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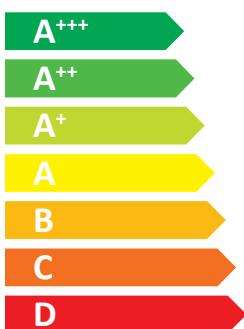
NIBE

NIBE S735C-7



55 °C

35 °C



A+++

A+++



44 dB



dB

■ 6
■ **6**
■ 6
kW

■ 6
■ **6**
■ 6
kW



2019

811/2013

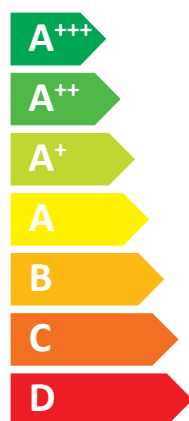


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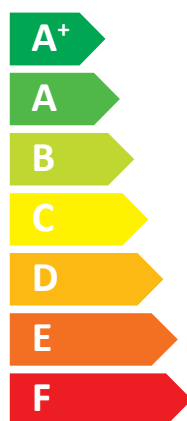


NIBE

NIBE S735C-7



A+++



A



44 dB



dB



■ 6 kW
■ **6 kW**
■ 6 kW

2019

811/2013



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Y

IJA

IE

IA

NIBE

NIBE S735C-7



A+++



A



A+++

A++

A+

A

B

C

D

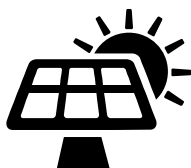
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A

Supplier's name:	NIBE AB		
Model:	NIBE S735C-7		
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:	6	6	kW
Annual energy consumption for space heating, average climate	2409	3015	kWh
Annual electricity consumption for water heating, average climate	1432		kWh
Seasonal space heating energy efficiency, average climate:	189	150	%
Water heating energy efficiency, average climate:	117		%
Sound power level LWA indoors	44		dB
Rated heat output, cold climate:	6	6	kW
Rated heat output, warm climate:	6	6	kW
Annual energy consumption for space heating, cold climate	2685	3459	kWh
Annual electricity consumption for water heating, cold climate	1432		kWh
Annual energy consumption for space heating, warm climate	1522	1939	kWh
Annual electricity consumption for water heating, warm climate	1432		kWh
Seasonal space heating energy efficiency, cold climate:	203	157	%
Water heating energy efficiency, cold climate:	117		%
Seasonal space heating energy efficiency, warm climate:	194	151	%
Water heating energy efficiency, warm climate:	117		%
Sound power level LWA outdoors			dB

Data for package fiche

Controller class	CLASS VI		
Controller contribution to efficiency	4,0		%
Seasonal space heating energy efficiency of package, average climate:	193	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	207	161	%
Seasonal space heating energy efficiency of package, warm climate:	198	155	%

Model(s):				NIBE S735C-7				NIBE			
Type of heat source/sink:				Exhaust air/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: EN 14825:2022, EN 16147:2017+A1:2022, EN 12102-1:2022											
Rated heat output			Prated	5,6	kW	Seasonal space heating energy efficiency			ηs	150	%
Declared capacity for part load at outdoor temperature Tj						Declared coefficient of performance for part load at outdoor temperature Tj					
Tj = -7 °C			Pdh	4,9	kW	Tj = -7 °C			COPd	2,48	
Tj = +2 °C			Pdh	2,8	kW	Tj = +2 °C			COPd	3,85	
Tj = +7 °C			Pdh	2,0	kW	Tj = +7 °C			COPd	4,82	
Tj = +12 °C			Pdh	1,6	kW	Tj = +12 °C			COPd	5,57	
Tj = biv			Pdh	5,3	kW	Tj = biv			COPd	2,29	
Tj = TOL			Pdh	5,3	kW	Tj = TOL			COPd	2,29	
Tj = -15 °C (if TOL < -20 °C)			Pdh		kW	Tj = -15 °C (if TOL < -20 °C)			COPd		
Bivalent temperature			Tbiv	-10	°C	Operation limit temperature			TOL	-10	°C
Cycling interval capacity for heating			Pcyc		kW	Cycling interval efficiency			COPcyc		-
Degradation co-efficient			Cdh	0,86	-	Heating water operating limit			WTOL	65	°C
Power consumption in modes other than active mode						Supplementary heater					
Off mode			P _{OFF}	0,008	kW	Rated heat output			P _{sup}	0,0	kW
Thermostat-off mode			P _{TO}	0,038	kW						
Standby mode			P _{SB}	0,034	kW	Type of energy input			Electric		
Crankcase heater mode			P _{CK}	0,008	kW						
Other items											
Capacity control			Variable			Rated air flow rate, outdoors				241	m³/h
Sound power level, indoors/outdoors			L _{WA}	44/-	dB	Rated water flow rate, indoor heat exchanger				0,32	m³/h
Annual energy consumption			Q _{HE}	3015	kWh	Rated brine or water flow rate, outdoor heat exchanger					m³/h
For heat pump combination heater:											
Declared load profile			XL			Water heating energy efficiency			η _{wh}	117	%
Daily electricity consumption			Q _{elec}	6,900	kWh	Daily fuel consumption			Q _{fuel}		kWh
Annual electricity consumption			AEC	1432	kWh	Annual fuel consumption			AFC		GJ
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