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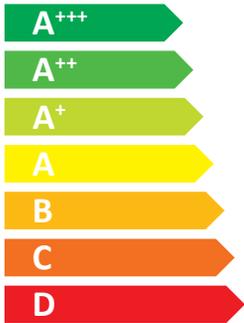
NIBE

NIBE F1245-6



55 °C

35 °C



A++

A+++



42 dB



dB

■ 7
■ 7
■ 7
kW

■ 7
■ 7
■ 7
kW



2019

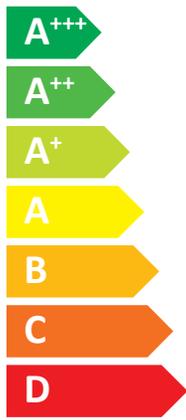
811/2013



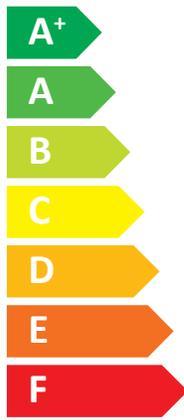
ENERG Y IJA
 енергия · ενέργεια IE IA

NIBE

NIBE F1245-6



A⁺⁺



A

42 dB

dB



- 7 kW
- 7 kW
- 7kW

2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE F1245-6

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Supplier's name:	NIBE		
Model:	NIBE F1245-6		
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	7	kW
Annual energy consumption for space heating, average climate	3151	3640	kWh
Annual electricity consumption for water heating, average climate	1709		kWh
Seasonal space heating energy efficiency, average climate:	178	140	%
Water heating energy efficiency, average climate:	98		%
Sound power level LWA indoors	42		dB
Rated heat output, cold climate:	7	7	kW
Rated heat output, warm climate:	7	7	kW
Annual energy consumption for space heating, cold climate	3577	4201	kWh
Annual electricity consumption for water heating, cold climate	1709		kWh
Annual energy consumption for space heating, warm climate	2080	2447	kWh
Annual electricity consumption for water heating, warm climate	1709		kWh
Seasonal space heating energy efficiency, cold climate:	185	145	%
Water heating energy efficiency, cold climate:	98		%
Seasonal space heating energy efficiency, warm climate:	177	138	%
Water heating energy efficiency, warm climate:	98		%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	VII		
Controler contribution to efficiency	3,5		%
Seasonal space heating energy efficiency of package, average climate:	182	143	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	188	148	%
Seasonal space heating energy efficiency of package, warm climate:	181	142	%

Model(s):	NIBE F1245-6			NIBE			
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	6,50	kW	Seasonal space heating energy efficiency	η_s	140	%
<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	5,3	kW	Tj = -7 °C	COPd	3,16	kW
Tj = +2 °C	Pdh	5,5	kW	Tj = +2 °C	COPd	3,75	kW
Tj = +7 °C	Pdh	5,6	kW	Tj = +7 °C	COPd	4,12	kW
Tj = +12 °C	Pdh	5,8	kW	Tj = +12 °C	COPd	4,53	kW
Tj = biv	Pdh	5,4	kW	Tj = biv	COPd	3,32	kW
Tj = TOL	Pdh	5,2	kW	Tj = TOL	COPd	2,93	kW
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW
Bivalent temperature				Operation limit temperature			
	T _{biv}	-5	°C		TOL	-10	°C
Cycling interval capacity for heating				Cycling interval efficiency			
	P _{cyh}		kW		COP _{cyh}		-
Degradation co-efficient				Heating water operating limit			
	Cdh	1,00	-		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}	1,3	kW
Thermostat-off mode	P _{TO}	0	kW	Type of energy input			
Standby mode	P _{SB}	0,007	kW	Electric			
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}	42/-	dB	Rated water flow rate, indoor heat exchanger		0,56	m ³ /h
Annual energy consumption	Q _{HE}	3640	kWh	Rated brine or water flow rate, outdoor heat exchanger		0,99	m ³ /h
<i>For heat pump combination heater:</i>							
Declared load profile	XL			Water heating energy efficiency	η_{wh}	98	%
Daily electricity consumption	Q _{elec}	7,78	kWh	Daily fuel consumption	Q _{fuel}		kWh
Annual electricity consumption	AEC	1709	kWh	Annual fuel consumption	AFC		GJ
Approved by:							
Contact details	© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden						