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NIBE F1355-28 W/W



55 °C

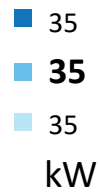
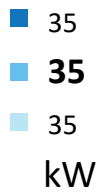
35 °C



47 dB



dB



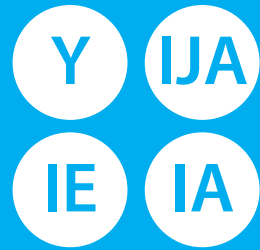
2019

811/2013



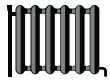
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A+++ 

A++ 

A+ 

A 

B 

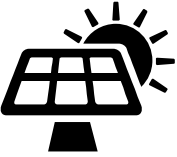
C 


D 


E 


F 

G 

+ 

+ 


+ 

+ 

Supplier's name:	NIBE		
Model:	NIBE F1355-28 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:	35	35	kW
Annual energy consumption for space heating, average climate	11765	15111	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	243	188	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	35	35	kW
Rated heat output, warm climate:	35	35	kW
Annual energy consumption for space heating, cold climate	13541	17279	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	7416	9489	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	252	197	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	249	194	%
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:	245	190	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	254	199	%
Seasonal space heating energy efficiency of package, warm climate:	251	196	%

Model(s):		NIBE F1355-28							
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, EN 14511 and EN12102									
Rated heat output		Prated	35,0	kW	Seasonal space heating energy efficiency		η_s	188	%
<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	31,0	kW	Tj = -7 °C	COPd	3,8	kW		
Tj = +2 °C	Pdh	18,8	kW	Tj = +2 °C	COPd	4,7	kW		
Tj = +7 °C	Pdh	12,1	kW	Tj = +7 °C	COPd	5,5	kW		
Tj = +12 °C	Pdh	6,8	kW	Tj = +12 °C	COPd	6,6	kW		
Tj = biv	Pdh	35,0	kW	Tj = biv	COPd	3,5	kW		
Tj = TOL	Pdh	35,0	kW	Tj = TOL	COPd	3,5	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				C _{dh}	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}	0,007	kW	Rated heat output		P _{sup}	0,0	kW	
Thermostat-off mode	P _{TO}	0,045	kW						
Standby mode	P _{SB}	0,019	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,025	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				m ³ /h	
Annual energy consumption	Q _{HE}	15111	kWh	Rated brine or water flow rate, outdoor heat exchanger			1,56	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		Q _{fuel}		kWh	
Annual electricity consumption	AEC		kWh	Annual fuel consumption		AFC		GJ	
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden							