

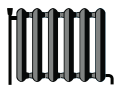


ENERG
енергия · ενεργεια

Y IJA
IE IA

NIBE

NIBE F1255-16 W/W



55 °C

35 °C



A++

A++



42 dB



dB

■ 19
■ **19**
■ 19
kW

■ 19
■ **19**
■ 19
kW



2015

811/2013

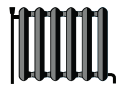


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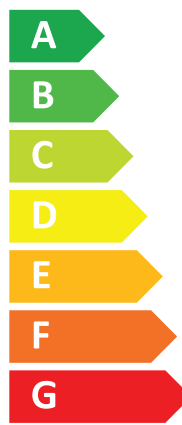
55°C



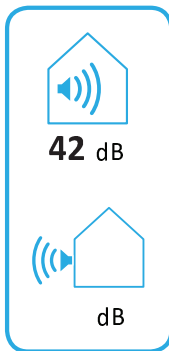
XL



A++



A



2015

811/2013



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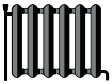
IJA

IE

IA

NIBE

NIBE F1255-16 W/W



35 °C



A⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

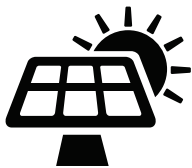
D

E

F

G

+



+



+



+





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Y

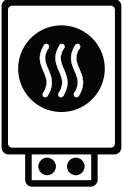




IJA

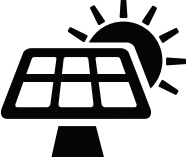
IE


IA


NIBE


NIBE F1255-16 W/W

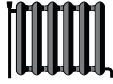






+ 






+ 

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55 °C








Product fiche

Supplier's name:	NIBE		
Model:	NIBE F1255-16 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:	19	19	kW
Annual energy consumption for space heating, average climate	6070	7834	kWh
Annual electricity consumption for water heating, average climate	1486		kWh
Seasonal space heating energy efficiency, average climate:	251	192	%
Water heating energy efficiency, average climate:	113		%
Sound power level LWA indoors	42	42	dB
Rated heat output, cold climate:	19	19	kW
Rated heat output, warm climate:	19	19	kW
Annual energy consumption for space heating, cold climate	6861	8907	kWh
Annual electricity consumption for water heating, cold climate	1486		kWh
Annual energy consumption for space heating, warm climate	3980	5140	kWh
Annual electricity consumption for water heating, warm climate	1486		kWh
Seasonal space heating energy efficiency, cold climate:	265	202	%
Water heating energy efficiency, cold climate:	113		%
Seasonal space heating energy efficiency, warm climate:	247	190	%
Water heating energy efficiency, warm climate:	113		%
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:	255	196	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	269	206	%
Seasonal space heating energy efficiency of package, warm climate:	251	194	%

Model(s):		NIBE F1255-16 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	19,0	kW	Seasonal space heating energy efficiency		η_s	192	%
<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	16,9	kW	Tj = -7 °C	COPd	3,82	kW		
Tj = +2 °C	Pdh	10,3	kW	Tj = +2 °C	COPd	5,08	kW		
Tj = +7 °C	Pdh	7,0	kW	Tj = +7 °C	COPd	5,92	kW		
Tj = +12 °C	Pdh	7,1	kW	Tj = +12 °C	COPd	6,01	kW		
Tj = biv	Pdh	18,9	kW	Tj = biv	COPd	3,51	kW		
Tj = TOL	Pdh	18,9	kW	Tj = TOL	COPd	3,51	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			
Cycling interval capacity for heating				P _{cyh}		kW			
Degradation co-efficient				Cdh	0,98	-			
<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}	0,035	kW						
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,03	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						
Annual energy consumption	Q _{HE}	7834	kWh	Rated brine or water flow rate, outdoor heat exchanger			2,81	m ³ /h	
<i>For heat pump combination heater:</i>									
Declared load profile		XL		Water heating energy efficiency		η_{wh}	113	%	
				Daily electricity consumption		Q _{elec}	6,77	kWh	
				Annual electricity consumption		AEC	1486	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							