

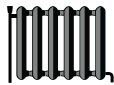


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Y IJA
IE IA

NIBE

NIBE F1155-12 W/W



55 °C

35 °C



A++

A++



44 dB



dB

■ 14
■ 14
■ 14
kW

■ 14
■ 14
■ 14
kW



2015

811/2013

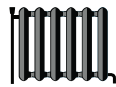


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NIBE

NIBE F1155-12 W/W + VPB300



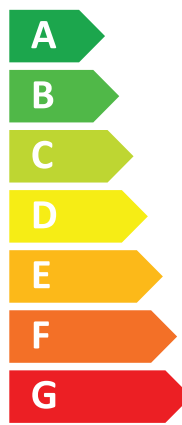
55°C



XXL



A++



A

44 dB

dB



- 14 kW
- 14 kW
- 14 kW

2015

811/2013



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IA

NIBE

NIBE F1155-12 W/W

 35 °C



A⁺⁺

A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

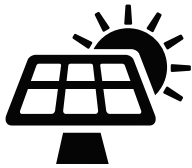
D

E

F

G

+



+



+



+





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Y

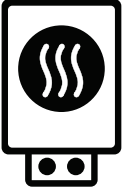




IJA

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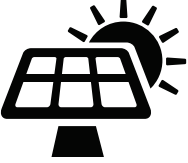
IA


NIBE


NIBE F1155-12 W/W + VPB300








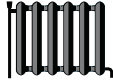
XXL

+ 




+ 

+ 



+ 



55 °C

XXL





Product fiche

Supplier's name:	NIBE		
Model:	NIBE F1155-12 W/W + VPB 300		
Temperature application	35	55	°C
Declared load profile for water heating	XXL		
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	1837		kWh
Seasonal space heating energy efficiency, average climate:	253	197	%
Water heating energy efficiency, average climate:	117		%
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	1837		kWh
Annual energy consumption for space heating, warm climate	2823	3613	kWh
Annual electricity consumption for water heating, warm climate	1837		kWh
Seasonal space heating energy efficiency, cold climate:	263	204	%
Water heating energy efficiency, cold climate:	117		%
Seasonal space heating energy efficiency, warm climate:	257	199	%
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:	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	%

Model(s):		NIBE F1155-12 W/W + VPB 300							
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	14,0	kW	Seasonal space heating energy efficiency		η_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 _{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}	0,005	kW	Rated heat output		P _{sup}	0,1	kW	
Thermostat-off mode	P _{TO}	0,025	kW						
Standby mode	P _{SB}	0,007	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0	kW						
<i>Other items</i>									
Capacity control	variable			Rated air flow rate, outdoors				m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	44/-	dB						
Annual energy consumption	Q _{HE}	5657	kWh	Rated brine or water flow rate, outdoor heat exchanger			1,98	m ³ /h	
<i>For heat pump combination heater:</i>									
Declared load profile		XXL		Water heating energy efficiency		η_{wh}	117	%	
				Daily electricity consumption		Q _{elec}	8,36	kWh	
				Annual electricity consumption		AEC	1837	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							