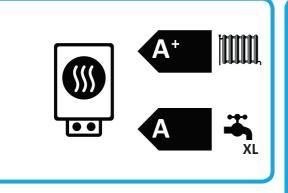




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AMS10-8 + ACVM270

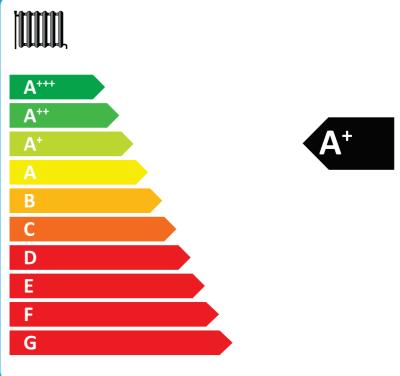


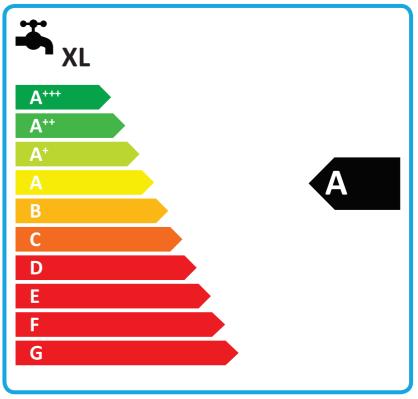












2015

Supplier's name:	N			
Model:	AMS10-8			
Temperature application	35	55	°C	
Declared load profile for water	XL			
heating				
Seasonal space heating energy	A++	A+		
efficiency class, average climate:	ATT	AT		
Water heating energy efficiency		Α		
class, average climate:		A		
Rated heat output, average climate:	6,3	7,0	kW	
Annual energy consumption for	0044	4004		
space heating, average climate	3214	4821	kWh	
Annual electricity consumption for	44	4000		
water heating, average climate	11	689	kWh	
Seasonal space heating energy	450	447	0/	
efficiency, average climate:	159	117	%	
Water heating energy efficiency,				
average climate:		99		
Sound power level LWA indoors	;	35		
Rated heat output, cold climate:	8,2	8,2	kW	
Rated heat output, warm climate:	8,0	8,0	kW	
Annual energy consumption for	6075	7454	kWh	
space heating, cold climate	0073	7454	KVVII	
Annual electricity consumption for	1886		kWh	
water heating, cold climate			KVVII	
Annual energy consumption for	1874	2333	kWh	
space heating, warm climate	107.1			
Annual electricity consumption for	1540		kWh	
water heating, warm climate		.5.5		
Seasonal space heating energy efficiency, cold climate:	130	105	%	
Water heating energy efficiency,				
cold climate:	89		%	
Seasonal space heating energy				
efficiency, warm climate:	225	180	%	
Water heating energy efficiency,	109		0/	
warm climate:	<u> </u>	%		
Sound power level LWA outdoors	,	dB		

Data for package fiche

Controller class			
Controler contribution to efficiency	2,0		%
Seasonal space heating energy efficiency of package, average climate:	161	119	%
Seasonal space heating energy efficiency class for package, average climate:	A++	A+	%
Seasonal space heating energy efficiency of package, cold climate:	132	107	%
Seasonal space heating energy efficiency of package, warm climate:	227	182	%

Air-to-water		
No		
Yes		
Yes		
Average		
Medium temperature (55 °C)		



Applied standards: EN14825 and EN16147							
				Seasonal space heating energy			
Rated heat output	Prated	7,0	kW	efficiency	η_{s}	117	%
Declared capacity for part load at outdoor temp	erature Tj			Declared coefficient of performance for part	load at outdo	or temperat	ture Tj
Tj = -7 °C	Pdh	4,8	kW	Tj = -7 °C	COPd	1,92	-
Tj = +2 °C	Pdh	3,8	kW	Tj = +2 °C	COPd	3,00	-
Tj = +7 °C	Pdh	2,4	kW	Tj = +7 °C	COPd	4,09	-
Tj = +12 °C	Pdh	2,3	kW	Tj = +12 °C	COPd	5,71	-
Tj = biv	Pdh	5,1	kW	Tj = biv	COPd	2,23	-
Tj = TOL	Pdh	4,8	kW	Tj = TOL	COPd	1,91	-
Tj = -15 °C (if TOL < -20 °C)	Pdh		kW	Tj = -15 °C (if TOL < -20 °C)	COPd		-
Bivalent temperature	T _{biv}	-4,5	°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	58	°C
Power consumption in modes other than active	mode			Supplementary heater			
Off mode	P _{OFF}	0,002	kW	Rated heat output	Psup	2,2	kW
Thermostat-off mode	P _{TO}	0,01	kW		•		
Standby mode	P_{SB}	0,015	kW	Type of energy input	Electric		
Crankcase heater mode	P _{CK}	0,03	kW				
Other items							
Capacity control	variable			Rated air flow rate, outdoors		3000	m³/h
				Rated water flow rate, indoor heat			
Sound power level, indoors/outdoors	L_WA	35/55	dB	exchanger		0,57	m³/h
				Rated brine or water flow rate,			
Annual energy consumption	Q_{HE}	4821	kWh	outdoor heat exchanger			m³/h
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	η_{wh}	99	%
Daile ala staiaite a ann an stainn		7.60	LAA/Is	Della final and account in			LAM
Daily electricity consumption	Q _{elec}	7,69	kWh	Daily fuel consumption	Q _{fuel}		kWh
Annual electricity consumption	AEC	1689	kWh	Annual fuel consumption	AFC		GJ
Approved by:	I a						
Contact details	© NIBE E	nergy Sys	tems - I	3ox 14 - Hannabadsvägen 5 - 28521 Ma	rkaryd - Sv	weden	