



IJA ENERG енергия · ενεργεια



NIBE F1345-60



























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Supplier's name:	N		
Model:	NIBE F1345-60		
Temperature application	35	55	°C
Declared load profile for water			
heating		<u> </u>	
Seasonal space heating energy efficiency class, average climate:	A+++	A++	
Water heating energy efficiency			
class, average climate:			
Rated heat output, average climate:	67	67	kW
Annual energy consumption for			
space heating, average climate	30169	38048	kWh
Annual electricity consumption for			kWh
water heating, average climate			KVVII
Seasonal space heating energy	176	138	%
efficiency, average climate:	170	100	70
Water heating energy efficiency,			%
average climate:	47		
Sound power level LWA indoors		dB	
Rated heat output, cold climate:	67	67	kW
Rated heat output, warm climate:	67	67	kW
Annual energy consumption for	34918	43924	kWh
space heating, cold climate	01010	10021	KVVII
Annual electricity consumption for			kWh
water heating, cold climate Annual energy consumption for			
space heating, warm climate	19396	24446	kWh
Annual electricity consumption for		•	kWh
water heating, warm climate			KVVII
Seasonal space heating energy	181	142	%
efficiency, cold climate:	181 142		,0
Water heating energy efficiency, cold			%
climate:		_	
Seasonal space heating energy	177	138	%
efficiency, warm climate:			
Water heating energy efficiency,			%
warm climate:			
Sound power level LWA outdoors		-	dB

Data for package fiche

Controller class		I	
Controler contribution to efficiency	2		%
Seasonal space heating energy efficiency of package, average climate:	178	140	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	183	144	%
Seasonal space heating energy efficiency of package, warm climate:	179	140	%

Model(s):	NIBE F1345-60		
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			



Temperature application:		1	Medium te	mperature (55 °C)				
Applied standards: EN14825								
Rated heat output	Prated	67,0	kW	Seasonal space heating energy efficiency	η _s	138	%	
Declared capacity for part load at outdoor tem	perature Ti			Declared coefficient of performance for par	rt load at outdo	or temperatu	re Ti	
Tj = -7 °C	Pdh	54,8	kW	Tj = -7 °C	COPd	3,17	-	
Tj = +2 °C	Pdh	56,6	kW	Tj = +2 °C	COPd	3,62	-	
Tj = +7 °C	Pdh	29,2	kW	Tj = +7 °C	COPd	4,06	-	
Tj = +12 °C	Pdh	29,8	kW	Tj = +12 °C	COPd	4,31	-	
Tj = biv	Pdh	55,2	kW	Tj = biv	COPd	3,26	-	
Tj = TOL	Pdh	54,1	kW	Tj = TOL	COPd	3,03	-	
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-	
Bivalent temperature	T _{biv}	-5,4	°C	Operation limit temperature	TOL	-10	°C	
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency	COPcyc		-	
Degradation co-efficient	Cdh	0,99	-	Heating water operating limit	WTOL	65	°C	
Power consumption in modes other than active	e mode P _{OFF}	0,002	kW	Supplementary heater Rated heat output	Psup	12,9	kW	
Thermostat-off mode	1	0,06	kW	nated heat output	тзир	12,3	KVV	
	P _{TO}		_			EL		
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric		
Crankcase heater mode	P _{CK}	0,08	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors			m³/h	
				Rated water flow rate, indoor heat			2.4	
Sound power level, indoors/outdoors	L _{WA}	47/-	dB	exchanger		5,83	m³/h	
				Rated brine or water flow rate,			m³/h	
Annual energy consumption	Q_{HE}	38048	kWh	outdoor heat exchanger		10,87	mº/n	
For heat pump combination heater:								
Declared load profile				Water heating energy efficiency	η_{wh}		%	
Daily electricity consumption	Q _{elec}	<u> </u>	kWh	Daily fuel consumption	Q_{fuel}		kWh	
Annual electricity consumption	AEC		kWh	Annual fuel consumption	AFC		GJ	
Approved by:				· ·	1			
Contact details								
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