

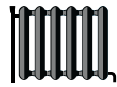


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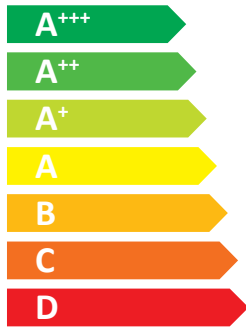
NIBE

NIBE S1156-8



55 °C

35 °C



A+++

A+++



36 dB



dB

■ 7,5
■ **7,5**
■ 7,5
kW

■ 7,5
■ **7,5**
■ 7,5
kW



2019

811/2013

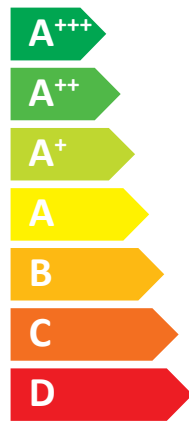
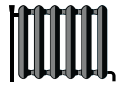


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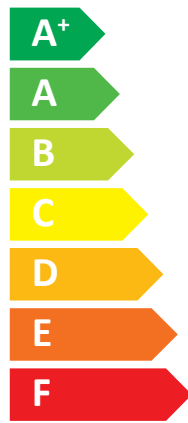
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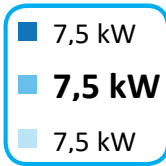
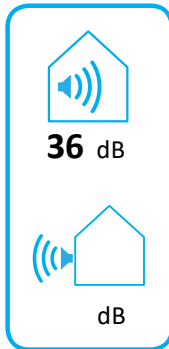
NIBE S1156-8 + VPB S300



A+++



A+



2019

811/2013



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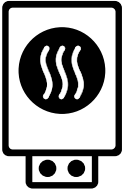





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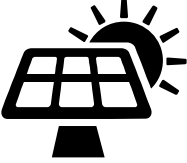
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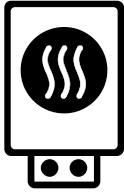
NIBE S1156-8 + VPB S300











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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				T _{biv}	-10	°C	Operation limit temperature				
Cycling interval capacity for heating				P _{cyh}		kW	Cycling interval efficiency		COP _{cyh}	-	
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	P _{OFF}	0,003	kW	Rated heat output		P _{sup}	0,0	kW			
Thermostat-off mode	P _{TO}	0,003	kW								
Standby mode	P _{SB}	0,008	kW	Type of energy input		Electric					
Crankcase heater mode	P _{CK}	0,010	kW								
<i>Other items</i>											
Capacity control				Variable			Rated air flow rate, outdoors				m ³ /h
Sound power level, indoors/outdoors				L _{WA}	36,1/-	dB	Rated water flow rate, indoor heat exchanger				m ³ /h
Annual energy consumption				Q _{HE}	3637	kWh	Rated brine or water flow rate, outdoor heat exchanger		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				Q _{elec}	6,250	kWh	Daily fuel consumption		Q _{fuel}	kWh	
Annual electricity consumption				AEC	1318	kWh	Annual fuel consumption		AFC	GJ	
Contact details		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden									