



ELISABETE ROSARIO R.  
DOMINGUES (22/03/2024 15:23:35)

AquaSnap 30RQ- 070R -A  
Scroll 040-160 R32 Heat Pump

Performance Information			
Mode		Cooling	Heating
Cooling Capacity <sup>(2)</sup>	kW	68.2	-
Heating Capacity <sup>(2)</sup>	kW	-	67.1
Instantaneous Heating Capacity <sup>(1)</sup>	kW	-	67.1
Cooling Efficiency (EER) <sup>(2)</sup>	kW/kW	3.19	-
Heating Efficiency (COP) <sup>(2)</sup>	kW/kW	-	2.99
Unit Power Input <sup>(2)</sup>	kW	21.4	22.5
Sound power level (LwA) <sup>(2)</sup>	dB(A)	89.5	-
Sound Pressure Level at 10.0m (LpA) <sup>(2)</sup>	dB(A)	58.0	-
Minimum Capacity <sup>(3)</sup>	kW	37.2	-
Maximum Capacity	kW	68.2	-

(1) Not certified value not taking the potential hot gas defrost cycles into account resulting of the climatic outdoor conditions.  
(2) All performances are compliant with EN14511 – 3 : 2022. Sound power level according to ISO9614 – 1.  
(3) Due to the minimum flow rate allowable a lower inlet water temperature might have to be specified to achieve this performance.

Operating Conditions			
System element		Cooling	Heating
Water heat exchanger			
Fluid	Fluid Type	Fresh Water	Fresh Water
	Fouling Factor (sqm-K)/kW	0.000	0.000
	Leaving Temperature °C	7.0	45.0
	Entering Temperature °C	12.0	40.0
	Fluid Flow l/s	3.24	3.26
Hydronic Module	External Static Pressure kPa	155	160
	Pump Power Input kW	1.82	1.80
Air heat exchanger			
Air	Entering Air Temperature (dry bulb) °C	30.6	7.0
	Entering Air Temperature (wet bulb) °C	-	6.0
	Relative Humidity %	-	86.7
	Altitude m	0	

Unit Configuration	
116S	HP dual-pump hydraulic module
159	Input contact for Refrigerant leak detection
23	Protection grilles
264	Evaporator screw connection sleeves (kit)
293	Expansion tank
331	Plastic tarp



Non contractual picture

Seasonal Efficiency <sup>(4)(5)</sup>			
Allowed applications for CE mark:			
Low Temp. Comfort Heating :		SCOP 30/35°C   ηs heat	3.44   134
T<55°C*			
Comfort Cooling : T>=2°C		SEER 12/7°C   ηs cool	4.09   161
Comfort Cooling : T>=13°C		SEER 23/18°C   ηs cool	5.15   203
High Temp. Process Cooling : T>=2°C		SEPR 12/7°C	5.70
Other Application:			
Intermediate Temp. Comfort Heating		SCOP 40/45°C   ηs heat	2.91   113

(4) \* ECODESIGN Compliant as per regulation (EU) N° 813/2013  
(5) All data related to seasonal efficiency are given for standard units and main options (Brine pump energy efficiency...).

Unit Information	
Manufacturing Source	Montluel site - France
Refrigerant type	R-32
Refrigerant Weight	kg 9
Tonnes CO2 Equivalent	Tonnes 6
Category PED	CAT III
Number of Refrigerant Circuit	1
Number of Passes (Evaporator)	1
Number of Compressor	2
Number of Fan	1
Fan Power Input	kW 1.75
Operating / Shipping Weight	kg 579/561
Unit Dimensions (LxWxH)	mm 2109x1090x1330

Electric Information		
Unit Voltage	V-Ph-Hz	400-3-50
Standby Power	W	160
Power Factor		0.84
Electrical Circuit		Supply 1
Maximum Current	A	58
Startup Current	A	180

Documentation	
	PSD
	IOM
	Technical drawing
	Revit file

