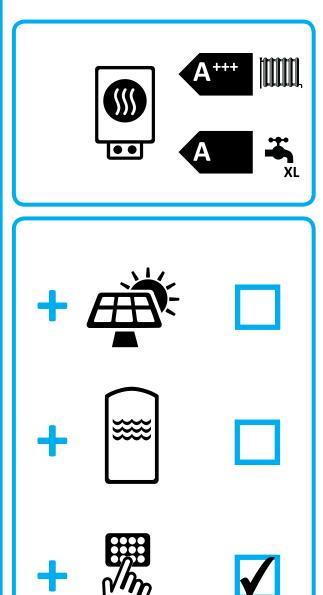




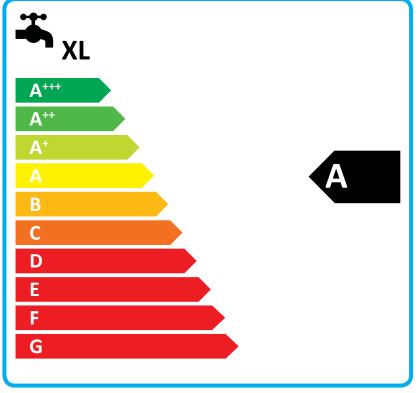
ENERG Y UA EHEPΓИЯ · ενεργεια (Ε) (ΙΑ)



NIBE S2125-12 + VVM S320







Supplier's name:	NIBE		
Model:	NIBE S2125-12 + VVM S320		
Temperature application	35	55	°C
Declared load profile for water	XL		
heating	, , ,	_	
Seasonal space heating energy	A+++	A+++	
efficiency class, average climate:	Attt	Attt	
Water heating energy efficiency	٨		
class, average climate:	A		
Rated heat output, average climate:	6,8	7,6	kW
Annual energy consumption for		4400	
space heating, average climate	2835	4102	kWh
Annual electricity consumption for	4.4-	7.4	1.30/1
water heating, average climate	1471		kWh
Seasonal space heating energy	405	150	0/
efficiency, average climate:	195	150	%
Water heating energy efficiency,	444		0/
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	4990	6189	kWh
space heating, cold climate	4990	0109	KVVII
Annual electricity consumption for	1904		kWh
water heating, cold climate	1904		KVVII
Annual energy consumption for	1494	2194	kWh
space heating, warm climate	1434	2134	KVVII
Annual electricity consumption for	1266		kWh
water heating, warm climate			KVVII
Seasonal space heating energy	163	131	%
efficiency, cold climate:	100		70
Water heating energy efficiency,	88		%
cold climate:	00		70
Seasonal space heating energy	247	180	%
efficiency, warm climate:	247 180		/0
Water heating energy efficiency,	132		%
warm climate:			
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: EN14925 EN16147 EN12102.1				



Climate condition:				Average	• • • • • • • • • • • • • • • • • • • •		
Temperature application:		1	Medium	temperature (55 °C)			
Applied standards: EN14825 - EN16147	- EN12102-	-1					
•				Seasonal space heating e	energy		
Rated heat output	Prated	7,6	kW	efficiency	η_s	150	%
Declared capacity for part load at outdoor tem				Declared coefficient of perform			е Тј
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	C) COPd		
Bivalent temperature	T _{biv}	-10	°C	Operation limit temperat	ture TOL	-10	°C
Cycling interval capacity for heating	Pcych		kW	Cycling interval efficiency	/ COPcyc		-
Degradation co-efficient	Cdh	0,97	-	Heating water operating		65	°C
	•				•		
Power consumption in modes other than active	mode	mode		Supplementary heater	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	Type of energy input Electric		
Crankcase heater mode	P _{CK}	0,0045	kW		<u>.</u>		
Other items							
Capacity control	Variable			Rated air flow rate, outdo	oors		m³/h
				Rated water flow rate, in	door heat		
Sound power level, indoors/outdoors	L _{WA}	0/49	dB	exchanger			m³/h
				Rated brine or water flov	v rate,		
Annual energy consumption	Q_{HE}	4102	kWh	outdoor heat exchanger		2900,00	m³/h
For heat pump combination heater:							
Declared load profile		XL		Water heating energy ef	ficiency n	114	%
Decialed load profile		ΛL		water neating energy en	ficiency η _{wh}	114	/0
Daily electricity consumption	Q _{elec}	7,07	kWh	Daily fuel consumption	Q _{fuel}		kWh
Annual electricity consumption	AEC	1471	kWh	Annual fuel consumption			GJ
Approved by				-			
Approved by:	⊚ NUDE E		D.	v 14 Hannahadaväas: 5 3	OF 21 Montround Com	don	
Contact details	€ INIRE FI	iergy Syste	ıns - Bo	x 14 - Hannabadsvägen 5 - 2	o⊃∠1 iviarkarya - Swe	uen	