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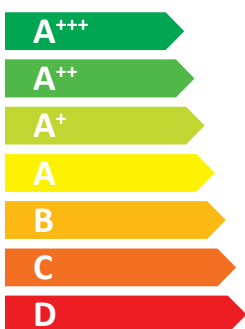
NIBE

NIBE F1355-28



55 °C

35 °C



A+++

A+++



47 dB



dB

■ 28
■ **28**
■ 28
kW

■ 28
■ **28**
■ 28
kW



2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE F1355-28



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

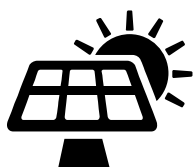
D

E

F

G

+



+



+




+



Supplier's name:	NIBE		
Model:	NIBE F1355-28		
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:	28	28	kW
Annual energy consumption for space heating, average climate	11524	14619	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	193	150	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	28	28	kW
Rated heat output, warm climate:	28	28	kW
Annual energy consumption for space heating, cold climate	12944	16464	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	7254	9100	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	205	160	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	198	156	%
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:	195	152	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	207	162	%
Seasonal space heating energy efficiency of package, warm climate:	200	158	%

Model(s):				NIBE F1355-28				<div></div>			
Type of heat source/sink:				Brine-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	28,0	kW	Seasonal space heating energy efficiency			ηs	155	%
<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	25,0	kW	Tj = -7 °C	COPd	3,1	kW				
Tj = +2 °C	Pdh	15,3	kW	Tj = +2 °C	COPd	3,9	kW				
Tj = +7 °C	Pdh	9,7	kW	Tj = +7 °C	COPd	4,6	kW				
Tj = +12 °C	Pdh	4,3	kW	Tj = +12 °C	COPd	5,3	kW				
Tj = biv	Pdh	28,0	kW	Tj = biv	COPd	2,8	kW				
Tj = TOL	Pdh	28,0	kW	Tj = TOL	COPd	2,8	kW				
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW				
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-10	°C				
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency	COPcyc		-				
Degradation co-efficient	Cdh	0,96	-	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	Psup	0,0	kW				
Thermostat-off mode	P _{TO}	0,035	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			m³/h				
Sound power level, indoors/outdoors	L _{WA}	47/-	dB	Rated water flow rate, indoor heat exchanger			m³/h				
Annual energy consumption	Q _{HE}	14619	kWh	Rated brine or water flow rate, outdoor heat exchanger		3,40	m³/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 - Hannabadsvägen 5 - 28521 Markaryd - Sweden								