kide SPLIT 12 °C

COMMERCIAL EQUIPMENT

WORK ROOMS

ESC HIGH TEMPERATURE

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

R-449A

GENERAL CHARACTERISTICS

- Pre-charged with refrigerant (Max. length 10 m).
- Hermetic compressor / scroll.
- Service valves (Series 100 - 200 - 300).
- Liquid container.
- 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 is shipped loose for fitting to the evaporator.
- Automatic air defrosting.
- Double flow type evaporator with nitrogen with low air flow.
- Cable for light (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.

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.
- Independent electrical panel. See page 167.
- Evaporator condensate pump (max. Pumping gead 1,5 m).
- Time control.
- Other voltages and 60 Hz.
- Humidifier external to the equipment and control.
- Oil separator (400-500 series).
- Anti-corrosive treatment for the condenser unit furniture
- Monitoring and control system. See page 69.

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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-449A	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
100	ESC1005H1X	1.200	13	10	230/1/50	1/2	0,4	ECC1005H1X	3/8	1/2	<2	2,9	3,6	EEP4084W1X	1.040 - 1.590	32	73
200	ESC2007H1X	1.900	22	17	230/1/50	3/4	0,5	ECC2007H1X	3/8	1/2	<2,5	4,4	5,8	EEP4084W1X	1.040 - 1.590	42	92
300	ESC3008H1X	2.400	29	25	230/1/50	1	0,7	ECC3008H1X	3/8	1/2	<3,5	5,5	6,9	EEP4094W1X	1.200 - 1.380	45	102
400	ESC4015H1X	3.300	48	36	230/1/50	1 1/2	1,1	ECC4015H1X	3/8	5/8	<4	9,3	11,1	EEP4154W1X	1.200 - 1.380	45	135
	ESC4020H5X	5.100	96	76	400/3/50	2	1,5	ECC4020H5X	1/2	3/4	<4	5,2	9	EEP4154W1X	3.220 - 3.180	45	135
500	ESC5030H5X	6.850	135	108	400/3/50	3	2,2	ECC5030H5X	1/2	3/4	<4,5	6,9	11,8	EEP4214W1X	5.200 - 2.400	45	130

DIMENSIONS

	COND.						EVAP.				
Series	A	B	C	D1	D2	Modelo	A	B	C	D1	D2
100	370	460	760	610	276	EEP4084	284	853	796	582	810
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	Modelo	A	B	C	kg
100	867	640	985	60	EEP4084	315	940	1.330	32
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