

## AquaSnap 30RB- 160R

Air-cooled liquid chiller with scroll compressor

Performance Information		
Mode		Cooling
Cooling Capacity <sup>(1)</sup>	kW	156
Cooling Efficiency (EER) <sup>(1)</sup>	kW/kW	2.65
Unit Power Input <sup>(1)</sup>	kW	58.7
Sound power level (LwA) <sup>(1)</sup>	dB(A)	83.0
Sound Pressure Level at 10.0m (LpA) <sup>(1)</sup>	dB(A)	51.0
Minimum Capacity <sup>(2)</sup>	kW	41.5
Maximum Capacity	kW	156

(1) All performances are compliant with EN14511 – 3 : 2018. Sound power level according to ISO9614 – 1.  
(2) 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
Water heat exchanger		
Fluid	Fluid Type	Fresh Water
	Fouling Factor (sqm-K)/kW	0
	Leaving Temperature °C	7.0
	Entering Temperature °C	12.0
Hydronic Module	Fluid Flow l/s	7.41
	External Static Pressure kPa	166
Air heat exchanger	Pump Power Input kW	2.59
Air	Entering Air Temperature °C	32.0
	Altitude m	0

Unit Configuration	
116V	HP VSD single-pump hydraulic module
149B	Modbus over IP and RS485
15LS	Very low noise level
256	Insulation of the evap. in/out ref.lines
282A	Reinforced ECM filtration for fan VFD
282B	Reinforced ECM filtration for pump VFD
42	Hydraulic module frost protection



Non contractual picture

Seasonal Efficiency <sup>(3)</sup>		
Allowed applications for CE mark:		
Comfort Cooling : T>=2°C*	SEER 12/7°C   ηs cool	4.48   176
Comfort Cooling : T>=13°C*	SEER 23/18°C   ηs cool	5.22   206
High Temp. Process Cooling : T>=2°C*	SEPR 12/7°C	5.06



\* ECODESIGN Compliant per (EU) N°2016/2281

(3) All data related to seasonal efficiency are given for standard units and main options (Brine, pump, energy efficiency,...).

Unit Information		
Manufacturing Source		Montluel
Refrigerant type		R32
Refrigerant Weight	kg	10
Tonnes CO2 Equivalent	Tonnes	6.84
Number of Refrigerant Circuit		2
Number of Passes (Evaporator)		1
Number of Compressor		4
Number of Fan		2
Fan Power Input	kW	1.39
Operating / Shipping Weight	kg	902/922
Unit Dimensions (LxWxH)	mm	2258x2050x1330

Electric Information		
Unit Voltage	V-Ph-Hz	400-3-50
Standby Power	kW	0.359
Power Factor		0.850
Electrical Circuit		Supply 1
Maximum Current	A	124
Startup Current	A	255

Documentation	
	PSD
	IOM
	Technical drawing
	Revit file