

kide**WATERLOOP****-20°C****0°C****WATERLOOP SYSTEM****SILENT
CONDENSING
UNITS****EWC****SILENT**

Silent water-cooled condensing units for refrigeration and freezing, very compact in size, designed for installation on the wall, floor or on the refrigeration unit. For medium and low temperature applications.

NEW**R-455A
R-454C****A2L****GENERAL CHARACTERISTICS**

- Pre-charged with nitrogen.
- A2L ready. Other refrigerants (please consult).
- Water* or water + 30% ethylene glycol.
- Power supply 230 V-I-50 Hz or 400 V-III-50 Hz.
- Hermetic scroll compressor on anti-vibration mounts.
- Liquid injection in low-temperature models.
- Liquid receiver.
- Ceramic filter dryer.
- Liquid sight glass.
- High and low pressure switches.
- Service valves (200 series).
- Pressure switch valve.
- Hydraulic condensation circuit in copper pipe with threaded connections.
- Built-in electrical power and control panel.
- Air extraction fan.
- Watertight electrical panel.

* Provided that the ambient temperature is above 0 °C.

OPTIONS

- Winter Kit.
- Electronic controller with fan-control relays, solenoid coil, resistors, chamber temperature and defrost probes, with 10 m of electrical interconnections and a 3 m connection hose.
- Voltage protector (single-phase version).
- Humidifier external to the equipment and control.
- Anti-corrosive treatment for the condenser unit furniture
- Monitoring and control system. See page 69.
- Alternation / failure system for two units.
- Synchronised defrosting system for two units.
- Time control.

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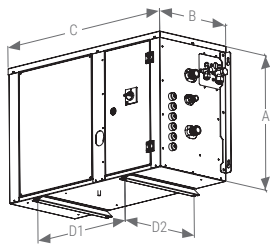
0 °C -5 °C ÷ 10 °C		Refrigeration capacity		Compressor		Nominal consumption	Max. load current	Liq	Suct	R-455A	Conexiones hidráulicas	Flow	Noise level	Weight
Series	Model			HP	kW							condens.		
		W				A	A					m³/h	dBA	kg
200	NEW EWC2010M1G	1.750	230/1/50	1 1/4	0,9	7,3	9,2	3/8"	1/2"	NITROGEN	1"	0,33	25	54
	NEW EWC2015M1G	2.460	230/1/50	1 1/2	1,1	9,9	12,5	3/8"	5/8"		1"	0,46	25	54
	NEW EWC2020M5G	3.100	400/3/50	2	1,5	3	4,5	3/8"	5/8"		1"	0,58	25	61
	NEW EWC2025M5G	4.300	400/3/50	2 1/4	1,7	3,9	6,7	3/8"	5/8"		1"	0,8	29	64
	NEW EWC2030M5G	5.020	400/3/50	3	2,2	4,2	6,8	3/8"	3/4"		1"	0,94	29	66
	NEW EWC2035M5G	6.010	400/3/50	3 1/2	2,6	4,6	8,3	3/8"	3/4"		1"	1,12	29	66
	NEW EWC2040M5G	7.150	400/3/50	4	3	5,5	9,8	3/8"	3/4"		1 1/4"	1,33	29	69
300	NEW EWC3050M5G	8.010	400/3/50	5	3,7	5,9	11,7	1/2"	7/8"	NITROGEN	1 1/4"	1,49	29	85
400	NEW EWC4065M5G	10.740	400/3/50	6 1/2	4,8	8	15,3	1/2"	1 1/8"		1 1/4"	2	29	84

-20 °C -15 °C ÷ -25 °C		Refrigeration capacity		Compressor		Nominal consumption	Max. load current	Liq	Suct	R-455A	Conexiones hidráulicas	Flow	Noise level	Weight
Series	Model			HP	kW							condens.		
		W				A	A					m³/h	dBA	kg
200	NEW EWC2020L5G	2.380	400/3/50	2 1/2	1,8	3,5	4,9	3/8"	5/8"	NITROGEN	1"	0,44	25	62
	NEW EWC2030L5G	2.840	400/3/50	3	2,2	4,2	9,8	3/8"	3/4"		1"	0,53	29	66
300	NEW EWC3040L5G	3.610	400/3/50	4	3	6,3	12	3/8"	3/4"		1"	0,67	29	85
	NEW EWC3050L5G	4.330	400/3/50	5	3,7	7	14,4	1/2"	7/8"		1 1/4"	0,81	29	87
400	NEW EWC4060L5G	5.300	400/3/50	6	4,7	9	18,3	1/2"	1 1/8"		1 1/4"	0,99	29	87
	NEW EWC4075L5G	6.800	400/3/50	7 1/2	6,2	12,5	22,7	1/2"	1 3/8"		1 1/4"	1,27	29	87

DIMENSIONS

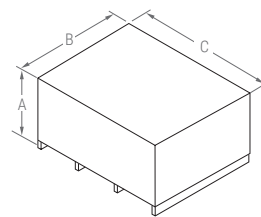
UNIDAD CONDENSADORA

Series	A	B	C	D1	D2
200	538	359	833	479	375
300	579	484	943	572	500
400	677	484	943	572	500

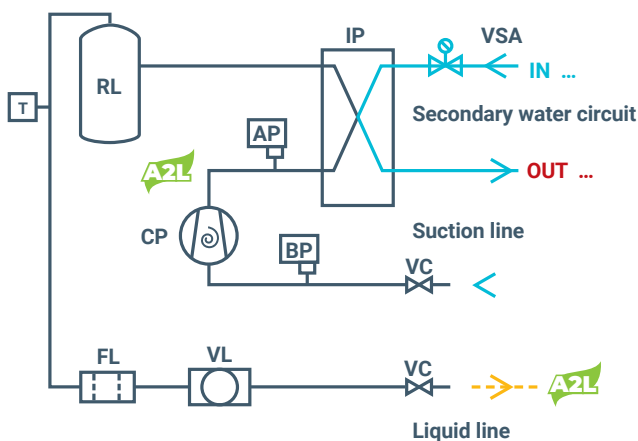


UNIDAD CONDENSADORA + EMBALAJE

	A	B	C	kg
200	880	640	980	80
300	970	780	1.105	110
400	970	780	1.105	110



REFRIGERATOR SCHEME



AP: High pressure switch
BP: Low pressure switch
CP: Compressor
IP: Plate exchanger
RL: Liquid container

T: Probe
VSA: Solenoid water valve
FL: Filter
VC: Shut-off valve
VL: Viewer