

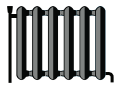


ENERG
енергия · ενεργεια

Y IJA
IE IA

NIBE

NIBE F1255-6 W/W



55 °C

35 °C



A++

A++



42 dB



dB

■ 7
■ 7
■ 7
kW

■ 7
■ 7
■ 7
kW



2015

811/2013

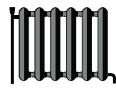


ENERG
енергия · ενέργεια

Y IJA
IE IA

NIBE

NIBE F1255-6 W/W



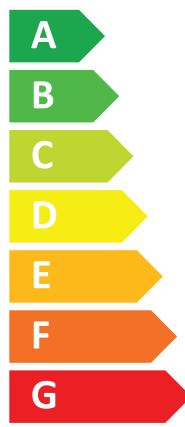
55°C



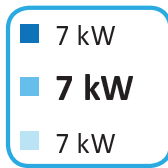
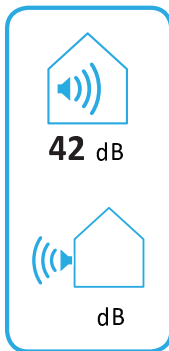
XL



A++



A



2015

811/2013



ENERG

енергия · ενεργεια

Y

IJA

IE

IA

NIBE

NIBE F1255-6 W/W

 35 °C



A⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

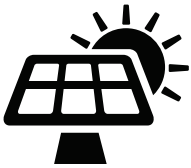
D

E

F

G

+



+



+



+





ENERG

енергия · ενεργεια

Y

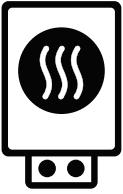




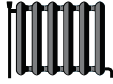
IJA

IE



IA

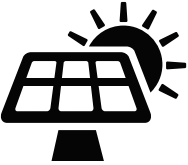
NIBE


NIBE F1255-6 W/W










55 °C







+ 

+ 

+ 

+ 






Product fiche

Supplier's name:	NIBE		
Model:	NIBE F1255-6 W/W		
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:	7	7	kW
Annual energy consumption for space heating, average climate	2078	2611	kWh
Annual electricity consumption for water heating, average climate	1428		kWh
Seasonal space heating energy efficiency, average climate:	270	214	%
Water heating energy efficiency, average climate:	117		%
Sound power level LWA indoors	42	42	dB
Rated heat output, cold climate:	7	7	kW
Rated heat output, warm climate:	7	7	kW
Annual energy consumption for space heating, cold climate	2378	3005	kWh
Annual electricity consumption for water heating, cold climate	1428		kWh
Annual energy consumption for space heating, warm climate	1349	1696	kWh
Annual electricity consumption for water heating, warm climate	1428		kWh
Seasonal space heating energy efficiency, cold climate:	282	222	%
Water heating energy efficiency, cold climate:	117		%
Seasonal space heating energy efficiency, warm climate:	269	213	%
Water heating energy efficiency, warm climate:	117		%
Sound power level LWA outdoors	-	-	dB

Data for package fiche

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	274	218	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	286	226	%
Seasonal space heating energy efficiency of package, warm climate:	273	217	%

Model(s):		NIBE F1255-6 W/W							
Type of heat source/sink:		Water-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 and EN16147									
Rated heat output		Prated	7,0	kW	Seasonal space heating energy efficiency		η_s	214	%
<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	6,3	kW	Tj = -7 °C	COPd	4,52	kW		
Tj = +2 °C	Pdh	3,9	kW	Tj = +2 °C	COPd	5,62	kW		
Tj = +7 °C	Pdh	2,5	kW	Tj = +7 °C	COPd	6,34	kW		
Tj = +12 °C	Pdh	1,6	kW	Tj = +12 °C	COPd	6,57	kW		
Tj = biv	Pdh	6,9	kW	Tj = biv	COPd	4,21	kW		
Tj = TOL	Pdh	6,9	kW	Tj = TOL	COPd	4,21	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		TOL	-10	°C	
Cycling interval capacity for heating	P _{cy}		kW	Cycling interval efficiency		COP _{cy}		-	
Degradation co-efficient	Cdh	0,97	-	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}	0,002	kW	Rated heat output		P _{sup}	0,1	kW	
Thermostat-off mode	P _{TO}	0,015	kW						
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,009	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors					m ³ /h
Sound power level, indoors/outdoors	L _{WA}	42/-	dB	Rated brine or water flow rate, outdoor heat exchanger				1,07	m ³ /h
Annual energy consumption	Q _{HE}	2611	kWh						
<i>For heat pump combination heater:</i>									
Declared load profile		XL		Water heating energy efficiency		η_{wh}	117	%	
				Daily electricity consumption		Q _{elec}	6,50	kWh	
				Annual electricity consumption		AEC	1428	kWh	
				Daily fuel consumption		Q _{fuel}		kWh	
				Annual fuel consumption		AFC		GJ	
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							