



**ENERG**  
енергия · ενέργεια



**NIBE**

NIBE F2030-9



55 °C

35 °C



**A++**

**A++**



dB



**58** dB



kW



kW



2015

811/2013



**ENERG**  
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**NIBE**

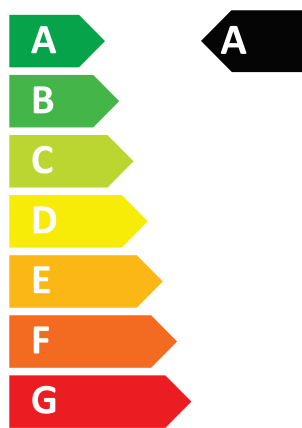
NIBE F2030-9 + VVM310



55°C



XL



35 dB



58 dB



8 kW  
9 kW  
11 kW

2015

811/2013



# ENERG

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Y

IJA

IE

IA

 **NIBE**

NIBE F2030-9



35 °C



A<sup>++</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

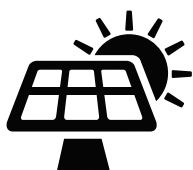
D

E

F

G

+



+



+



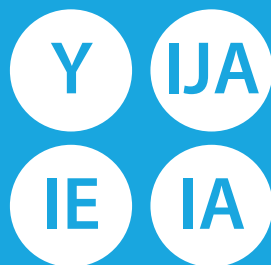
+





# ENERG

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**NIBE**

NIBE F2030-9 + VVM310



A<sup>++</sup>



A



55 °C

A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

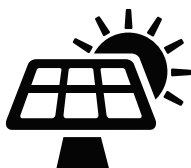
E

F

G

A<sup>++</sup>

+



+



+



+



XL

A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F


G

A

Supplier's name:	<b>NIBE</b>		
Model:	<b>NIBE F2030-9+ VVM 310</b>		
Temperature application	<b>35</b>	<b>55</b>	°C
Declared load profile for water heating	<b>XL</b>		
Seasonal space heating energy efficiency class, average climate:	<b>A++</b>	<b>A++</b>	
Water heating energy efficiency class, average climate:	<b>A</b>		
Rated heat output, average climate:	8,3	8,9	kW
Annual energy consumption for space heating, average climate	4431	5508	kWh
Annual electricity consumption for water heating, average climate	1662		kWh
Seasonal space heating energy efficiency, average climate:	152	131	%
Water heating energy efficiency, average climate:	101		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	8,0	8,2	kW
Rated heat output, warm climate:	11	11,4	kW
Annual energy consumption for space heating, cold climate	5458	6555	kWh
Annual electricity consumption for water heating, cold climate	1902		kWh
Annual energy consumption for space heating, warm climate	3317	3920	kWh
Annual electricity consumption for water heating, warm climate	1577		kWh
Seasonal space heating energy efficiency, cold climate:	142	120	%
Water heating energy efficiency, cold climate:	88		%
Seasonal space heating energy efficiency, warm climate:	174	152	%
Water heating energy efficiency, warm climate:	106		%
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:	155	134	%
Seasonal space heating energy efficiency class for package, average climate:	<b>A++</b>	<b>A++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	145	124	%
Seasonal space heating energy efficiency of package, warm climate:	178	156	%

Model(s):				NIBE F2030-9+ 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	8,9	kW	Seasonal space heating energy efficiency			$\eta_s$	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	7,0	kW	Tj = -7 °C			COPd	2,6	kW
Tj = +2 °C			Pdh	7,9	kW	Tj = +2 °C			COPd	3,35	kW
Tj = +7 °C			Pdh	8,4	kW	Tj = +7 °C			COPd	4,18	kW
Tj = +12 °C			Pdh	10,8	kW	Tj = +12 °C			COPd	4,57	kW
Tj = biv			Pdh	7,2	kW	Tj = biv			COPd	2,74	kW
Tj = TOL			Pdh	6,6	kW	Tj = TOL			COPd	2,36	kW
Tj = -15 °C (if TOL < -20 °C)			Pdh		kW	Tj = -15 °C (if TOL < -20 °C)			COPd		kW
Bivalent temperature			Tbiv	-5,1	°C	Operation limit temperature			TOL	-10	°C
Cycling interval capacity for heating			Pcyc		kW	Cycling interval efficiency			COPcyc		-
Degradation co-efficient			Cdh	0,99	-	Heating water operating limit			WTOL	65	°C
Power consumption in modes other than active mode						Supplementary heater					
Off mode			P <sub>OFF</sub>	0,002	kW	Rated heat output			Psup	2,3	kW
Thermostat-off mode			P <sub>TO</sub>	0,012	kW						
Standby mode			P <sub>SB</sub>	0,015	kW	Type of energy input			Electric		
Crankcase heater mode			P <sub>CK</sub>	0,031	kW						
Other items											
Capacity control			fixed			Rated air flow rate, outdoors				3000	m³/h
Sound power level, indoors/outdoors			L <sub>WA</sub>	35/58	dB	Rated water flow rate, indoor heat exchanger				1,11	m³/h
Annual energy consumption			Q <sub>HE</sub>	5508	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			$\eta_{wh}$	101	%
Daily electricity consumption			Q <sub>elec</sub>	7,57	kWh	Daily fuel consumption			Q <sub>fuel</sub>		kWh
Annual electricity consumption			AEC	1662	kWh	Annual fuel consumption			AFC		GJ
Approved by:											
Contact details			© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								