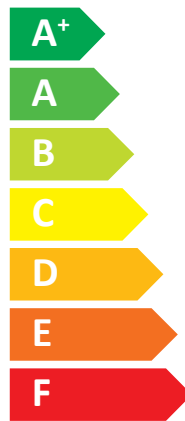
NIBE S1155-12 + VPB S300



A+++



XXL



A



44 dB



dB



- 12 kW
- 12 kW
- 12 kW



ENERGY



NIBE S1155-12 + VPB S300



A+++



A



A+++

A++

A+

A

B

C

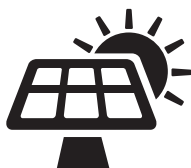
D

E

F

G

A+++



A+++

A++

A+

A

B

C

D

E

F

G

A

Product fiche

Supplier's name:	NIBE		
Model:	NIBE S1155-12 + VPB S300		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	12	12	kW
Annual energy consumption for space heating, average climate	4582	6213	kWh
Annual electricity consumption for water heating, average climate	2112		kWh
Seasonal space heating energy efficiency, average climate:	201	157	%
Water heating energy efficiency, average climate:	102		%
Sound power level LWA indoors	44	44	dB
Rated heat output, cold climate:	12	12	kW
Rated heat output, warm climate:	12	12	kW
Annual energy consumption for space heating, cold climate	5292	7173	kWh
Annual electricity consumption for water heating, cold climate	2112		kWh
Annual energy consumption for space heating, warm climate	2928	3999	kWh
Annual electricity consumption for water heating, warm climate	2112		kWh
Seasonal space heating energy efficiency, cold climate:	208	162	%
Water heating energy efficiency, cold climate:	102		%
Seasonal space heating energy efficiency, warm climate:	204	158	%
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:	205	161	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	212	166	%
Seasonal space heating energy efficiency of package, warm climate:	208	162	%

Model(s):		NIBE S1155-12 + VPB S300							
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	12,4	kW	Seasonal space heating energy efficiency		ηs	157	%
Declared capacity for part load at outdoor temperature Tj					Declared coefficient of performance for part load at outdoor temperature Tj				
Tj = -7 °C	Pdh	11,1	kW	Tj = -7 °C	COPd	3,18	-		
Tj = +2 °C	Pdh	6,8	kW	Tj = +2 °C	COPd	4,12	-		
Tj = +7 °C	Pdh	4,4	kW	Tj = +7 °C	COPd	4,67	-		
Tj = +12 °C	Pdh	2,6	kW	Tj = +12 °C	COPd	5,06	-		
Tj = biv	Pdh	12,3	kW	Tj = biv	COPd	2,91	-		
Tj = TOL	Pdh	12,3	kW	Tj = TOL	COPd	2,91	-		
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		
Power consumption in modes other than active mode					Supplementary heater				
Off mode	Poff	0,005	kW	Rated heat output	Psup	0,1	kW		
Thermostat-off mode	Pto	0,015	kW						
Standby mode	Psb	0,007	kW	Type of energy input	Electric				
Crankcase heater mode	Pck	0	kW						
Other items									
Capacity control	variable			Rated air flow rate, outdoors			m³/h		
Sound power level, indoors/outdoors	Lwa	44/-	dB						
Annual energy consumption	Qhe	6213	kWh	Rated brine or water flow rate, outdoor heat exchanger		1,46	m³/h		
For heat pump combination heater:									
Declared load profile		XXL		Water heating energy efficiency		ηwh	102	%	
Daily electricity consumption	Qelec	9,62	kWh	Daily fuel consumption	Qfuel		kWh		
Annual electricity consumption	AEC	2112	kWh	Annual fuel consumption	AFC		GJ		
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							