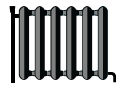




ENERGY

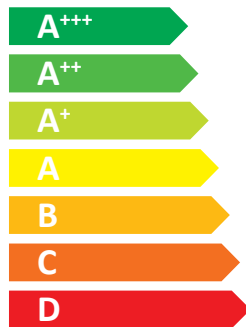


NIBE S1156-18



55 °C

35 °C



A⁺⁺⁺

A⁺⁺⁺



39 dB



dB

15
15
15
kW

15
15
15
kW



2019

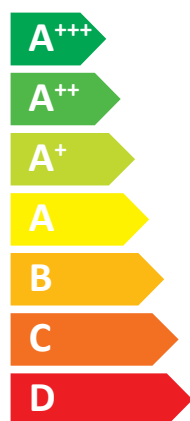
811/2013



ENERGY



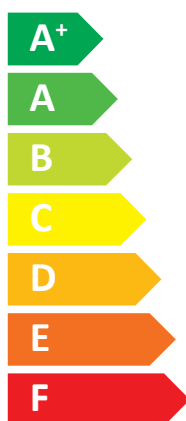
NIBE S1156-18 + VPB S300



A+++



XXL



A+



39 dB



dB



- 15 kW
- 15 kW
- 15 kW



ENERGY

NIBE

NIBE S1156-18 + VPB S300



A+++



A+



A+++

A++

A+

A

B

C

D

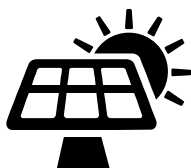
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A+

Supplier's name:	NIBE AB		
Model:	NIBE S1156-18 + 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:	15,1	15,1	kW
Annual energy consumption for space heating, average climate	5252	7064	kWh
Annual electricity consumption for water heating, average climate	1636		kWh
Seasonal space heating energy efficiency, average climate:	230	169	%
Water heating energy efficiency, average climate:	132		%
Sound power level LWA indoors	39		dB
Rated heat output, cold climate:	15,1	15,1	kW
Rated heat output, warm climate:	15,1	15,1	kW
Annual energy consumption for space heating, cold climate	5988	8098	kWh
Annual electricity consumption for water heating, cold climate	1636		kWh
Annual energy consumption for space heating, warm climate	3352	4515	kWh
Annual electricity consumption for water heating, warm climate	1636		kWh
Seasonal space heating energy efficiency, cold climate:	241	176	%
Water heating energy efficiency, cold climate:	132		%
Seasonal space heating energy efficiency, warm climate:	233	171	%
Water heating energy efficiency, warm climate:	132		%
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:	234	173	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	245	180	%
Seasonal space heating energy efficiency of package, warm climate:	237	175	%

Model(s):				NIBE S1156-18 + 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	15,1	kW	Seasonal space heating energy efficiency			ηs	169	%
<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	13,7	kW	Tj = -7 °C			COPd	3,37			
Tj = +2 °C	Pdh	8,3	kW	Tj = +2 °C			COPd	4,36			
Tj = +7 °C	Pdh	5,4	kW	Tj = +7 °C			COPd	5,21			
Tj = +12 °C	Pdh	3,5	kW	Tj = +12 °C			COPd	5,66			
Tj = biv	Pdh	15,2	kW	Tj = biv			COPd	3,12			
Tj = TOL	Pdh	15,2	kW	Tj = TOL			COPd	3,12			
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	Pcyh		kW	Cycling interval efficiency			COPcyc		-		
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}	0,004	kW	Rated heat output			P _{sup}	0,0	kW		
Thermostat-off mode	P _{TO}	0,005	kW								
Standby mode	P _{SB}	0,009	kW	Type of energy input			Electric				
Crankcase heater mode	P _{CK}	0,012	kW								
<i>Other items</i>											
Capacity control	Variable			Rated air flow rate, outdoors					m³/h		
Sound power level, indoors/outdoors	L _{WA}	39/-	dB	Rated water flow rate, indoor heat exchanger					m³/h		
Annual energy consumption	Q _{HE}	7064	kWh	Rated brine or water flow rate, outdoor heat exchanger				2,99	m³/h		
<i>For heat pump combination heater:</i>											
Declared load profile			XXL			Water heating energy efficiency			η _{wh}	132	%
Daily electricity consumption	Q _{elec}	7,449	kWh	Daily fuel consumption			Q _{fuel}		kWh		
Annual electricity consumption	AEC	1636	kWh	Annual fuel consumption			AFC		GJ		
Contact details				© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							