

EWYT215B-XRA1+OP205

Cooling mode performances

Cooling capacity	203.5 kW	Chilled water IN/OUT	12.00 °C / 7.00 °C
Power input	72.15 kW	Chilled water flow	9.700 l/s
Cooling Efficiency EER	2.821 kW / kW	Water heat exchanger pressure drops	28.0 kPa
		Ambient temperature	35.0 °C
		Lw / Lp @ 1m	87 dB(A) / 68 dB(A)
SEER / ηs	4.16 / 163.4%	Fluid	Water
		Water heat exchanger fouling factor	0.000 m²C/W

SEER declared according to EN14825, fan coil application 12/7°C (inlet/outlet) water temperatures. Sound power level according to ISO 9614-1. SEER and IPLV/IP refer to standard unit without options

Heating mode performances

Heating capacity	164.3 kW	Heated water IN/OUT	20.00 °C / 25.00 °C
Power input	41.80 kW	Heated water flow	7.850 l/s
COP Heating Efficiency	3.930 kW / kW	Water heat exchanger pressure drops	19.8 kPa
SCOP / ηs	3.740 / 146.6%	Ambient temp dry/wet bulb	-4 °C / -5 °C

SCOP declared according to EN14825, average climate, low temperature application Heating performances calculated with defrost effect

Unit information

Compressor type	Scroll	Refrigerant type	R32
Capacity control	STEP	Air heat exchanger type	HFP
Compressor N°	2	Air heat exchanger fans N°	12
Circuit N°	1	Air heat exchanger fans control	Phase cut
Refrigerant charge	40 kg	Altitude	000 MSL
		Water heat exchanger type	Plated Heat Exchanger

Actual refrigerant charge depends on the final unit construction, refer to unit nameplate.

Electrical information

Power supply	400 V / 50.0 Hz / 3 Ph	Max. inrush current	497 A
Running current	123.97 A	Compressor starting method	Direct on line
Max. Running current	165 A		
Max. current wires sizing	181.5 A		

Voltage tolerance ± 10%. Phase Voltage unbalance ± 3%. Electrical data referred to standard unit without options, refer to unit name plate data.



EWYT215B-XRA1+OP205**Acoustic information****Sound pressure level at 1 m from the unit (rif. 2 x 10⁻⁵ Pa)**

63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)
65.0	71.0	66.0	65.0	63.0	59.0	53.0	46.0	67.7

Values referred to Evap. IN/OUT 12/7°C and 35°C Amb., full load operation, standard unit configuration without options. Sound pressure level calculated from sound power level. Sound pressure in octave band is for information only and not considered binding.

Physical information

Evap. connections size	88.9 mm	Length	4628 mm
		Width	1211 mm
Weight shipping/operating	1522 kg / 1564 kg	Height	1801 mm

Information referred to standard unit configuration without options, refer to certified unit drawing.

