



ENERG Y IJA
енергия · ενέργεια IE IA



NIBE F2030-7



55 °C

35 °C



A++

A++



dB



58 dB



kW



kW



2015

811/2013



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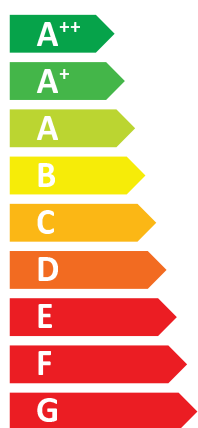
NIBE F2030-7 + VVM310



55°C



XL



A++

A

A

B

C

D

E

F

G



35 dB



58 dB



■ 7 kW
■ 7 kW
■ 9 kW

2015

811/2013



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Y

IJA

IE

IA

 **NIBE**

NIBE F2030-7



35 °C



A⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

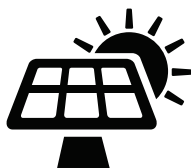
D

E

F

G

+



+



+



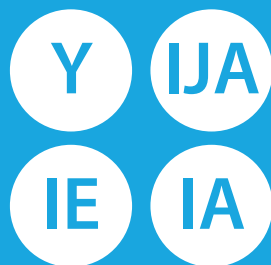
+





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NIBE

NIBE F2030-7 + VVM310



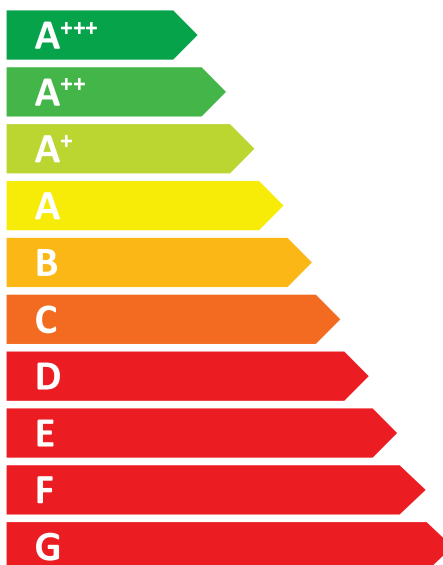
A⁺⁺



A

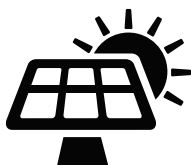


55 °C



A⁺⁺

+



+



+



+



A

Supplier's name:	NIBE		
Model:	NIBE F2030-7+ VVM 310		
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:	6,6	7,0	kW
Annual energy consumption for space heating, average climate	3431	4327	kWh
Annual electricity consumption for water heating, average climate	1667		kWh
Seasonal space heating energy efficiency, average climate:	156	131	%
Water heating energy efficiency, average climate:	100		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	5,5	6,5	kW
Rated heat output, warm climate:	8,5	8,8	kW
Annual energy consumption for space heating, cold climate	3745	5121	kWh
Annual electricity consumption for water heating, cold climate	1918		kWh
Annual energy consumption for space heating, warm climate	2501	2976	kWh
Annual electricity consumption for water heating, warm climate	1572		kWh
Seasonal space heating energy efficiency, cold climate:	142	122	%
Water heating energy efficiency, cold climate:	87		%
Seasonal space heating energy efficiency, warm climate:	179	155	%
Water heating energy efficiency, warm climate:	107		%
Sound power level LWA outdoors	58		dB

Data for package fiche

Controller class	VII		
Controller contribution to efficiency	3,5		%
Seasonal space heating energy efficiency of package, average climate:	159	134	%
Seasonal space heating energy efficiency class for package, average climate:	A++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	145	126	%
Seasonal space heating energy efficiency of package, warm climate:	182	159	%

Model(s):		NIBE F2030-7+ VVM 310							
Type of heat source/sink:		Air-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	7,0	kW	Seasonal space heating energy efficiency		ηs	131	%
Declared capacity for part load at outdoor temperature Tj					Declared coefficient of performance for part load at outdoor temperature Tj				
Tj = -7 °C	Pdh	5,1	kW	Tj = -7 °C	COPd	2,5	-		
Tj = +2 °C	Pdh	5,9	kW	Tj = +2 °C	COPd	3,45	-		
Tj = +7 °C	Pdh	7,3	kW	Tj = +7 °C	COPd	4,38	-		
Tj = +12 °C	Pdh	7,8	kW	Tj = +12 °C	COPd	4,66	-		
Tj = biv	Pdh	5,3	kW	Tj = biv	COPd	2,78	-		
Tj = TOL	Pdh	4,9	kW	Tj = TOL	COPd	2,30	-		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-		
Bivalent temperature	Tbiv	-4	°C	Operation limit temperature	TOL	-10	°C		
Cycling interval capacity for heating	Pcyh		kW	Cycling interval efficiency	COPcyc		-		
Degradation co-efficient	Cdh	0,98	-	Heating water operating limit	WTOL	65	°C		
Power consumption in modes other than active mode					Supplementary heater				
Off mode	P _{OFF}	0,002	kW	Rated heat output	P _{sup}	2,1	kW		
Thermostat-off mode	P _{TO}	0,01	kW						
Standby mode	P _{SB}	0,015	kW	Type of energy input	Electric				
Crankcase heater mode	P _{CK}	0,031	kW						
Other items									
Capacity control	fixed			Rated air flow rate, outdoors		3000	m³/h		
Sound power level, indoors/outdoors	L _{WA}	35/58	dB	Rated water flow rate, indoor heat exchanger		0,82	m³/h		
Annual energy consumption	Q _{HE}	4313	kWh	Rated brine or water flow rate, outdoor heat exchanger			m³/h		
For heat pump combination heater:									
Declared load profile		XL		Water heating energy efficiency		η _{lwh}	100	%	
Daily electricity consumption	Q _{elec}	7,59	kWh	Daily fuel consumption	Q _{fuel}		kWh		
Annual electricity consumption	AEC	1667	kWh	Annual fuel consumption	AFC		GJ		
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							