

30RBP 230R

Air-cooled scroll chiller with Greenspeed® Intelligence

Performance Information		
Mode		Cooling
Cooling Capacity ⁽¹⁾	kW	222
Cooling Efficiency (EER) ⁽¹⁾	kW/kW	3.23
Unit Power Input ⁽¹⁾	kW	68.8
Sound power level (LwA) ⁽¹⁾	dB(A)	86.5
Sound Pressure Level at 10.0m (LpA) ⁽¹⁾	dB(A)	54.5
Minimum Capacity ⁽²⁾	kW	60.5
Maximum Capacity	kW	222

(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
	Fluid Flow l/s	10.5
Hydronic Module	External Static Pressure kPa	148
	Pump Power Input kW	3.54
Air heat exchanger		
Air	Entering Air Temperature °C	32.0
Altitude	m	0

Unit Configuration	
116W	HP VSD dual-pump hydraulic mod
149B	Modbus over IP and RS485
15LS	Very low noise level
256	Insulation of the evap. in/out ref.lines
25E	Circuit Soft Starter
42A	Exchanger & hydraulic frost protection



Non contractual picture

Seasonal Efficiency ⁽³⁾		
Allowed applications for CE mark:		
Comfort Cooling : T>=2°C*	SEER 12/7°C ηs cool	5.01 197
Comfort Cooling : T>=13°C*	SEER 23/18°C ηs cool	6.09 241
High Temp. Process Cooling : T>=2°C*	SEPR 12/7°C	6.15



* 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	23
Tonnes CO2 Equivalent	Tonnes	15.4
Number of Refrigerant Circuit		2
Number of Passes (Evaporator)		1
Number of Compressor		4
Number of Fan		4
Fan Power Input	kW	2.79
Operating / Shipping Weight	kg	1765/1749
Unit Dimensions (LxWxH)	mm	2410x2253x2324

Electric Information		
Unit Voltage	V-Ph-Hz	400-3-50
Standby Power	kW	0.285
Power Factor		0.834
Electrical Circuit		Supply 1
Maximum Current	A	170
Startup Current	A	303

Documentation	
	PSD
	IOM
	Technical drawing
	Revit file