

kide**WATERLOOP**

12 °C

WATERLOOP SYSTEM**WORK ROOMS****ESW**HIGH
TEMPERATURE

SILENT

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

NEWR-455A
R-454C**A2L**

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.
- Stainless steel welded plate condenser.
- 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.
- Double flow type evaporator with nitrogen with low air flow.
- Air 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.
- Evaporator condensate pump.
- Anti-corrosion treatment on evaporator coil.
- Voltage protector (single-phase version).
- Time control.
- Humidifier external to the equipment and control.
- Anti-corrosive treatment for the condenser unit furniture.
- Monitoring and control system. See page 69.

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.

**Xwzb**

12 °C +10°C ÷ 15 °C		Refrigeration capacity	°C EXT	°C EXT		Compressor		Model UC.	Liq	Suct	R-455A	Nominal consumption	Max. load current	Evap. model	Flow	Noise level	Weight
Series	Model	W	m³	m³		HP	kW				kg	A	A		m³/h	dBA	kg
200	NEW ESW2007H1G	2.130	27	20	230/1/50	3/4	0,5	ECW2007H1G	3/8"	1/2"	0,96	4,7	6,9	EEP4084W1G	1.625	25	105
	NEW ESW2008H1G	2.810	41	30	230/1/50	1	0,7	ECW2008H1G	3/8"	1/2"	0,96	5,8	8,6	EEP4094W1G	1.380	25	105
	NEW ESW2015H1G	3.850	56	45	230/1/50	1 1/2	1,1	ECW2015H1G	3/8"	5/8"	1	10,7	13,2	EEP4154W1G	3.200	25	125
	NEW ESW2020H5G	4.940	86	67	400/3/50	2	1,5	ECW2020H5G	3/8"	5/8"	1,8	3,7	5,2	EEP4154W1G	3.200	25	125
	NEW ESW2030H5G	6.690	125	95	400/3/50	3	2,2	ECW2030H5G	3/8"	3/4"	2,45	5,3	7,9	EEP4214W1G	4.700	29	135
	NEW ESW2035H5G	8.613	175	135	400/3/50	3 1/2	2,6	ECW2035H5G	3/8"	3/4"	2,55	5,7	9,4	EEP4214W1G	4.700	29	135
	NEW ESW2040H5G	10.600	230	190	400/3/50	4	3	ECW2040H5G	3/8"	3/4"	2,55	6,6	10,9	EEP4214W1G	4.700	29	135
300	NEW ESW3050H5G	12.120	260	230	400/3/50	5	3,7	ECW3050H5G	1/2"	7/8"	4,2	7,4	13,2	2x EEP4154W1G	2x 3.200	29	165
400	NEW ESW4065H5G	16.450	320	270	400/3/50	6 1/2	4,8	ECW4065H5G	1/2"	1 1/8"	4,2	10,2	17,5	2x EEP4214W1G	2x 4.700	29	170

DIMENSIONS

COND.							EVAP.				
Series	A	B	C	D1	D2	Model	A	B	C	D1	D2
200	538	359	833	479	375	EEP4084W1G	310	853	796	582	810
						EEP4094W1G	310	853	796	582	810
						EEP4154W1G	310	850	1.610	1.380	810
						EEP4214W1G	310	850	1.900	1.730	790
300	579	484	943	572	500	EEP4154W1G	310	850	1.610	1.380	810
400	677	484	943	572	500	EEP4214W1G	310	850	1.900	1.730	790

U.C + EMB./PACK.					EVAP+EMB./PACK.				
Series	A	B	C	kg	Model	A	B	C	kg
200	880	640	980	80	EEP4084W1G	315	940	1.330	35
					EEP4094W1G	315	940	1.330	35
					EEP4154W1G	315	940	1.330	55
					EEP4214W1G	315	940	1.730	65
300	970	780	1.105	110	EEP4154W1G	315	940	1.330	55
400	970	780	1.105	110	EEP4214W1G	315	940	1.730	65

