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NIBE

NIBE F1126-5



55 °C

35 °C



A+

A++



43 dB



dB

■ 5
■ 5
■ 5

kW

■ 5
■ 5
■ 5

kW



2015

811/2013

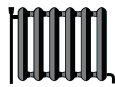


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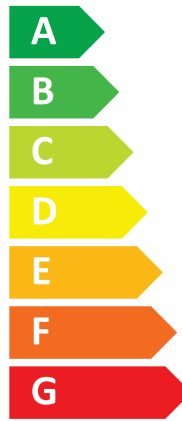
NIBE F1126-5 + VPB300



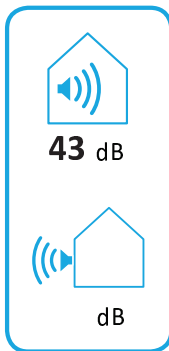
XXL



A+



A



2015

811/2013



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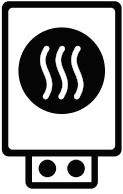




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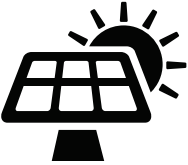
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NIBE F1126-5 + VPB300

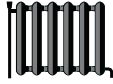











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Supplier's name:	NIBE		
Model:	NIBE F1126-5 (+VPB 300)		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
Seasonal space heating energy efficiency class, average climate:	A++	A+	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	5	5	kW
Annual energy consumption for space heating, average climate	2426	3141	kWh
Annual electricity consumption for water heating, average climate	2299		kWh
Seasonal space heating energy efficiency, average climate:	162	124	%
Water heating energy efficiency, average climate:	94		%
Sound power level LWA indoors	43		dB
Rated heat output, cold climate:	5	5	kW
Rated heat output, warm climate:	5	5	kW
Annual energy consumption for space heating, cold climate	2822	3672	kWh
Annual electricity consumption for water heating, cold climate	2299		kWh
Annual energy consumption for space heating, warm climate	1583	2045	kWh
Annual electricity consumption for water heating, warm climate	2299		kWh
Seasonal space heating energy efficiency, cold climate:	167	126	%
Water heating energy efficiency, cold climate:	94		%
Seasonal space heating energy efficiency, warm climate:	161	123	%
Water heating energy efficiency, warm climate:	94		%
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:	164	125	%
Seasonal space heating energy efficiency class for package, average climate:	A++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	168	128	%
Seasonal space heating energy efficiency of package, warm climate:	162	124	%

Model(s):		NIBE F1126-5 (+VPB 300)							
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 and EN16147									
Rated heat output		Prated	5,0	kW	Seasonal space heating energy efficiency		η_s	124	%
<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	3,3	kW		Tj = -7 °C	COPd	2,84	-	
Tj = +2 °C	Pdh	3,9	kW		Tj = +2 °C	COPd	3,44	-	
Tj = +7 °C	Pdh	4,1	kW		Tj = +7 °C	COPd	3,68	-	
Tj = +12 °C	Pdh	4,3	kW		Tj = +12 °C	COPd	3,86	-	
Tj = biv	Pdh	3,6	kW		Tj = biv	COPd	3,18	-	
Tj = TOL	Pdh	3,1	kW		Tj = TOL	COPd	2,59	-	
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW		Tj = -15 °C (if TOL < -20 °C)	COPd		-	
Bivalent temperature					T _{biv}	-3	°C	Operation limit temperature	
Cycling interval capacity for heating					P _{cyh}		kW	Cycling interval efficiency	
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}	0,002	kW		Rated heat output		P _{sup}	1,9	kW
Thermostat-off mode	P _{TO}	0,008	kW						
Standby mode	P _{SB}	0,007	kW		Type of energy input		Electric		
Crankcase heater mode	P _{CK}	0,008	kW						
<i>Other items</i>									
Capacity control	fixed				Rated air flow rate, outdoors				m ³ /h
Sound power level, indoors/outdoors	L _{WA}	43/-	dB		Rated water flow rate, indoor heat exchanger			0,33	m ³ /h
Annual energy consumption	Q _{HE}	3141	kWh		Rated brine or water flow rate, outdoor heat exchanger			0,57	m ³ /h
<i>For heat pump combination heater:</i>									
Declared load profile		XXL			Water heating energy efficiency		η_{wh}	94	%
					Daily electricity consumption		Q _{elec}	10,47	kWh
					Annual electricity consumption		AEC	2299	kWh
					Daily fuel consumption		Q _{fuel}		kWh
					Annual fuel consumption		AFC		GJ
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							