

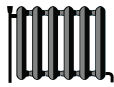


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Y IJA  
IE IA

**NIBE**

NIBE F1255-12 W/W



55 °C

35 °C



**A++**

**A++**



**44** dB



dB

■ 14  
■ 14  
■ 14  
kW

■ 14  
■ 14  
■ 14  
kW



2015

811/2013



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**NIBE**

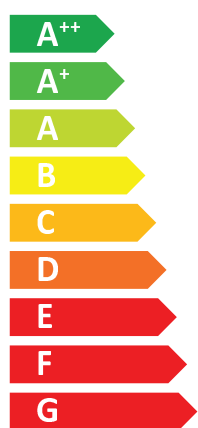
NIBE F1255-12 W/W



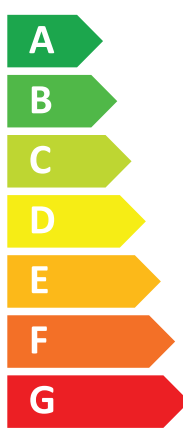
55°C



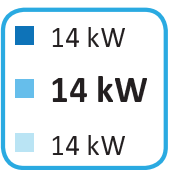
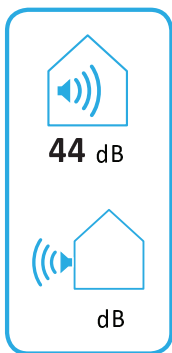
XL



A++



A



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IA

**NIBE**

## NIBE F1255-12 W/W

 35 °C



**A<sup>++</sup>**

**A<sup>+++</sup>**

**A<sup>+++</sup>**

**A<sup>++</sup>**

**A<sup>+</sup>**

**A**

**B**

**C**

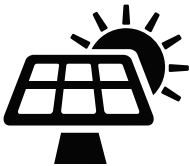
**D**

**E**

**F**

**G**

+



+



+



+





# ENERG

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Y

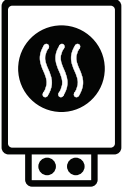




IJA

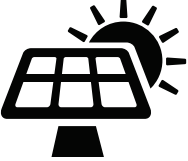
IE


IA


**NIBE**


## NIBE F1255-12 W/W

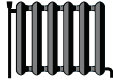






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55 °C








## Product fiche

Supplier's name:	NIBE		
Model:	NIBE F1255-12 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:	14	14	kW
Annual energy consumption for space heating, average climate	4433	5657	kWh
Annual electricity consumption for water heating, average climate	1486		kWh
Seasonal space heating energy efficiency, average climate:	253	197	%
Water heating energy efficiency, average climate:	113		%
Sound power level LWA indoors	44	44	dB
Rated heat output, cold climate:	14	14	kW
Rated heat output, warm climate:	14	14	kW
Annual energy consumption for space heating, cold climate	5091	6497	kWh
Annual electricity consumption for water heating, cold climate	1486		kWh
Annual energy consumption for space heating, warm climate	2823	3613	kWh
Annual electricity consumption for water heating, warm climate	1486		kWh
Seasonal space heating energy efficiency, cold climate:	263	204	%
Water heating energy efficiency, cold climate:	113		%
Seasonal space heating energy efficiency, warm climate:	257	199	%
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:	257	201	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	267	208	%
Seasonal space heating energy efficiency of package, warm climate:	261	203	%

<b>Model(s):</b>		<b>NIBE F1255-12 W/W</b>							
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									
<b>Rated heat output</b>		Prated	14,0	kW	<b>Seasonal space heating energy efficiency</b>		$\eta_s$	197	%
<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	12,4	kW	Tj = -7 °C	COPd	3,84	kW		
Tj = +2 °C	Pdh	7,6	kW	Tj = +2 °C	COPd	5,11	kW		
Tj = +7 °C	Pdh	4,9	kW	Tj = +7 °C	COPd	5,89	kW		
Tj = +12 °C	Pdh	3,2	kW	Tj = +12 °C	COPd	6,36	kW		
Tj = biv	Pdh	13,9	kW	Tj = biv	COPd	3,48	kW		
Tj = TOL	Pdh	13,9	kW	Tj = TOL	COPd	3,48	kW		
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		kW		
Bivalent temperature				T <sub>biv</sub>	-10	°C			
Cycling interval capacity for heating				P <sub>cyh</sub>		kW			
Degradation co-efficient				Cdh	0,98	-			
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>					
Off mode	P <sub>OFF</sub>	0,005	kW	Rated heat output		P <sub>sup</sub>	0,1	kW	
Thermostat-off mode	P <sub>TO</sub>	0,025	kW						
Standby mode	P <sub>SB</sub>	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P <sub>CK</sub>	0	kW						
<i>Other items</i>									
Capacity control		variable		Rated air flow rate, outdoors				m <sup>3</sup> /h	
Sound power level, indoors/outdoors		L <sub>WA</sub>	44/-						
Annual energy consumption		Q <sub>HE</sub>	5657	Rated brine or water flow rate, outdoor heat exchanger			1,98	m <sup>3</sup> /h	
<i>For heat pump combination heater:</i>									
<b>Declared load profile</b>		<b>XL</b>		<b>Water heating energy efficiency</b>		$\eta_{wh}$	113	%	
Daily electricity consumption		Q <sub>elec</sub>	6,77	Daily fuel consumption		Q <sub>fuel</sub>		kWh	
Annual electricity consumption		AEC	1486	Annual fuel consumption		AFC		GJ	
<b>Approved by:</b>									
<b>Contact details</b>		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							