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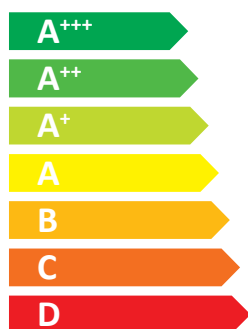
NIBE

NIBE S2124-10



55 °C

35 °C



A+++

A+++



dB



49 dB

7
6
6
kW

7
6
6
kW



2019

811/2013

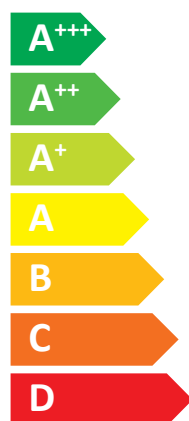


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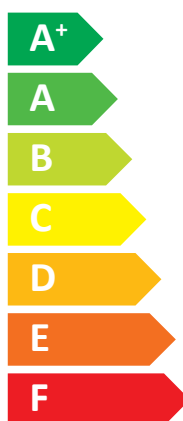
NIBE S2124-10 + P316



A+++



XL



A



35 dB



49 dB



- 7 kW
- 6 kW
- 6 kW

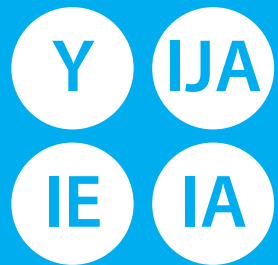
2019

811/2013



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NIBE S2124-10 + P316



A+++



A



A+++

A++

A+

A

B

C

D

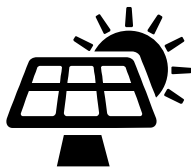
E

F

G

A+++

+



+



+



+



A+++

A++

A+

A

B

C

D

E

F

G

A

Supplier's name:	NIBE AB		
Model:	NIBE S2124-10 + P316		
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	2639	3291	kWh
Annual electricity consumption for water heating, average climate	1459		kWh
Seasonal space heating energy efficiency, average climate:	197	150	%
Water heating energy efficiency, average climate:	115		%
Sound power level LWA indoors	35		dB
Rated heat output, cold climate:	7	7	kW
Rated heat output, warm climate:	6	6	kW
Annual energy consumption for space heating, cold climate	4060	5151	kWh
Annual electricity consumption for water heating, cold climate	1874		kWh
Annual energy consumption for space heating, warm climate	1438	1895	kWh
Annual electricity consumption for water heating, warm climate	1235		kWh
Seasonal space heating energy efficiency, cold climate:	162	127	%
Water heating energy efficiency, cold climate:	89		%
Seasonal space heating energy efficiency, warm climate:	236	170	%
Water heating energy efficiency, warm climate:	136		%
Sound power level LWA outdoors	49		dB

Data for package fiche with VVM

Controller class	VI		
Controller contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	201	154	%
Seasonal space heating energy efficiency class for package, average climate:	A+++	A+++	%
Seasonal space heating energy efficiency of package, cold climate:	166	131	%
Seasonal space heating energy efficiency of package, warm climate:	240	174	%

Model(s):		NIBE S2124-10 + P316							
Type of heat source/sink:		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: EN14825 - EN16147 - EN12102-1									
Rated heat output		Prated	6,1	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	5,4	kW	Tj = -7 °C		COPd	2,23		
Tj = +2 °C	Pdh	3,3	kW	Tj = +2 °C		COPd	3,81		
Tj = +7 °C	Pdh	2,7	kW	Tj = +7 °C		COPd	5,12		
Tj = +12 °C	Pdh	2,3	kW	Tj = +12 °C		COPd	5,87		
Tj = biv	Pdh	6,1	kW	Tj = biv		COPd	2,23		
Tj = TOL	Pdh	6,1	kW	Tj = TOL		COPd	2,23		
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	Pcych		kW	Cycling interval efficiency		COPcyc		-	
Degradation co-efficient	Cdh	0,97	-	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		Psup	0,0	kW	
Thermostat-off mode	P _{TO}	0,013	kW						
Standby mode	P _{SB}	0,011	kW	Type of energy input		Electric			
Crankcase heater mode	P _{CK}	0,005	kW						
Other items									
Capacity control	Variable			Rated air flow rate, outdoors			2600	m³/h	
Sound power level, indoors/outdoors	L _{WA}	35/49	dB	Rated water flow rate, indoor heat exchanger				m³/h	
Annual energy consumption	Q _{HE}	3291	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}	115	%	
Daily electricity consumption	Q _{elec}	6,927	kWh	Daily fuel consumption		Q _{fuel}		kWh	
Annual electricity consumption	AEC	1459	kWh	Annual fuel consumption		AFC		GJ	
Approved by:									
Contact details		© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden							