



## IJA ENERG енергия · ενεργεια



NIBE F1255-6























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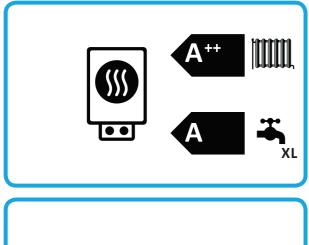


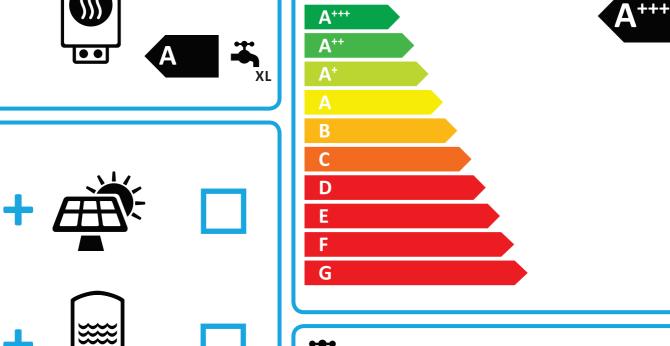


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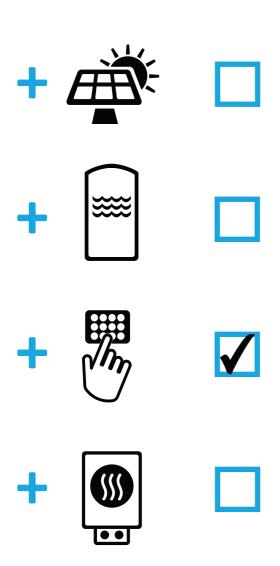


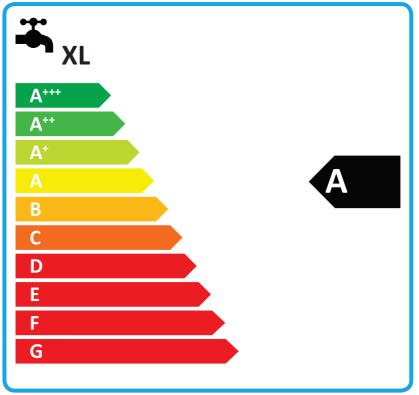
NIBE F1255-6





∭∭ 55 °C





## **Product fiche**

Supplier's name:	N	IBE	
Model:	NIBE I		
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:	5,5	5,5	kW
Annual energy consumption for space heating, average climate	2188	2875	kWh
Annual electricity consumption for water heating, average climate	16	kWh	
Seasonal space heating energy efficiency, average climate:	200	150	%
Water heating energy efficiency, average climate:	1	%	
Sound power level LWA indoors	42	42	dB
Rated heat output, cold climate:	5,5	5,5	kW
Rated heat output, warm climate:	5,5	5,5	kW
Annual energy consumption for space heating, cold climate	2481	3287	kWh
Annual electricity consumption for water heating, cold climate	1642		kWh
Annual energy consumption for space heating, warm climate	1408	1852	kWh
Annual electricity consumption for water heating, warm climate	16	kWh	
Seasonal space heating energy efficiency, cold climate:	211	157	%
Water heating energy efficiency, cold climate:	1	%	
Seasonal space heating energy efficiency, warm climate:	201	151	%
Water heating energy efficiency, warm climate:	1	%	
Sound power level LWA outdoors	-	-	dB

## Data for package fiche

Controller class	1		
Controler contribution to efficiency		%	
Seasonal space heating energy efficiency of package, average climate:	204	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	215	161	%
Seasonal space heating energy efficiency of package, warm climate:	205	155	%

Model(s):		NIBE F1255-6						
Type of heat source/sink:		Brine-to-water						
Low-temperature heat pump: Equipped with supplementary heater: Heat pump combination heater:				No	<b>八</b> ™			
		Yes Yes		Yes	<b>♦</b> I			H)
				Yes	1			
Climate condition:				verage				
Temperature application:			Medium t	emperature (55 °C)				
Applied standards: EN14825 and EN16147	7							
				Seasonal space heating e	nergy			
Rated heat output	Prated	5,5	kW	efficiency		$\eta_{\text{s}}$	150	%
Declared capacity for part load at outdoor temp	perature Ti			Declared coefficient of perform	ance for part l	oad at outdoo	or temperatui	re Ti
Tj = -7 °C	Pdh	5,0	kW	Tj = -7 °C		COPd	3,06	-
Ti = +2 °C	Pdh	3,0	kW	Tj = +2 °C		COPd	3,97	-
Ti = +7 °C	Pdh	2,0	kW	Tj = +7 °C		COPd	4,63	-
Ti = +12 °C	Pdh	1,2	kW	Tj = +12 °C		COPd	4,86	-
Tj = biv	Pdh	5,4	kW	Tj = biv			2,84	-
Ti = TOL	Pdh	5,4	kW	Tj = TOL	-		2,84	-
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	)	COPd COPd	_,	_
.,				.,	<u>'</u>	00.4		l.
Bivalent temperature	T <sub>biv</sub>	-10	°C	Operation limit temperate	Operation limit temperature		-10	°C
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency		COPcyc		-
Degradation co-efficient	Cdh	0,99	-	Heating water operating I	imit	WTOL	65	°C
Power consumption in modes other than active	mode			Supplementary heater				
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output		Psup	0,1	kW
Thermostat-off mode	P <sub>TO</sub>	0,007	kW			l l		
Standby mode	P <sub>SB</sub>	0,007	kW	Type of energy input		Electric		
Crankcase heater mode	P <sub>CK</sub>	0,009	kW			I.		
Other items								
Capacity control		variable		Rated air flow rate, outdo	ors			m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	42/-	dB					
	-wa	,		Rated brine or water flow	rate,			
Annual energy consumption	Q <sub>HE</sub>	2875	kWh	outdoor heat exchanger			0,68	m³/h
For heat pump combination heater:								
Declared load profile		XL	I	Water heating energy eff	icionar	n .	102	%
Deciared toad profile		ΛL		water neating energy em	iciency	$\eta_{wh}$	102	70
Daily electricity consumption	Q <sub>elec</sub>	7,48	kWh	Daily fuel consumption		$Q_{\text{fuel}}$		kWh
Annual electricity consumption	AEC	1642	kWh	Annual fuel consumption		AFC		GJ

Approved by:

Contact details

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