

COMMERCIAL EQUIPMENT

WORK ROOMS

ESF



Commercial split refrigeration units for small volume cold storage rooms, with centrifugal fan, specially designed for food handling and processing rooms, antechambers and loading areas. For high temperature applications.

NEW

R-449A



GENERAL CHARACTERISTICS

- Pre-charged with refrigerant (Max. length 10 m).
- Hermetic compressor.
- Service valves (Series 200 - 300).
- Liquid receptacle.
- Ceramic filter dryer.
- Liquid sight glass.
- High and low pressure switch.
- Condensation control by pressure switch.
- Probe alert "dirty condenser".
- Centrifuge fan in the condenser (Max. length 10 m, min. diameter, 315 mm Series 200 - 300 and 300x260 mm Serie 400).
- 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.
- Electrical supply cable (3 m) (Series 200 - 300).
- Electrical interconnection (3) evaporator (10 m) (Series 200 - 300).
- Remote multifunctional electronic control (5 m) (Series 200 - 300).
- Cable for light (3 m) (Series 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).
- Built-in condensate pump on double-flow evaporators (max. Pumping head 1,5 m).
- Anti-corrosion treatment on condenser / evaporator coil.
- Exhaust air duct (200 - 300 series).
- Other voltages and 60 Hz. Request.
- Time control.
- Humidifier external to the equipment and control.
- Independent electrical panel. (200-300 series). See page 167.
- 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		Refrigera- tion capacity	°C EXT	°C EXT		Compressor		Model UC.	Liq	Suct	R-455A	Nominal consump- tion	Max. load current	Evap. model	Flow	Noise level	Weight
Series	Model	W	m³	m³		HP	kW				kg	A	A		condens. evapora.		
															m³/h	dBA	kg
200	NEW ESF2007H1X	1.900	22	17	230/1/50	3/4	0,5	ECF2007H1X	3/8	1/2	<2,5	5,1	6,4	EEP4084W1X	1.040 - 1.590	25	100
300	NEW ESF3008H1X	2.400	29	25	230/1/50	1	0,7	ECF3008H1X	3/8	1/2	<3,5	6,1	7,5	EEP4094W1X	1.200 - 1.380	28	110
400	NEW ESF4015H1X	3.300	48	36	230/1/50	1 1/2	1,1	ECF4015H1X	3/8	1/2	<4	12,1	13,9	EEP4094W1X	1.200 - 1.380	30	135
	NEW ESF4020H5X	5.100	96	76	400/3/50	2	1,5	ECF4020H5X	3/8	3/4	<4	7,9	11,6	EEP4154W1X	3.220 - 3.180	30	135
500	NEW ESF5030H5X	6.850	135	108	400/3/50	3	2,2	ECF5030H5X	1/2	3/4	<4,5	10,2	15,1	EEP4214W1X	5.200 - 2.400	32	155

DIMENSIONS

Series	COND.						EVAP.				
	A	B	C	D1	D2	Model	A	B	C	D1	D2
200	450	485	900	800	373	EEP4084	284	853	796	582	810
300	500	485	900	800	373	EEP4094	310	853	796	582	810
400	665	670	1.030	445	570	EEP4094	310	853	796	582	810
						EEP4154	307	853	1.612	1.382	810
500	915	750	1.050	480	630	EEP4214	310	848	1.900	1.731	790

Series	U.C + EMB./PACK.				Model	EVAP.+EMB./PACK.			
	A	B	C	kg		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	130	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

