



ENERGY



NIBE S1155-25



55 °C

35 °C



47 dB



dB



kW



kW



2019

811/2013



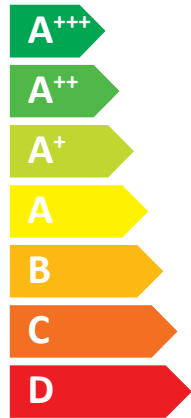
ENERGY



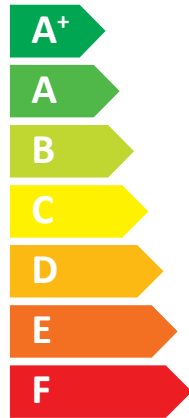
NIBE S1155-25 + VPB 500



XXL



A+++



A

47 dB

dB



- 25 kW
- 25 kW
- 25 kW



ENERGY

NIBE

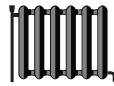
NIBE S1155-25 + VPB 500



A+++



A



A+++

A++

A+

A

B

C

D

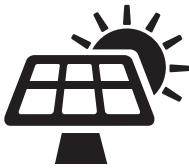
E

F

G

A+++

+



+



+



+



XXL

A+++

A++

A+

A

B

C

D

E

F


G

A

Supplier's name:	NIBE AB		
Model:	NIBE S1155-25 (+VPB 500)		
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:	25	25	kW
Annual energy consumption for space heating, average climate	9913	13063	kWh
Annual electricity consumption for water heating, average climate	2264		kWh
Seasonal space heating energy efficiency, average climate:	200	150	%
Water heating energy efficiency, average climate:	95		%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	25	25	kW
Rated heat output, warm climate:	25	25	kW
Annual energy consumption for space heating, cold climate	11289	15024	kWh
Annual electricity consumption for water heating, cold climate	2264		kWh
Annual energy consumption for space heating, warm climate	6381	8545	kWh
Annual electricity consumption for water heating, warm climate	2264		kWh
Seasonal space heating energy efficiency, cold climate:	210	156	%
Water heating energy efficiency, cold climate:	95		%
Seasonal space heating energy efficiency, warm climate:	201	148	%
Water heating energy efficiency, warm climate:	95		%
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:	214	160	%
Seasonal space heating energy efficiency of package, warm climate:	205	152	%

Model(s):		NIBE S1155-25 (+VPB 500)								
Type of heat source/sink:		Brine/water								
Low-temperature heat pump:		No								
Equipped with supplementary heater:		Yes								
Heat pump combination heater:		No								
Climate condition:		Average								
Temperature application:		Medium temperature (55 °C)								
Applied standards: EN14825 - EN12102-1										
Rated heat output		Prated	25,0	kW	Seasonal space heating energy efficiency		η_s	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	21,7	kW	Tj = -7 °C	COPd	3,0				
Tj = +2 °C	Pdh	13,7	kW	Tj = +2 °C	COPd	4,0				
Tj = +7 °C	Pdh	8,4	kW	Tj = +7 °C	COPd	4,6				
Tj = +12 °C	Pdh	7,4	kW	Tj = +12 °C	COPd	4,7				
Tj = biv	Pdh	23,9	kW	Tj = biv	COPd	2,8				
Tj = TOL	Pdh	23,9	kW	Tj = TOL	COPd	2,8				
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	1,00	-	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}	0,016	kW	Rated heat output		P _{sup}	0,0	kW		
Thermostat-off mode	P _{TO}	0	kW							
Standby mode	P _{SB}	0,022	kW	Type of energy input		Electric				
Crankcase heater mode	P _{CK}	0,008	kW							
<i>Other items</i>										
Capacity control		Variable		Rated air flow rate, outdoors				m ³ /h		
Sound power level, indoors/outdoors		L _{WA}	47/-	dB	Rated water flow rate, indoor heat exchanger				m ³ /h	
Annual energy consumption		Q _{HE}	13063	kWh	Rated brine or water flow rate, outdoor heat exchanger		2,30		m ³ /h	
<i>For heat pump combination heater:</i>										
Declared load profile				Water heating energy efficiency		η_{wh}	95	%		
Daily electricity consumption		Q _{elec}	10,31	kWh	Daily fuel consumption		Q _{fuel}		kWh	
Annual electricity consumption		AEC	2264	kWh	Annual fuel consumption		AFC		GJ	
Approved by:										
Contact details		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden								