

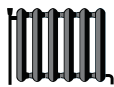


**ENERG**  
енергия · ενεργεια

Y IJA  
IE IA

**NIBE**

NIBE F2030-7



55 °C

35 °C



**A++**

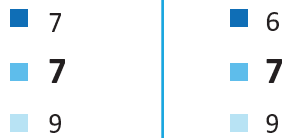
**A++**



**35** dB



**58** dB



kW

kW



2015

811/2013



**ENERG**  
енергия · ενεργεια

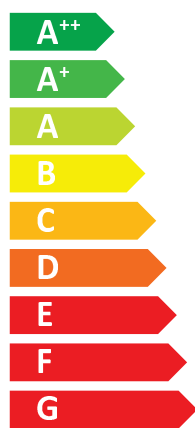
Y IJA  
IE IA

**NIBE**

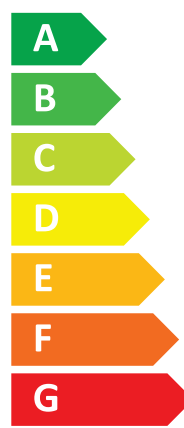
NIBE F2030-7 + VVM310

 55°C

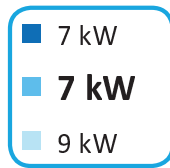
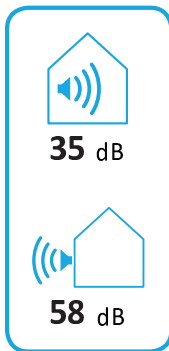
 XL



**A++**



**A**



2015

811/2013



# ENERG

енергия · ενεργεια

Y

IJA

IE

IA

**NIBE**

NIBE F2030-7

 35 °C



A<sup>++</sup>

A<sup>+++</sup>

A<sup>++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

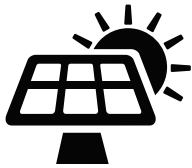
D

E

F

G

+



+



+



+





# ENERG

енергия · ενέργεια

Y

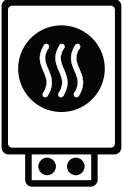
IJA


IE


IA

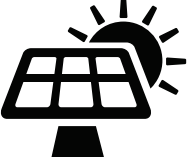
**NIBE**


## NIBE F2030-7 + VVM310





**A<sup>++</sup>** 

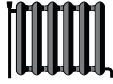
**A**  XL


+ 

+ 


+ 


+ 

 55 °C



**A<sup>++</sup>**

 XL




**A**

Supplier's name:	<b>NIBE</b>		
Model:	<b>NIBE F2030-7+ 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:	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:	<b>A++</b>	<b>A++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	145	126	%
Seasonal space heating energy efficiency of package, warm climate:	182	159	%

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