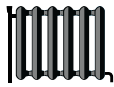




**ENERG**  
енергия · ενεργεια

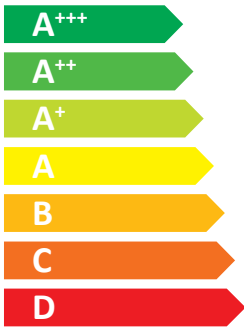


NIBE F1355-43 W/W



55 °C

35 °C



**47** dB



dB

■ 52  
■ **52**  
■ 52  
kW

■ 58  
■ **58**  
■ 58  
kW



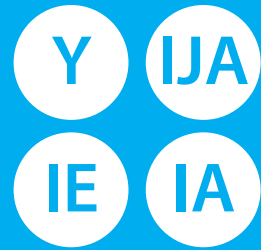
2019

811/2013



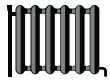
# ENERG

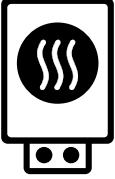

енергия · ενεργεια

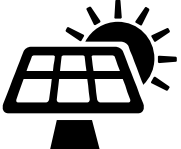



**NIBE**


## NIBE F1355-43 W/W




**+** 

**+** 

**+** 

**+** 




















Supplier's name:	<b>NIBE</b>		
Model:	<b>NIBE F1355-43</b>		
Temperature application	35	55	°C
Declared load profile for water heating			
Seasonal space heating energy efficiency class, average climate:	<b>A+++</b>	<b>A+++</b>	
Water heating energy efficiency class, average climate:			
Rated heat output, average climate:	58	52	kW
Annual energy consumption for space heating, average climate	19008	21282	kWh
Annual electricity consumption for water heating, average climate			kWh
Seasonal space heating energy efficiency, average climate:	244	194	%
Water heating energy efficiency, average climate:			%
Sound power level LWA indoors	47		dB
Rated heat output, cold climate:	58	52	kW
Rated heat output, warm climate:	58	52	kW
Annual energy consumption for space heating, cold climate	21986	24241	kWh
Annual electricity consumption for water heating, cold climate			kWh
Annual energy consumption for space heating, warm climate	12119	13590	kWh
Annual electricity consumption for water heating, warm climate			kWh
Seasonal space heating energy efficiency, cold climate:	252	204	%
Water heating energy efficiency, cold climate:			%
Seasonal space heating energy efficiency, warm climate:	248	196	%
Water heating energy efficiency, warm climate:			%
Sound power level LWA outdoors	-		dB

#### Data for package fiche

Controller class	VI		
Controler contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	248	198	%
Seasonal space heating energy efficiency class for package, average climate:	<b>A+++</b>	<b>A+++</b>	%
Seasonal space heating energy efficiency of package, cold climate:	256	208	%
Seasonal space heating energy efficiency of package, warm climate:	252	200	%

<b>Model(s):</b>		<b>NIBE F1355-43</b>									
Type of heat source/sink:		Water-to-water									
Low-temperature heat pump:		No									
Equipped with supplementary heater:		No									
Heat pump combination heater:		No									
Climate condition:		Average									
Temperature application:		Medium temperature (55 °C)									
Applied standards: EN14825 and EN12102 (sound)											
<b>Rated heat output</b>		Prated	52,0	kW	<b>Seasonal space heating energy efficiency</b>		$\eta_s$	194	%		
<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	46,0	kW	Tj = -7 °C	COPd	3,65	kW				
Tj = +2 °C	Pdh	27,8	kW	Tj = +2 °C	COPd	4,90	kW				
Tj = +7 °C	Pdh	18,0	kW	Tj = +7 °C	COPd	6,34	kW				
Tj = +12 °C	Pdh	8,0	kW	Tj = +12 °C	COPd	6,34	kW				
Tj = biv	Pdh	51,9	kW	Tj = biv	COPd	3,53	kW				
Tj = TOL	Pdh	51,9	kW	Tj = TOL	COPd	3,53	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		Operation limit temperature			
Cycling interval capacity for heating				P <sub>cyh</sub>		kW		Cycling interval efficiency			
Degradation co-efficient				Cdh	0,99	-		Heating water operating limit			
							WTOL	65	°C		
<i>Power consumption in modes other than active mode</i>				<i>Supplementary heater</i>							
Off mode	P <sub>OFF</sub>	0,008	kW	Rated heat output		P <sub>sup</sub>	0,0	kW			
Thermostat-off mode	P <sub>TO</sub>	0,03	kW	Type of energy input						Electric	
Standby mode	P <sub>SB</sub>	0,018	kW								
Crankcase heater mode	P <sub>CK</sub>	0,02	kW								
<i>Other items</i>											
Capacity control	fixed			Rated air flow rate, outdoors				m <sup>3</sup> /h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	47/-	dB	Rated water flow rate, indoor heat exchanger				m <sup>3</sup> /h			
Annual energy consumption	Q <sub>HE</sub>	21282	kWh	Rated brine or water flow rate, outdoor heat exchanger				m <sup>3</sup> /h			
<i>For heat pump combination heater:</i>											
<b>Declared load profile</b>				<b>Water heating energy efficiency</b>		$\eta_{wh}$			%		
Daily electricity consumption	Q <sub>elec</sub>		kWh	Daily fuel consumption		Q <sub>fuel</sub>			kWh		
Annual electricity consumption	AEC		kWh	Annual fuel consumption		AFC			GJ		
<b>Approved by:</b>											
<b>Contact details</b>		© NIBE Energy Systems - Box 14 - Hannabadvägen 5 - 28521 Markaryd - Sweden									