ENERG · energy · ενεργεια

Y IJA IE IA

NIBE · NIBE F1226-8

| | 55 °C | 35 °C |
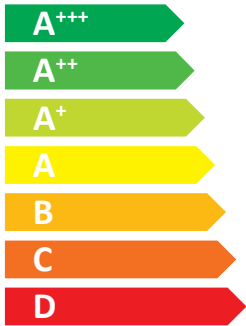
A+++
A++
A+
A
B
C
D

A++

A+++

43 dB

dB

55 °C	35 °C
9	9
9	**9**
9	9
kW	kW

2019

811/2013

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XL

Heating	Water (XL)
A⁺⁺⁺	A⁺
A⁺⁺	A
A⁺	B
A	C
B	D
C	E
D	F
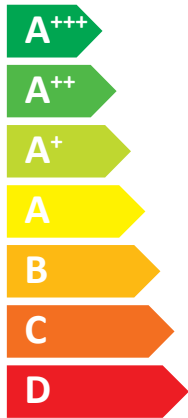
A⁺⁺
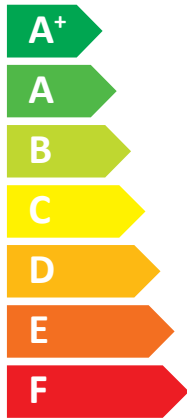
A

43 dB

dB

9 kW
9 kW
9 kW

2019

811/2013

NIBE   NIBE F1226-8

A++ (heating, radiator)

A (water, XL)

A++

A+++
A++
A+
A
B
C
D
E
F
G

+ ☐ (solar)

+ ☐ (tank)

+ ☑ (control)

+ ☐ (heater)

XL

A+++
A++
A+
A
B
C
D
E
F
G

A
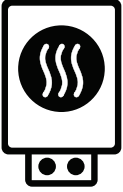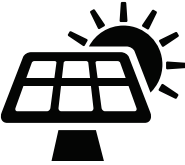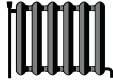
Supplier's name:	NIBE		
Model:	NIBE F1226-8		
Temperature application	35	55	°C
Declared load profile for water heating	XL		
Seasonal space heating energy efficiency class, average climate:	A+++	A++	
Water heating energy efficiency class, average climate:	A		
Rated heat output, average climate:	9	9	kW
Annual energy consumption for space heating, average climate	3978	4748	kWh
Annual electricity consumption for water heating, average climate	1794		kWh
Seasonal space heating energy efficiency, average climate:	179	140	%
Water heating energy efficiency, average climate:	93		%
Sound power level LWA indoors	43		dB
Rated heat output, cold climate:	9	9	kW
Rated heat output, warm climate:	9	9	kW
Annual energy consumption for space heating, cold climate	4630	5695	kWh
Annual electricity consumption for water heating, cold climate	1794		kWh
Annual energy consumption for space heating, warm climate	2592	3167	kWh
Annual electricity consumption for water heating, warm climate	1794		kWh
Seasonal space heating energy efficiency, cold climate:	184	144	%
Water heating energy efficiency, cold climate:	93		%
Seasonal space heating energy efficiency, warm climate:	178	137	%
Water heating energy efficiency, warm climate:	93		%
Sound power level LWA outdoors	-		dB

Data for package fiche

Controller class	III		
Controler contribution to efficiency	1,5		%
Seasonal space heating energy efficiency of package, average climate:	180	141	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A++	%
Seasonal space heating energy efficiency of package, cold climate:	185	146	%
Seasonal space heating energy efficiency of package, warm climate:	179	139	%

Model(s):		NIBE F1226-8			
Type of heat source/sink:		Brine-to-water			
Low-temperature heat pump:		No			
Equipped with supplementary heater:		Yes			
Heat pump combination heater:		Yes			
Climate condition:		Average			
Temperature application:		Medium temperature (55 °C)			
Applied standards: EN14825, EN16147 and EN12102					

Rated heat output	Prated	8,50	kW	Seasonal space heating energy efficiency	η_s	140	%
Declared capacity for part load at outdoor temperature Tj				*Declared coefficient of performance for part load at outdoor temperature Tj*			
Tj = -7 °C	Pdh	7,2	kW	Tj = -7 °C	COPd	3,18	kW
Tj = +2 °C	Pdh	7,4	kW	Tj = +2 °C	COPd	3,72	kW
Tj = +7 °C	Pdh	7,6	kW	Tj = +7 °C	COPd	4,08	kW
Tj = +12 °C	Pdh	7,7	kW	Tj = +12 °C	COPd	4,48	kW
Tj = biv	Pdh	7,2	kW	Tj = biv	COPd	3,26	kW
Tj = TOL	Pdh	7,0	kW	Tj = TOL	COPd	2,97	kW
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW
Bivalent temperature	T_{biv}	-6	°C	Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency	COPcyc		-
Degradation co-efficient	Cdh	1,00	-	Heating water operating limit	WTOL	63	°C
Power consumption in modes other than active mode				*Supplementary heater*			
Off mode	P_{OFF}	0,003	kW	Rated heat output	Psup	1,5	kW
Thermostat-off mode	P_{TO}	0,001	kW				
Standby mode	P_{SB}	0,007	kW	Type of energy input		Electric	
Crankcase heater mode	P_{CK}	0,014	kW				
Other items							
Capacity control		fixed		Rated air flow rate, outdoors			m³/h
Sound power level, indoors/outdoors	L_{WA}	43/-	dB	Rated water flow rate, indoor heat exchanger		0,77	m³/h
Annual energy consumption	Q_{HE}	4748	kWh	Rated brine or water flow rate, outdoor heat exchanger		1,40	m³/h
For heat pump combination heater:							
Declared load profile		**XL**		**Water heating energy efficiency**	η_{wh}	93	%
Daily electricity consumption	Q_{elec}	8,17	kWh	Daily fuel consumption	Q_{fuel}		kWh
Annual electricity consumption	AEC	1794	kWh	Annual fuel consumption	AFC		GJ

Approved by:	
Contact details	© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden