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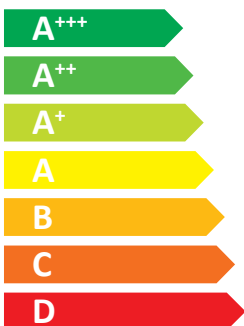


NIBE F730



55 °C

35 °C



**A++**

**A++**



**44** dB



dB

■ 5  
■ **5**  
■ 5  
kW

■ 5  
■ **5**  
■ 5  
kW



2019

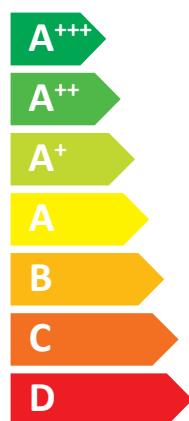
811/2013



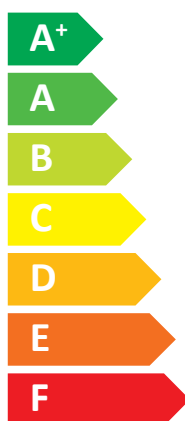
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NIBE F730



A++



A



44 dB



dB



■ 5 kW  
■ 5 kW  
■ 5 kW

2019

811/2013



# ENERG

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Y

IJA

IE

IA

**NIBE**

## NIBE F730



A<sup>++</sup>



A



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

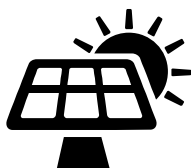
E

F

G

A<sup>++</sup>

+



+



+



+



A<sup>+++</sup>

A<sup>++</sup>

A<sup>+</sup>

A

B

C

D

E

F

G


A

## Product fiche

Supplier's name:	<b>NIBE</b>		
Model:	<b>NIBE F730</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:	5	5	kW
Annual energy consumption for space heating, average climate	2135	2750	kWh
Annual electricity consumption for water heating, average climate	1537		kWh
Seasonal space heating energy efficiency, average climate:	171	132	%
Water heating energy efficiency, average climate:	110		%
Sound power level LWA indoors	44		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	2386	3107	kWh
Annual electricity consumption for water heating, cold climate	1537		kWh
Annual energy consumption for space heating, warm climate	1354	1766	kWh
Annual electricity consumption for water heating, warm climate	1537		kWh
Seasonal space heating energy efficiency, cold climate:	183	140	%
Water heating energy efficiency, cold climate:	110		%
Seasonal space heating energy efficiency, warm climate:	175	133	%
Water heating energy efficiency, warm climate:	110		%
Sound power level LWA outdoors	-	-	dB

## Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	175	136	%
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:	187	144	%
Seasonal space heating energy efficiency of package, warm climate:	179	137	%

<b>Model(s):</b>		<b>NIBE F730</b>							
Type of heat source/sink:		Exhaust 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, EN14511, EN16147 och EN12102									
<b>Rated heat output</b>		Prated	4,5	kW	<b>Seasonal space heating energy efficiency</b>		ηs	132	%
<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	4,0	kW	Tj = -7 °C		COPd	2,3	kW	
Tj = +2 °C	Pdh	2,4	kW	Tj = +2 °C		COPd	3,4	kW	
Tj = +7 °C	Pdh	1,6	kW	Tj = +7 °C		COPd	4,4	kW	
Tj = +12 °C	Pdh	1,7	kW	Tj = +12 °C		COPd	4,2	kW	
Tj = biv	Pdh	4,0	kW	Tj = biv		COPd	2,3	kW	
Tj = TOL	Pdh	3,6	kW	Tj = TOL		COPd	2,3	kW	
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)		COPd		kW	
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature		TOL	-10	°C	
Cycling interval capacity for	Ppsych		kW	Cycling interval efficiency		COPcyc		-	
Degradation co-efficient	Cdh	0,97	-	Heating water operating limit temperature		WTOL	60	°C	
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>					
Off mode	P <sub>OFF</sub>	0,003	kW	Rated heat output		P <sub>sup</sub>	0,9	kW	
Thermostat-off mode	P <sub>TO</sub>	0,02	kW	Type of energy input					Electric
Standby mode	P <sub>SB</sub>	0,02	kW						
Crankcase heater mode	P <sub>CK</sub>	0,00	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors			180	m³/h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	44/-	dB						
Annual energy consumption	Q <sub>HE</sub>	2750	kWh	Rated brine or water flow rate, outdoor heat exchanger				m³/h	
<i>For heat pump combination heater:</i>									
<b>Declared load profile</b>		<b>XL</b>		<b>Water heating energy efficiency</b>		η <sub>wh</sub>	110	%	
Daily electricity consumption	Q <sub>elec</sub>	7,28	kWh	Daily fuel consumption		Q <sub>fuel</sub>		kWh	
Annual electricity consumption	AEC	1537	kWh	Annual fuel consumption		AFC		GJ	
<b>Approved by:</b>									
<b>Contact details</b>		<b>© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden</b>							