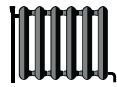




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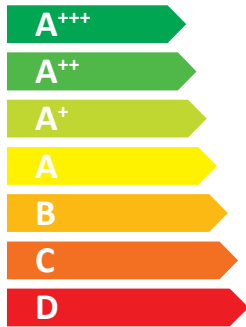


NIBE F1345-30 W/W



55 °C

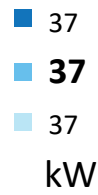
35 °C



47 dB



dB



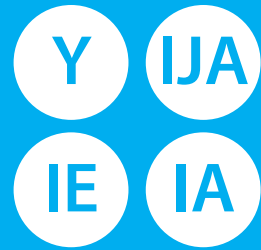
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NIBE F1345-30 W/W















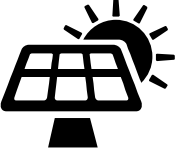








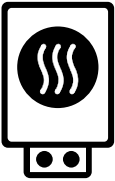











Supplier's name:	NIBE		
Model:	NIBE F1345-30 W/W		
Temperature application	35	55	°C
Declared load profile for water heating			
Seasonal space heating energy efficiency class, average climate:	A+++	A+++	
Water heating energy efficiency class, average climate:			
Rated heat output, average climate:	37	37	kW
Annual energy consumption for space heating, average climate	13831	17861	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	213	163	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	37	37	kW
Rated heat output, warm climate:	37	37	kW
Annual energy consumption for space heating, cold climate	16640	20571	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	9461	11643	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	211	169	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	201	162	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	II		
Controller contribution to efficiency	2		%
Seasonal space heating energy efficiency of package, average climate:	215	165	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	213	171	%
Seasonal space heating energy efficiency of package, warm climate:	203	164	%

Model(s):		NIBE F1345-30 W/W							
Type of heat source/sink:		Water-to-water							
Low-temperature heat pump:		No							
Equipped with supplementary heater:		No							
Heat pump combination heater:		No							
Climate condition:		Average							
Temperature application:		Medium temperature (55 °C)							
Applied standards: EN14825 and EN12102									
Rated heat output		Prated	37,0	kW	Seasonal space heating energy efficiency		η_s	163	%
<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	38,8	kW	Tj = -7 °C	COPd	3,75	kW		
Tj = +2 °C	Pdh	39,5	kW	Tj = +2 °C	COPd	4,28	kW		
Tj = +7 °C	Pdh	20,0	kW	Tj = +7 °C	COPd	4,74	kW		
Tj = +12 °C	Pdh	20,2	kW	Tj = +12 °C	COPd	4,96	kW		
Tj = biv	Pdh	38,4	kW	Tj = biv	COPd	3,58	kW		
Tj = TOL	Pdh	38,6	kW	Tj = TOL	COPd	3,61	kW		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW		
Bivalent temperature				T _{biv}	-10	°C		Operation limit temperature	
Cycling interval capacity for heating				P _{cyh}		kW		Cycling interval efficiency	
Degradation co-efficient				Cdh	0,99	-		Heating water operating limit	
								WTOL	
								65	
								°C	
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>					
Off mode	P _{OFF}	0,002	kW	Rated heat output		P _{sup}	0,0	kW	
Thermostat-off mode	P _{TO}	0,07	kW						
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,07	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors				m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	47/-	dB	Rated water flow rate, indoor heat exchanger		4,16		m ³ /h	
Annual energy consumption	Q _{HE}	17861	kWh	Rated brine or water flow rate, outdoor heat exchanger		8,41		m ³ /h	
<i>For heat pump combination heater:</i>									
Declared load profile				Water heating energy efficiency		η_{wh}			%
Daily electricity consumption				Q _{elec}			kWh		Daily fuel consumption
Annual electricity consumption				AEC			kWh		Annual fuel consumption
							GJ		AFC
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							