



COMMERCIAL EQUIPMENT

WORK ROOMS



Split refrigeration units specially designed for food handling and processing rooms, antechambers and loading areas, for use in high temperature applications.



GENERAL CHARACTERISTICS

- Pre-charged with refrigerant (Max. length 10 m).
- Hermetic compressor / scroll.
- Service valves (Series 100 - 200 - 300).
- Liquid receptacle.
- Ceramic filter dryer.
- Liquid sight glass.
- High and low pressure switch.
- Condensation control by pressure switch.
- Probe alert "dirty condenser".
- Thermostatic expansion valve in the evaporator.
- Solenoid valve in the evaporator.
- Automatic air defrosting.
- Double flow type evaporator with nitrogen with low air flow.
- Electrical supply cable (3 m) (Series 100 - 200 - 300).
- Electrical interconnection (3) evaporator (10 m) (Series 100 - 200 - 300).
- Remote multifunctional electronic control (5 m) (Series 100 - 200 - 300).
- Cable for light (3 m) (Series 100-200-300).
- Voltage protector in three-phase version.
- Air extraction fan.
- Watertight electrical panel.

OPTIONS

- Winter Kit.
- Rotation / failure system for two units.
- Synchronized defrost system for two units.
- Voltage protector (single-phase version).
- Anti-corrosion treatment on condenser / evaporator coil.
- Oil separator (400-500 series).
- Independent electrical panel. See page 167.
- Evaporator condensate pump (max. Pumping head 1,5 m).
- Humidifier external to the equipment and control.
- Time 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.



CALCULATION BASIS - Pag. 168

12 °C +10°C ÷ 15 °C		Refrige- ration capacity	°C EXT	°C EXT		Compressor		Model UC.	Liq	Suct	R-455A	Nominal consump- tion	Max. load current	Evap. model	Flow condens. evapora.	Noise level	Weight
Series	Model	W	m³	m³		HP	kW				kg	A	A		m³/h	dBA	kg
200	ESC2007H1G	2.130	27	20	230/1/50	3/4	0,5	ECC2007H1G	3/8	1/2	<2,5	5,1	7,3	EEP4084W1G	1.040 - 1.590	25	100
300	ESC3008H1G	2.810	41	30	230/1/50	1	0,7	ECC3008H1G	3/8	1/2	<3,5	6,2	9	EEP4094W1G	1.200 - 1.380	28	110
400	ESC4015H1G	3.850	56	45	230/1/50	1 1/2	1,1	ECC4015H1G	1/2	5/8	<4	10,1	14,4	EEP4154W1G	1.200 - 1.380	30	135
	ESC4020H5G	5.100	88	76	400/3/50	2	1,5	ECC4020H5G	1/2	3/4	<4	5,2	9	EEP4154W1G	3.220 - 3.180	30	135
500	ESC5030H5G	6.850	108	103	400/3/50	3	2,2	ECC5030H5G	1/2	3/4	<4,5	6,9	11,8	EEP4214W1G	5.200 - 2.400	32	155

DIMENSIONS

COND.							EVAP.				
Series	A	B	C	D1	D2	Model	A	B	C	D1	D2
200	450	575	950	800	373	EEP4084	284	853	796	582	810
300	500	575	940	800	373	EEP4094	310	853	796	582	810
400	665	670	1.030	455	570	EEP4154	307	853	1.612	1.382	810
						EEP4154	307	853	1.612	1.382	810
500	915	750	1.050	480	630	EEP4214	310	848	1.900	1.731	790

	U.C + EMB./PACK.					EVAP.+EMB./PACK.				
Series	A	B	C	kg	Model	A	B	C	kg	
200	867	640	985	75	EEP4084	315	940	1.330	32	
300	867	640	985	90	EEP4094	315	940	1.330	35	
400	1.126	740	1.070	135	EEP4094	315	940	1.330	35	
					EEP4154	315	940	1.330	55	
500	1.136	1.000	1.350	180	EEP4214	315	940	1.730	65	

