

kide**WATERLOOP****-20 °C****0 °C****WATERLOOP SYSTEM****SILENT SPLIT****ESW****SILENT**

Commercial split water condensed refrigeration units for small volume cold storage rooms in medium and low temperature applications.

**GENERAL CHARACTERISTICS**

- Pre-charged with refrigerant.
- Water* or water + 30% ethylene glycol.
- Power supply 230 V-I-50 Hz or 400 V-III-50 Hz (Other voltages, please enquire).
- Hermetic scroll compressor on anti-vibration mounts.
- Liquid injection in low-temperature models.
- Condensation by plate heat exchanger.
- 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.
- Electrical control panel with differential and magnetothermal protection.
- Electronic regulation with remote control

- of the evaporator and compressor, with a temperature sensor.
- Air extraction fan.
- Watertight electrical panel.
- Low profile / cubic evaporator with nitrogen (depending on model capacities).
- Electric defrosting.

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

OPTIONS

- Winter Kit.
- Alternation / failure system for two units.
- Synchronised defrosting system for two units.
- Voltage protector (single-phase version).
- Anti-corrosion treatment on evaporator coil.
- Time control.
- Cubic evaporator for EEC3 models.
- Humidifier external to the equipment and control (cooling).
- Anti-corrosive treatment for the condenser unit furniture.
- Monitoring and control system. See page 69.

Xweb**ELECTRONIC CONTROLLER**

KIDE-Split units incorporate the advanced XW60K-2DI electronic controller as standard.

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



0 °C -5 °C ÷ 10 °C		Refrigera- tion capacity	°C EXT	°C EXT		Compressor		Model UC.	Liq	Suct	R-455A	Nominal consump- tion	Max. load current	Evap. model	Flow	Noise	Weight
Series	Model	W	m³	m³		HP	kW				kg	A	A		Evapora.	level	
															m³/h	dBA	kg
200	NEW ESW2010M1G	1.750	16	14	230/1/50	1 1/4	0,9	ECW2010M1G	3/8"	1/2"	0,96	8,3	10,2	EEC3022M1G	2.000	25	105
	NEW ESW2015M1G	2.460	30	25	230/1/50	1 1/2	1,1	ECW2015M1G	3/8"	5/8"	0,96	11,4	14	EEC3003M1G	3.000	25	120
	NEW ESW2020M5G	3.100	40	32	400/3/50	2	1,5	ECW2020M5G	3/8"	5/8"	1,67	4,5	6,0	EEC3003M1G	3.000	25	120
	NEW ESW2025M5G	4.300	65	50	400/3/50	2 1/4	1,7	ECW2025M5G	3/8"	5/8"	1,67	5,0	7,8	EEC2206M1G	3.200	29	120
	NEW ESW2030M5G	5.020	86	67	400/3/50	3	2,2	ECW2030M5G	3/8"	3/4"	2,45	5,8	8,4	EEC2236M1G	5.490	29	130
	NEW ESW2035M5G	6.010	106	85	400/3/50	3 1/2	2,6	ECW2035M5G	3/8"	3/4"	2,45	6,2	9,9	EEC2236M1G	5.490	29	130
	NEW ESW2040M5G	7.150	130	100	400/3/50	4	3	ECW2040M5G	3/8"	3/4"	2,55	7,0	11,3	EEC2316M1G	5.600	29	135
300	NEW ESW3050M5G	8.010	170	140	400/3/50	5	3,7	ECW3050M5G	1/2"	7/8"	4,1	7,4	13,2	EEC2316M1G	5.600	29	160
400	NEW ESW4065M5G	10.740	210	185	400/3/50	6 1/2	4,8	ECW4065M5G	1/2"	1 1/8"	4,2	9,5	16,8	UEC2416M5G	8.540	29	180

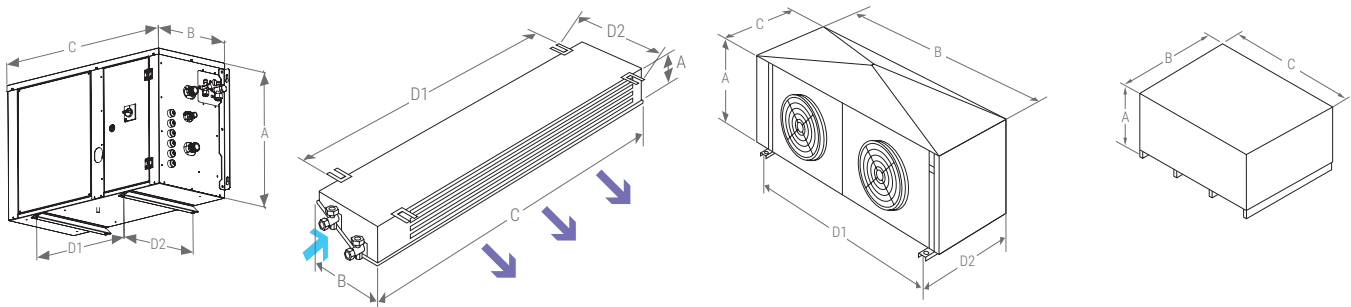
i If the equipment is to operate in a working range between 0 and -5 °C, it will be necessary to include a drain resistor. (Consult the technical office).

-20 °C -15 °C ÷ -25 °C		Refrigera- tion capacity	°C EXT	°C EXT		Compressor		Model UC.	Liq	Suct	R-455A	Nominal consump- tion	Max. load current	Evap. model	Flow	Noise	Weight
Series	Model	W	m³	m³		HP	kW				kg	A	A		Evapora.	level	
															m³/h	dBA	kg
200	NEW ESW2020L5G	2.380	28	24	400/3/50	2 1/2	1,8	ECW2020L5G	3/8"	5/8"	1,6	5,5	6,9	EEC3003L1G	4.000	25	120
	NEW ESW2030L5G	2.840	36	28	400/3/50	3	2,2	ECW2030L5G	3/8"	3/4"	1,65	5,2	10,9	EEC2156L1G	3.670	29	105
300	NEW ESW3040L5G	3.610	52	40	400/3/50	4	3	ECW3040L5G	3/8"	3/4"	2,4	7,9	13,6	EEC2236L1G	5.490	29	150
	NEW ESW3050L5G	4.330	66	51	400/3/50	5	3,7	ECW3050L5G	1/2"	7/8"	2,5	8,6	16,0	EEC2236L1G	5.490	29	150
400	NEW ESW4060L5G	5.300	111	77	400/3/50	6	4,7	ECW4060L5G	1/2"	1 1/8"	2,5	10,5	19,8	EEC2316L1G	5.600	29	155
	NEW ESW4075L5G	6.800	130	105	400/3/50	7 1/2	6,2	ECW4075L5G	1/2"	1 3/8"	2,6	14,0	24,2	EEC2316L1G	5.600	29	155

DIMENSIONS

	COND.						EVAP.				
Series	A	B	C	D1	D2	Model	A	B	C	D1	D2
200	538	359	833	479	375	EEC3022M1G	250	500	1.200	570	440
						EEC3003M1G	280	500	1.690	1.420	560
						EEC3003L1G	280	440	1.690	1.420	500
						EEC2156L1G	440	410	1.145	925	450
						EEC2206M1G	440	410	1.145	925	450
						EEC2236M1G	440	410	1.595	1.375	450
						EEC2316M1G	565	490	1.565	1345	450
300	579	484	943	572	500	EEC2236L1G	440	410	1.595	1.375	450
						EEC2316M1G	565	490	1.565	1.345	450
400	677	484	943	572	500	UEC2316L1G	565	450	1.565	1.345	450
						UEC2416M1G	565	450	1.565	1.345	450

U.C + EMB./PACK.				kg	EVAP.+EMB./PACK.				kg
Series	A	B	C		Model	A	B	C	
200	880	640	980	80	EEC3022M1G	300	530	1.395	35
					EEC3003M1G	330	535	1.980	50
					EEC3003L1G	330	535	1.980	50
					EEC2156L1G	530	530	1.180	35
					EEC2206M1G	530	530	1.180	40
					EEC2236M1G	530	530	1.630	38
					EEC2316M1G	655	580	1.600	55
300	970	780	1.105	110	EEC2236L1G	520	580	1.630	55
					EEC2316M1G	655	580	1.600	55
400	970	780	1.105	110	UEC2316L1G	655	580	1.600	55
					UEC2416M1G	655	580	1.600	80



REFRIGERATOR SCHEME see page 82