



ENERG
енергия · ενέργεια

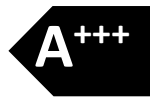
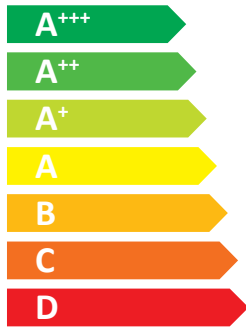


NIBE S1156-8 W/W



55 °C

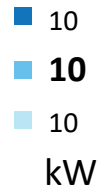
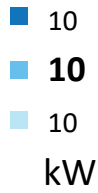
35 °C



36 dB



dB



2019

811/2013



ENERG

енергия · ενεργεια

Y

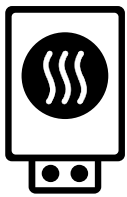
IJA

IE

IA

NIBE

NIBE S1156-8 W/W



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

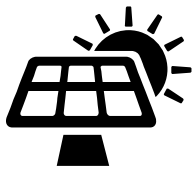
D

E

F

G

+



+



+




+



Supplier's name:	NIBE AB		
Model:	NIBE S1156-8 W-W		
Temperature application	35	55	°C
Declared load profile for water heating			
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:			
Rated heat output, average climate:	10,0	10,0	kW
Annual energy consumption for space heating, average climate	2624	3669	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	307	217	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	36		dB
Rated heat output, cold climate:	10,0	10,0	kW
Rated heat output, warm climate:	10,0	10,0	kW
Annual energy consumption for space heating, cold climate	2915	4138	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	1672	2330	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	330	230	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	312	221	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors			dB

Data for package fiche with

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	311	221	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	334	234	%
Seasonal space heating energy efficiency of package, warm climate:	316	225	%

Model(s):				NIBE S1156-8 W-W							
Type of heat source/sink:				Water/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	10,0	kW	Seasonal space heating energy efficiency				
							η_s	217	%		
<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	8,9	kW	Tj = -7 °C				
Tj = +2 °C				Pdh	5,5	kW	Tj = +2 °C				
Tj = +7 °C				Pdh	3,5	kW	Tj = +7 °C				
Tj = +12 °C				Pdh	2,0	kW	Tj = +12 °C				
Tj = biv				Pdh	10,0	kW	Tj = biv				
Tj = TOL				Pdh	10,0	kW	Tj = TOL				
Tj = -15 °C (if TOL < -20 °C)				Pdh		kW	Tj = -15 °C (if TOL < -20 °C)				
Bivalent temperature				T _{biv}	-10	°C	Operation limit temperature				
Cycling interval capacity for heating				P _{cyh}		kW	Cycling interval efficiency				
Degradation co-efficient				Cdh	0,94	-	Heating water operating limit				
							TOL	-10	°C		
							COP _{cyh}		-		
							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				
Thermostat-off mode				P _{TO}	0,015	kW	P _{sup}				
Standby mode				P _{SB}	0,008	kW	0,0				
Crankcase heater mode				P _{CK}	0,010	kW	kW				
							Type of energy input				
							Electric				
<i>Other items</i>											
Capacity control				Variable			Rated air flow rate, outdoors				
Sound power level, indoors/outdoors				L _{WA}	36/-	dB	Rated water flow rate, indoor heat exchanger				
Annual energy consumption				Q _{HE}	3669	kWh	Rated brine or water flow rate, outdoor heat exchanger				
							1,28				
							m ³ /h				
							m ³ /h				
							m ³ /h				
<i>For heat pump combination heater:</i>											
Declared load profile								Water heating energy efficiency			
								η_{wh}			
Daily electricity consumption				Q _{elec}		kWh	Daily fuel consumption				
Annual electricity consumption				AEC		kWh	Q _{fuel}				
							AFC				
							GJ				
Contact details				© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							