

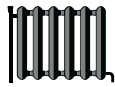


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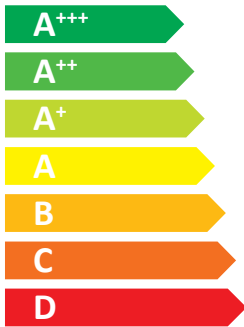
NIBE

NIBE F1126-6



55 °C

35 °C



A++

A++



43 dB



dB

■ 6
■ 6
■ 6
kW

■ 7
■ 7
■ 7
kW



2019

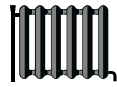
811/2013



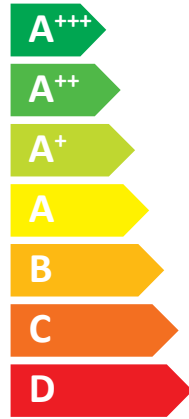
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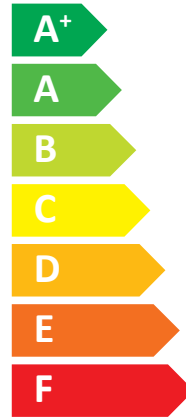
NIBE F1126-6 + VPB300



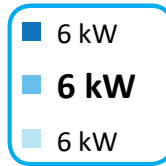
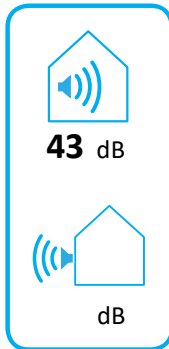
XXL



A++



A



2019

811/2013



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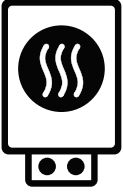




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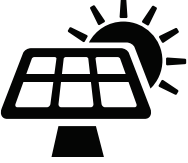
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NIBE


NIBE F1126-6 + VPB300

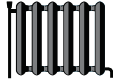











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Supplier's name:	NIBE		
Model:	NIBE F1126-6 (+VPB 300)		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
Seasonal space heating energy efficiency class, average climate:	A++	A++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	7	6	kW
Annual energy consumption for space heating, average climate	3102	3757	kWh
Annual electricity consumption for water heating, average climate	2178		kWh
Seasonal space heating energy efficiency, average climate:	168	128	%
Water heating energy efficiency, average climate:	99		%
Sound power level LWA indoors	43		dB
Rated heat output, cold climate:	7	6	kW
Rated heat output, warm climate:	7	6	kW
Annual energy consumption for space heating, cold climate	3609	4364	kWh
Annual electricity consumption for water heating, cold climate	2178		kWh
Annual energy consumption for space heating, warm climate	2029	2470	kWh
Annual electricity consumption for water heating, warm climate	2178		kWh
Seasonal space heating energy efficiency, cold climate:	172	132	%
Water heating energy efficiency, cold climate:	99		%
Seasonal space heating energy efficiency, warm climate:	166	126	%
Water heating energy efficiency, warm climate:	99		%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	III		
Controller contribution to efficiency	1,5		%
Seasonal space heating energy efficiency of package, average climate:	169	130	%
Seasonal space heating energy efficiency class for package, average climate:	A++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	174	134	%
Seasonal space heating energy efficiency of package, warm climate:	167	128	%

Model(s):		NIBE F1126-6 + VPB300										
Type of heat source/sink:		Brine-to-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 and EN12102												
Rated heat output		Prated	6,20	kW	Seasonal space heating energy efficiency		η_s	128	%			
<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	5,0	kW	Tj = -7 °C	COPd	2,91	kW					
Tj = +2 °C	Pdh	5,2	kW	Tj = +2 °C	COPd	3,44	kW					
Tj = +7 °C	Pdh	5,3	kW	Tj = +7 °C	COPd	3,79	kW					
Tj = +12 °C	Pdh	5,4	kW	Tj = +12 °C	COPd	4,17	kW					
Tj = biv	Pdh	5,0	kW	Tj = biv	COPd	3,06	kW					
Tj = TOL	Pdh	4,9	kW	Tj = TOL	COPd	2,71	kW					
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW					
Bivalent temperature				T _{biv}	-5	°C		Operation limit temperature		TOL	-10	°C
Cycling interval capacity for heating				P _{cyh}		kW		Cycling interval efficiency		COP _{cyh}		-
Degradation co-efficient				Cdh	1,00	-		Heating water operating limit		WTOL	63	°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}	1,3	kW				
Thermostat-off mode	P _{TO}	0	kW	Type of energy input		Electric						
Standby mode	P _{SB}	0,007	kW									
Crankcase heater mode	P _{CK}	0,014	kW									
<i>Other items</i>												
Capacity control				fixed		Rated air flow rate, outdoors				m ³ /h		
Sound power level, indoors/outdoors				L _{WA}	43/-	Rated water flow rate, indoor heat exchanger		0,54		m ³ /h		
Annual energy consumption				Q _{HE}	3757	Rated brine or water flow rate, outdoor heat exchanger		0,92		m ³ /h		
<i>For heat pump combination heater:</i>												
Declared load profile		XXL		Water heating energy efficiency		η_{wh}	99	%				
Daily electricity consumption		Q _{elec}	9,92	Daily fuel consumption		Q _{fuel}		kWh				
Annual electricity consumption		AEC	2178	Annual fuel consumption		AFC		GJ				
Approved by:												
Contact details		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden										