

(10/27/2021 4:28:20 PM)

30RBP 270R

Air-cooled scroll chiller with Greenspeed® Intelligence

Performance Information		
Mode		Cooling
Cooling Capacity ⁽¹⁾	kW	271
Cooling Efficiency (EER) ⁽¹⁾	kW/kW	3.01
Unit Power Input ⁽¹⁾	kW	89.9
Sound power level (LwA) ⁽¹⁾	dB(A)	92.0
Sound Pressure Level at 10.0m (LpA) ⁽¹⁾	dB(A)	60.0
Minimum Capacity ⁽²⁾	kW	71.3
Maximum Capacity	kW	271

(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	12.9
Hydronic Module	External Static Pressure kPa	163
	Pump Power Input kW	4.27
Air heat exchanger		
Air	Entering Air Temperature °C	35.0
Altitude	m	0

Unit Configuration	
116S	HP dual-pump hydraulic module
159	Input contact for Refrigerant leak detection
266	Welded evaporator connection kit
284	230V electrical plug
293	Expansion tank
326	Process application or Out Europe installation
42A	Exchanger & hydraulic frost protection
92A	Compressor suction and discharge valves
CS	Commodity Surcharge



Non contractual picture

Seasonal Efficiency ⁽³⁾		
Allowed applications for CE mark:		
Comfort Cooling : T>=2°C*	SEER 12/7°C ηs cool	4.88 192
Comfort Cooling : T>=13°C*	SEER 23/18°C ηs cool	5.79 229
High Temp. Process Cooling : T>=2°C*	SEPR 12/7°C	5.99



* ECODSIGN 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 24
Tonnes CO2 Equivalent	Tonnes 15.9
Number of Refrigerant Circuit	2
Number of Passes (Evaporator)	1
Number of Compressor	4
Number of Fan	4
Fan Power Input	kW 6.26
Operating / Shipping Weight	kg 1802/1701
Unit Dimensions (LxWxH)	mm 2410x2253x2324

Electric Information		
Unit Voltage	V-Ph-Hz	400-3-50
Standby Power	kW	0.285
Power Factor		0.854
Electrical Circuit		Supply 1
Maximum Current	A	207
Startup Current	A	419

Documentation	
	PSD
	IOM
	Technical drawing
	Revit file