

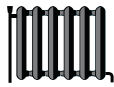


**ENERG**  
енергия · ενεργεια

Y IJA  
IE IA

**NIBE**

NIBE F730



55 °C

35 °C



**A++**

**A++**



**44** dB



dB

5  
5  
5

kW

5  
5  
5

kW



2015

811/2013

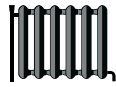


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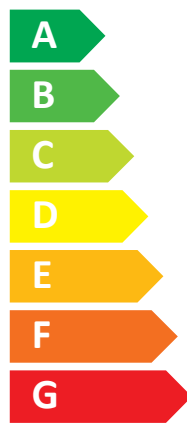
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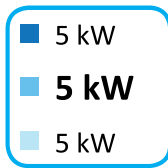
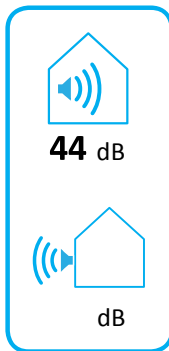
NIBE F730



**A++**



**A**



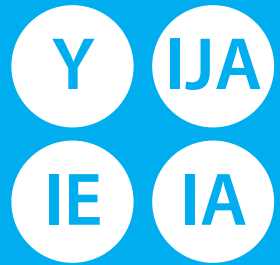
2015

811/2013

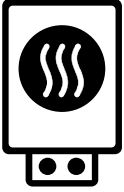






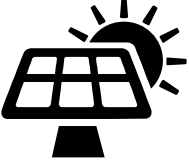
# ENERG


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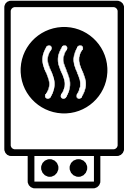
## NIBE F730

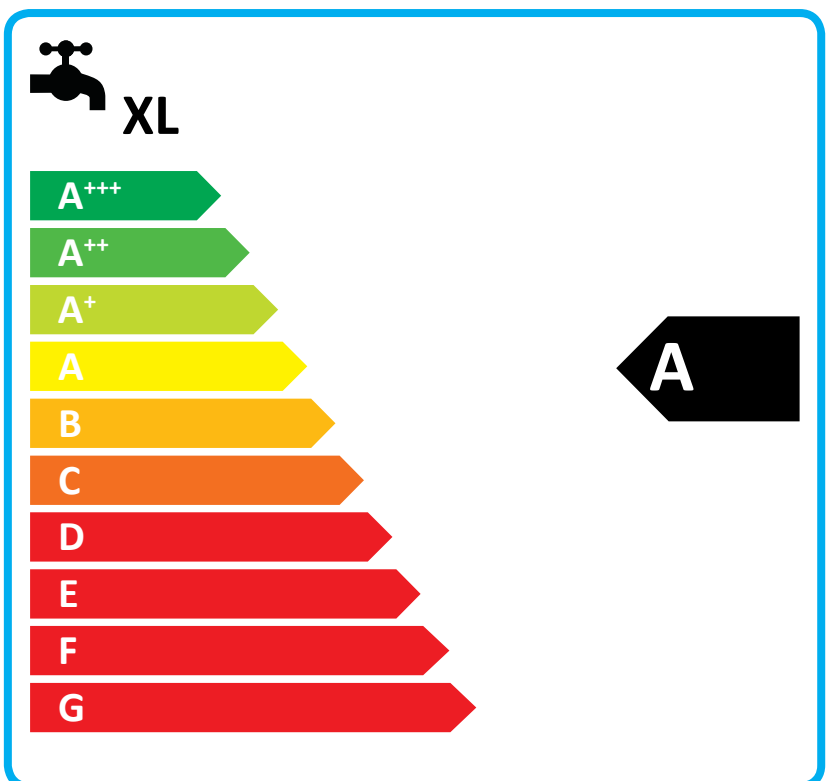
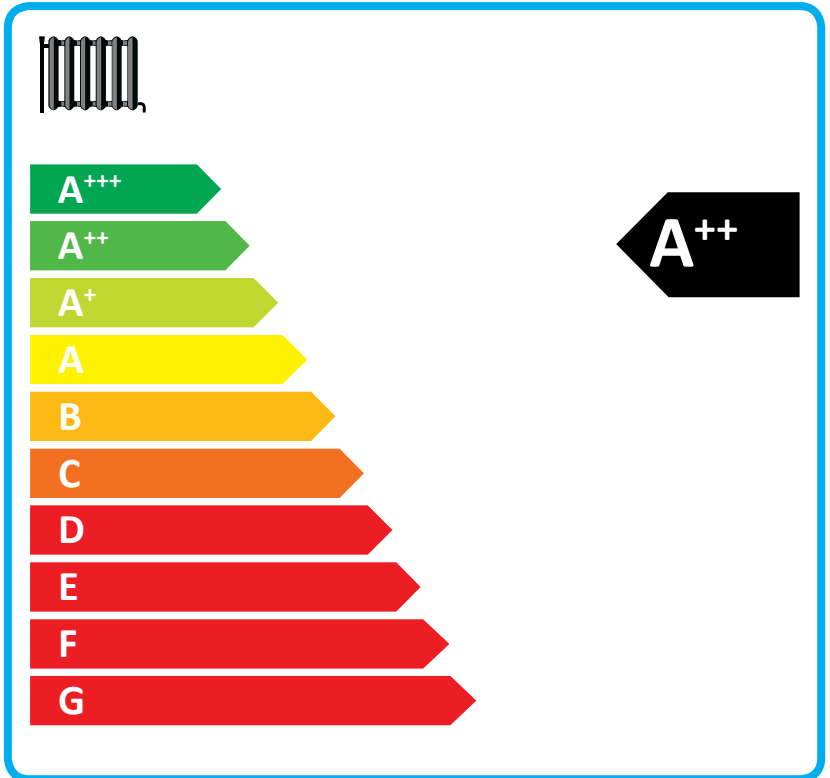






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## Product fiche

Supplier's name:	<b>NIBE</b>		
Model:	<b>NIBE F730 R/E</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		
Controler 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 R/E</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>		$\eta_s$	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				T <sub>biv</sub>	-7	°C	Operation limit temperature				
Cycling interval capacity for				P <sub>cyh</sub>		kW	Cycling interval efficiency		COP <sub>cyh</sub>	-	
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	m <sup>3</sup> /h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	44/-	dB	Rated brine or water flow rate, outdoor heat exchanger				m <sup>3</sup> /h			
Annual energy consumption	Q <sub>HE</sub>	2750	kWh								
<i>For heat pump combination heater:</i>											
<b>Declared load profile</b>		<b>XL</b>		<b>Water heating energy efficiency</b>		$\eta_{wh}$	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>		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden									