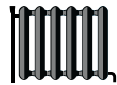




ENERGY

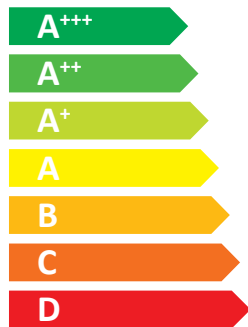


NIBE F730



55 °C

35 °C



A++

A++



44 dB



dB

■ 5
■ **5**
■ 5
kW

■ 5
■ **5**
■ 5
kW



2019

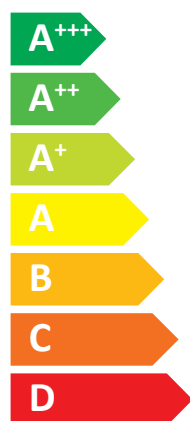
811/2013



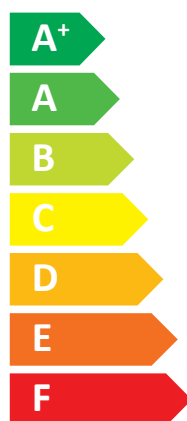
ENERGY



NIBE F730



A⁺⁺



A



44 dB



dB



■ 5 kW

■ 5 kW

■ 5 kW



ENERGY



NIBE F730



A⁺⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

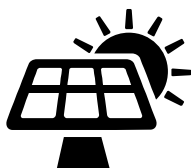
E

F

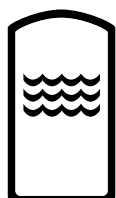
G

A⁺⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F


G

A

Supplier's name:	NIBE AB		
Model:	NIBE F730		
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:	4,5	4,5	kW
Annual energy consumption for space heating, average climate	2112	2681	kWh
Annual electricity consumption for water heating, average climate	1529		kWh
Seasonal space heating energy efficiency, average climate:	173	136	%
Water heating energy efficiency, average climate:	110		%
Sound power level LWA indoors	44		dB
Rated heat output, cold climate:	4,5	4,5	kW
Rated heat output, warm climate:	4,5	4,5	kW
Annual energy consumption for space heating, cold climate	2384	3106	kWh
Annual electricity consumption for water heating, cold climate	1529		kWh
Annual energy consumption for space heating, warm climate	1348	1766	kWh
Annual electricity consumption for water heating, warm climate	1529		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	0		dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	177	140	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	187	144	%
Seasonal space heating energy efficiency of package, warm climate:	179	137	%

Model(s):				NIBE F730							
Type of heat source/sink:				Exhaust air/water							
Low-temperature heat pump:				False							
Equipped with supplementary heater:				Yes							
Heat pump combination heater:				Yes							
Climate condition:				Average							
Temperature application:				Medium temperature (55 °C)							
Applied standards: EN14825 - EN12102-1											
Rated heat output		Prated	4,5	kW	Seasonal space heating energy efficiency		ηs	136	%		
<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	2,29				
Tj = +2 °C	Pdh	2,5	kW	Tj = +2 °C		COPd	3,53				
Tj = +7 °C	Pdh	1,6	kW	Tj = +7 °C		COPd	4,36				
Tj = +12 °C	Pdh	1,7	kW	Tj = +12 °C		COPd	4,60				
Tj = biv	Pdh	4,0	kW	Tj = biv		COPd	2,29				
Tj = TOL	Pdh	3,6	kW	Tj = TOL		COPd	2,34				
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)		COPd					
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature		TOL	-10	°C			
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency		COPcyc		-			
Degradation co-efficient	Cdh	0,94	-	Heating water operating limit		WTOL	60	°C			
<i>Power consumption in modes other than active mode</i>					<i>Supplementary heater</i>						
Off mode	POFF	0,003	kW	Rated heat output		Psup	0,9	kW			
Thermostat-off mode	PTO	0,023	kW								
Standby mode	PSB	0,01	kW	Type of energy input		Electric					
Crankcase heater mode	PCK	0	kW								
<i>Other items</i>											
Capacity control	Variable			Rated air flow rate, outdoors			180,00	m³/h			
Sound power level, indoors/outdoors	LWA	44/-	dB	Rated water flow rate, indoor heat exchanger				m³/h			
Annual energy consumption	QHE	2681	kWh	Rated brine or water flow rate, outdoor heat exchanger				m³/h			
<i>For heat pump combination heater:</i>											
Declared load profile		XL		Water heating energy efficiency		ηwh	110	%			
Daily electricity consumption	Qelec	7,25	kWh	Daily fuel consumption		Qfuel		kWh			
Annual electricity consumption	AEC	1529	kWh	Annual fuel consumption		AFC		GJ			
Approved by:											
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden									