



COMMERCIAL EQUIPMENT

COMPACT WALL MOUNTED CENTRIFUGAL

EMC

Compact commercial wall-mounted refrigeration units for small volume cold storage rooms, with centrifugal fan, for use in medium and low temperature applications.



GENERAL CHARACTERISTICS

- Pre-charged with refrigerant.
- Hermetic compressor.
- Expansion by thermostatic valve.
- High and low-pressure control.
- Automatic defrosting by hot gas.
- System for partial evaporation of defrosting water.
- Centrifuge fan in the condenser (Max. length 10m, min. diameter 250 mm Series 100 and 315 mm Series 200-300).
- Cable for supply, light and door micro switch (2,5 m).
- Integrated multifunctional electronic control.
- Watertight light point with energy-saving LED bulb.
- Condensation control by pressure switch.
- Ceramic filter dryer.
- Probe alert "dirty condenser".
- Isolation panel included.
- Indoor use.
- Watertight electrical panel.
- Air extraction fan.

OPTIONS

- Refrigerant R-454C.
- Winter Kit.
- Rotation / failure system for two units.
- Synchronized defrost system for two units.
- Voltage protector.
- Anti-corrosion treatment on condenser / evaporator coil.
- Exhaust air duct.
- Time control.
- Humidifier external to the equipment and control (cooling).
- Anti-corrosive treatment for the condenser unit furniture.
- Monitoring and control system. See page 69.



ELECTRONIC CONTROLLER

The XW60LH electronic controller, standard on our commercial compact units, is an advanced controller with a small footprint.

- Temperature control with maximum and minimum temperature recordings.
- "Jet Cool" function for rapid cooling.
- Intelligent defrosting.



All compact units in the commercial range using A2L refrigerants (R-455A and R-454C) are excluded* from the scope of the Regulation on Safety for Refrigeration Installations (RSIF).

* The exclusion of these units does not mean that the entire installation is exempt from the application of this REGULATION regarding design, safety conditions, and communication with the administration.

0 °C -5 °C ÷ 10 °C		Refrigeration capacity	°C EXT	°C EXT		Compressor		R-455A	Nominal consumption	Max. load current	Flow condens. evapora.	Noise level	Weight
Series	Model	W	m³	m³			kW	kg	A	A	m³/h	dBA	kg
100	EMC1006M1G	1.145	9	7	230/1/50	3/4	0,5	<1	5,2	7,3	1.030 - 880	34	77
	EMC1007M1G	1.475	12	9	230/1/50	1	0,7	<1	5,6	8,6	1.030 - 880	34	77
200	EMC2010M1G	1.750	16	14	230/1/50	1 1/4	0,9	<1,4	8,9	10,8	1.370 - 1.760	40	98
	EMC2015M5G	2.000	20	17	400/3/50	1 1/2	1,1	<1,4	3,9	4,6	1.370 - 1.760	40	98
300	EMC3017M5G	2.510	30	25	400/3/50	1 3/4	1,3	<1,6	4,3	5,4	1.370 - 1.920	43	103
	EMC3020M5G	3.100	40	32	400/3/50	2	1,5	<1,6	5,0	6,4	1.370 - 1.920	45	103

i If the equipment is to operate in a working range between 0 and -5 °C, it will be necessary to include a drain resistor. (Consult the technical office).

-20 °C -25 °C ÷ -15 °C		Refrigeration capacity	°C EXT	°C EXT		Compressor		R-455A	Nominal consumption	Max. load current	Flow condens. evapora.	Noise level	Weight
Series	Model	W	m³	m³		HP	kW	kg	A	A	m³/h	dBA	kg
100	EMC1010L1G	850	5	4	230/1/50	3/4	0,5	<1	3,6	6,8	1.030 - 880	34	76
	EMC1015L1G	1.100	8	5	230/1/50	1 1/4	0,9	<1	5,6	8,5	1.030 - 880	35	72
200	EMC2015L1G	1.350	15	10	230/1/50	1 3/4	1,3	<1,5	7,1	10,5	1.370 - 1.760	40	109
300	EMC3017L5G	1.500	21	14	400/3/50	2	1,5	<2	3,8	4,6	1.370 - 1.920	44	108
	EMC3020L5G	2.000	25	18	400/3/50	2 1/2	1,8	<2	5,4	7,4	1.370 - 1.920	45	108

DIMENSIONS

Unit									Cut		Unit + EMB. / PACK.			
Series	A	B	C	D	E	F	G	H	J	K	A	B	C	kg
100	655	460	910	360	450	355	390	200	415	400	1.205	505	965	80
200	705	690	1.000	410	470	355	620	200	640	410	1.476	740	1.070	110
300	705	735	1.050	410	520	420	670	200	690	475	1.126	780	1.105	120

