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NIBE

NIBE S2125-12

	55 °C	35 °C
	A+++	A+++

A+++
A++
A+
A
B
C
D

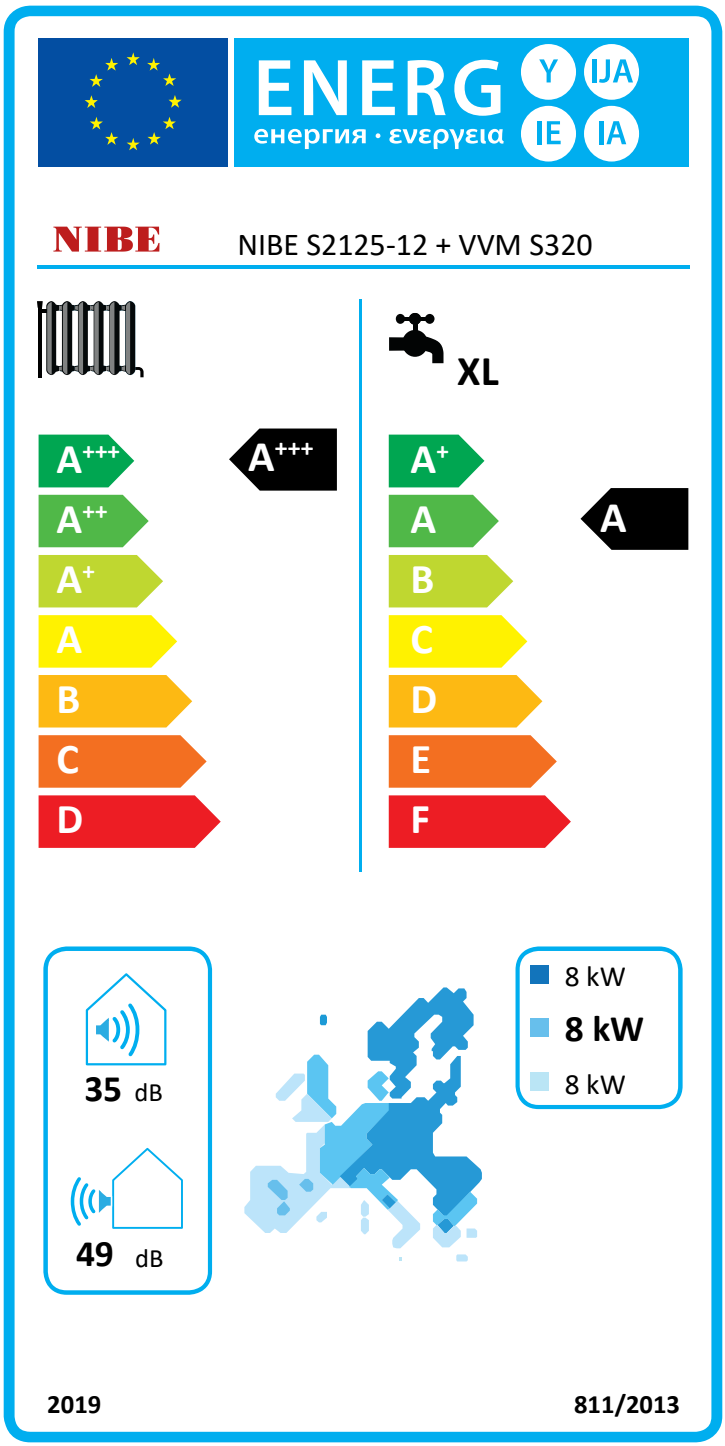
dB

49 dB

	8	8
	8	**7**
	8	7
	kW	kW

2019

811/2013


ENERG
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Y
IJA
IE
IA
NIBE
NIBE S2125-12 + VVM S320
XL
A+++
A++
A+
A
B
C
D
A+++
A+
A
B
C
D
E
F
A
35 dB
49 dB
8 kW
8 kW
8 kW
2019
811/2013

ENERG Y IJA IE IA

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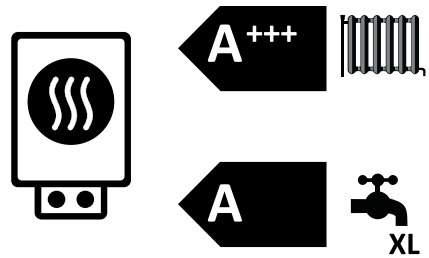
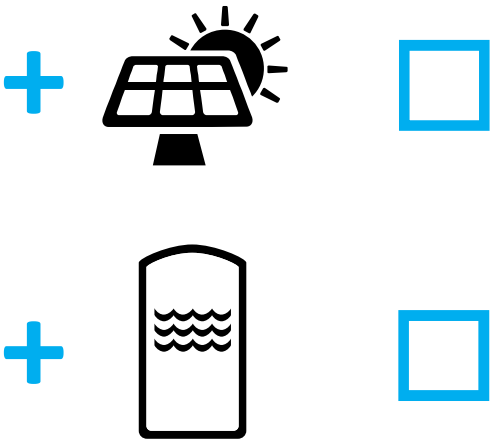
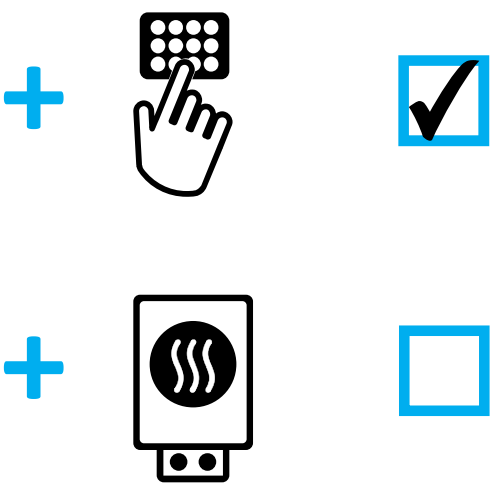
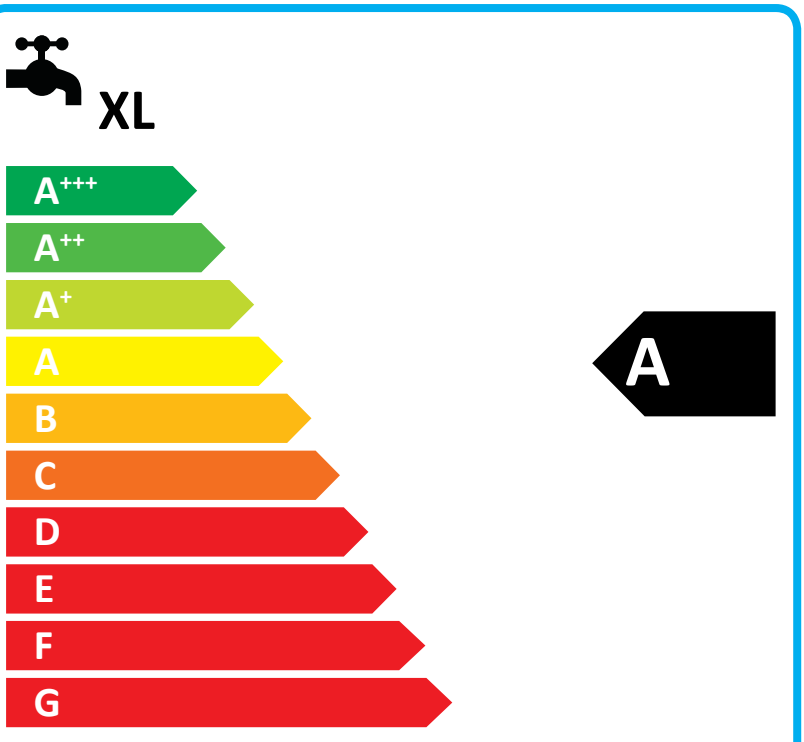
NIBE

NIBE S2125-12 + VVM S320









2015

811/2013

Supplier's name:	NIBE AB		
Model:	NIBE S2125-12 + VVM S320		
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:	6,8	7,6	kW
Annual energy consumption for space heating, average climate	2835	4102	kWh
Annual electricity consumption for water heating, average climate	1471		kWh
Seasonal space heating energy efficiency, average climate:	195	150	%
Water heating energy efficiency, average climate:	114		%
Sound power level LWA indoors	0		dB
Rated heat output, cold climate:	8,4	8,4	kW
Rated heat output, warm climate:	7,0	7,5	kW
Annual energy consumption for space heating, cold climate	4990	6189	kWh
Annual electricity consumption for water heating, cold climate	1904		kWh
Annual energy consumption for space heating, warm climate	1494	2194	kWh
Annual electricity consumption for water heating, warm climate	1266		kWh
Seasonal space heating energy efficiency, cold climate:	163	131	%
Water heating energy efficiency, cold climate:	88		%
Seasonal space heating energy efficiency, warm climate:	247	180	%
Water heating energy efficiency, warm climate:	132		%
Sound power level LWA outdoors	49		dB

Data for package fiche with VVM

Controller class	VI		
Controler contribution to efficiency	4		%
Seasonal space heating energy efficiency of package, average climate:	199	154	%
Seasonal space heating energy efficiency class for package, average climate:	**A+++**	**A+++**	%
Seasonal space heating energy efficiency of package, cold climate:	167	135	%
Seasonal space heating energy efficiency of package, warm climate:	251	184	%

Model(s):		**NIBE S2125-12 + VVM S320**						
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	7,6	kW		**Seasonal space heating energy efficiency**	η_s	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	6,7	kW		Tj = -7 °C	COPd	2,17	
Tj = +2 °C	Pdh	4,2	kW		Tj = +2 °C	COPd	3,83	
Tj = +7 °C	Pdh	2,7	kW		Tj = +7 °C	COPd	5,12	
Tj = +12 °C	Pdh	2,4	kW		Tj = +12 °C	COPd	5,87	
Tj = biv	Pdh	7,6	kW		Tj = biv	COPd	2,11	
Tj = TOL	Pdh	7,6	kW		Tj = TOL	COPd	2,11	
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW		Tj = -15 °C (if TOL < -20 °C)	COPd		
Bivalent temperature	T_{biv}	-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}	0,0045	kW					
Other items								
Capacity control	Variable				Rated air flow rate, outdoors			m^3/h
Sound power level, indoors/outdoors	L_{WA}	0/49	dB		Rated water flow rate, indoor heat exchanger			m^3/h
Annual energy consumption	Q_{HE}	4102	kWh		Rated brine or water flow rate, outdoor heat exchanger		2900,00	m^3/h
For heat pump combination heater:								
Declared load profile	**XL**				**Water heating energy efficiency**	η_{wh}	114	%
Daily electricity consumption	Q_{elec}	7,07	kWh		Daily fuel consumption	Q_{fuel}		kWh
Annual electricity consumption	AEC	1471	kWh		Annual fuel consumption	AFC		GJ
Approved by:								
Contact details	**© NIBE Energy Systems - Box 14 - Hannabadsvägen 5 - 28521 Markaryd - Sweden**							