



ENERG
енергия · ενέργεια



NIBE

NIBE F370



55 °C

35 °C



A⁺

A⁺



47 dB



dB

■ 3
■ **3**
■ 3

kW

■ 3
■ **3**
■ 3

kW



2015

811/2013



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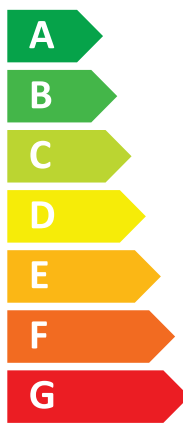


NIBE

NIBE F370



A⁺



A



47 dB



dB



■ 3 kW
■ 3 kW
■ 3 kW

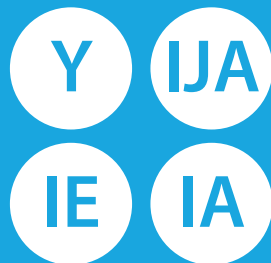
2015

811/2013



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NIBE F370



A⁺



A



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

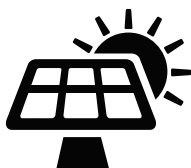
E

F

G

A⁺

+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

A

Supplier's name:	NIBE		
Model:	F370		
Temperature application	35	55	°C
Declared load profile for water heating	L		
Seasonal space heating energy efficiency class, average climate:	A+	A+	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	3	3	kW
Annual energy consumption for space heating, average climate	1598	1898	kWh
Annual electricity consumption for water heating, average climate	1361		kWh
Seasonal space heating energy efficiency, average climate:	131	110	%
Water heating energy efficiency, average climate:	75		%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	3	3	kW
Rated heat output, warm climate:	3	3	kW
Annual energy consumption for space heating, cold climate	1808	2162	kWh
Annual electricity consumption for water heating, cold climate	1361		kWh
Annual energy consumption for space heating, warm climate	1081	1276	kWh
Annual electricity consumption for water heating, warm climate	1361		kWh
Seasonal space heating energy efficiency, cold climate:	139	116	%
Water heating energy efficiency, cold climate:	75		%
Seasonal space heating energy efficiency, warm climate:	126	106	%
Water heating energy efficiency, warm climate:	75		%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	VII		
Controler contribution to efficiency	3,5		%
Seasonal space heating energy efficiency of package, average climate:	135	114	%
Seasonal space heating energy efficiency class for package, average climate:	A+	A+	%
Seasonal space heating energy efficiency of package, cold climate:	142	119	%
Seasonal space heating energy efficiency of package, warm climate:	129	109	%

Model(s):		F370							
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 and EN16147									
Rated heat output		Prated	2,6	kW	Seasonal space heating energy efficiency		ηs	110	%
Declared capacity for part load at outdoor temperature Tj				Declared coefficient of performance for part load at outdoor temperature Tj					
Tj = -7 °C	Pdh	1,7	kW	Tj = -7 °C	COPd	2,72	-		
Tj = +2 °C	Pdh	1,7	kW	Tj = +2 °C	COPd	3,22	-		
Tj = +7 °C	Pdh	1,7	kW	Tj = +7 °C	COPd	3,37	-		
Tj = +12 °C	Pdh	1,7	kW	Tj = +12 °C	COPd	3,28	-		
Tj = biv	Pdh	1,7	kW	Tj = biv	COPd	3,04	-		
Tj = TOL	Pdh	1,7	kW	Tj = TOL	COPd	2,56	-		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-		
Bivalent temperature	Tbiv	-1,6	°C	Operation limit temperature		TOL	-10	°C	
Cycling interval capacity for heating	Pcyh		kW	Cycling interval efficiency		COPcyh		-	
				Heating water operating limit temperature		WTOL	58	°C	
Degradation co-efficient	Cdh	0,96	-						
Power consumption in modes other than active mode				Supplementary heater					
Off mode	P _{OFF}	0,002	kW	Rated heat output		Psup	0,9	kW	
Thermostat-off mode	P _{TO}	0,02	kW						
Standby mode	P _{SB}	0,015	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,024	kW						
Other items									
Capacity control		fixed		Rated air flow rate, outdoors			150	m³/h	
Sound power level, indoors/outdoors		L _{WA}	47/-	dB	Rated water flow rate, indoor heat exchanger		0,18	m³/h	
Annual energy consumption		Q _{HE}	1898	kWh	Rated brine or water flow rate, outdoor heat exchanger			m³/h	
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency		η _{wh}	75	%	
Daily electricity consumption		Q _{elec}	6,20	kWh	Daily fuel consumption		Q _{fuel}		kWh
Annual electricity consumption		AEC	1361	kWh	Annual fuel consumption		AFC		GJ
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							