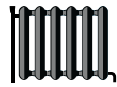




ENERGY

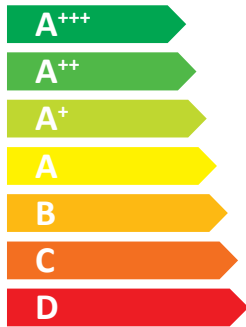


NIBE S1156-8



55 °C

35 °C



36 dB



dB

7,5

7,5

7,5

kW

7,5

7,5

7,5

kW



2019

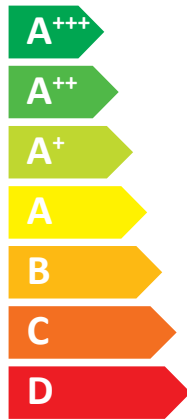
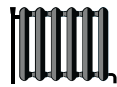
811/2013



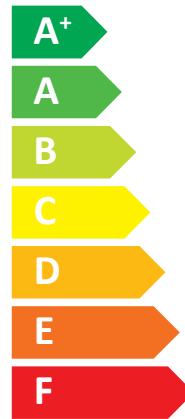
ENERGY



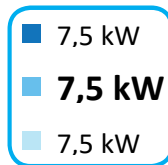
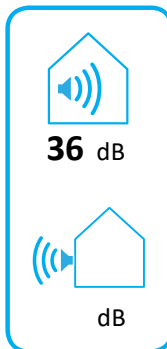
NIBE S1156-8 + VPB S300



A+++



A+



2019

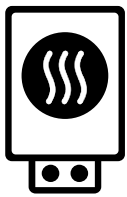
811/2013



ENERGY

NIBE

NIBE S1156-8 + VPB S300



A+++



A+



XL



A+++

A++

A+

A

B

C

D

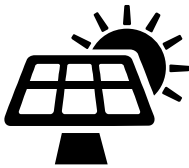
E

F

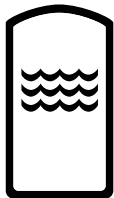
G

A+++

+



+



+



+



XL

A+++

A++

A+

A

B

C

D

E

F


G

A+

Supplier's name:	NIBE AB		
Model:	NIBE S1156-8 + VPB S300		
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:	7,5	7,5	kW
Annual energy consumption for space heating, average climate	2732	3637	kWh
Annual electricity consumption for water heating, average climate	1318		kWh
Seasonal space heating energy efficiency, average climate:	219	162	%
Water heating energy efficiency, average climate:	127		%
Sound power level LWA indoors	36		dB
Rated heat output, cold climate:	7,5	7,5	kW
Rated heat output, warm climate:	7,5	7,5	kW
Annual energy consumption for space heating, cold climate	3107	4167	kWh
Annual electricity consumption for water heating, cold climate	1318		kWh
Annual energy consumption for space heating, warm climate	1765	2346	kWh
Annual electricity consumption for water heating, warm climate	1318		kWh
Seasonal space heating energy efficiency, cold climate:	230	169	%
Water heating energy efficiency, cold climate:	127		%
Seasonal space heating energy efficiency, warm climate:	219	163	%
Water heating energy efficiency, warm climate:	127		%
Sound power level LWA outdoors			dB

Data for package fiche with SMO or VVM

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	223	166	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	234	173	%
Seasonal space heating energy efficiency of package, warm climate:	223	167	%

Model(s):		NIBE S1156-8 + VPB S300							
Type of heat source/sink:		Brine/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	7,5	kW	Seasonal space heating energy efficiency		η_s	162	%
<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	6,6	kW		Tj = -7 °C	COPd	3,25		
Tj = +2 °C	Pdh	4,0	kW		Tj = +2 °C	COPd	4,26		
Tj = +7 °C	Pdh	2,6	kW		Tj = +7 °C	COPd	5,02		
Tj = +12 °C	Pdh	1,8	kW		Tj = +12 °C	COPd	5,40		
Tj = biv	Pdh	7,5	kW		Tj = biv	COPd	3,03		
Tj = TOL	Pdh	7,5	kW		Tj = TOL	COPd	3,03		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW		Tj = -15 °C (if TOL < -20 °C)	COPd			
Bivalent temperature					Operation limit temperature				
	T _{biv}	-10	°C			TOL	-10	°C	
Cycling interval capacity for heating					Cycling interval efficiency				
	P _{ych}		kW			COP _{cyc}		-	
Degradation co-efficient					Heating water operating limit				
	C _{dh}	0,99	-			WTOL	65	°C	
<i>Power consumption in modes other than active mode</i>					<i>Supplementary heater</i>				
Off mode					Rated heat output				
	P _{OFF}	0,003	kW			P _{sup}	0,0	kW	
Thermostat-off mode									
	P _{TO}	0,003	kW		Type of energy input				
Standby mode					Electric				
	P _{SB}	0,008	kW						
Crankcase heater mode									
	P _{CK}	0,010	kW						
<i>Other items</i>									
Capacity control					Rated air flow rate, outdoors				
	Variable								m ³ /h
Sound power level, indoors/outdoors					Rated water flow rate, indoor heat exchanger				
	L _{WA}	36,1/-	dB						m ³ /h
Annual energy consumption					Rated brine or water flow rate, outdoor heat exchanger				
	Q _{HE}	3637	kWh				1,68		m ³ /h
<i>For heat pump combination heater:</i>									
Declared load profile		XL			Water heating energy efficiency		η_{wh}	127	%
Daily electricity consumption					Daily fuel consumption				
	Q _{elec}	6,250	kWh			Q _{fuel}		kWh	
Annual electricity consumption					Annual fuel consumption				
	AEC	1318	kWh			AFC		GJ	
Contact details		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden							