



12 °C



COMMERCIAL EQUIPMENT

WORK ROOMS

ESS



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



R-455A
R-454C



GENERAL CHARACTERISTICS

- Pre-charged with refrigerant (Max. length 10 m).
- Hermetic compressor / scroll.
- Service valves (Series 100 - 200 - 300).
- Liquid receiver.
- 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.
- 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.
- Oversized condenser coil with low speed fans.
- Liquid injection in 400-500 series.

OPTIONS

- Winter Kit.
- Rotation / failure system for two units.
- Synchronized defrost system for two units.
- Built-in condensate pump on double-flow evaporators (max. Pumping head 1,5 m).
- Anti-corrosion treatment on condenser / evaporator coil.
- Oil separator .
- 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.



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	Noise level	Weight
Series	Model					HP	kW										
		W	m³	m³							kg	A	A		m³/h	dBA	kg
200	ESS2007H1G	2.130	27	20	230/1/50	3/4	0,5	ECS2007H1G	3/8	1/2	<2,5	4,9	7,1	EEP4084W1G	1.040 - 1.590	25	100
300	ESS3008H1G	2.810	41	30	230/1/50	1	0,7	ECS3008H1G	3/8	1/2	<3,5	6,1	8,9	EEP4094W1G	1.200 - 1.380	28	110
400	ESS4015H1G	3.850	56	45	230/1/50	1 1/2	1,1	ECS4015H1G	1/2	5/8	<4	9,7	14	EEP4154W1G	3.220 - 1.380	30	135
	ESS4020H5G	4.940	88	72	400/3/50	2	1,5	ECS4020H5G	1/2	3/4	<4	4,8	8,5	EEP4154W1G	3.220 - 3.180	30	135
500	ESS5030H5G	6.690	128	103	400/3/50	3	2,2	ECS5030H5G	1/2	3/4	<4,5	6,5	11,4	EEP4214W1G	5.200 - 2.400	32	155

DIMENSIONS

Series	COND.						EVAP.				
	A	B	C	D1	D2	Model	A	B	C	D1	D2
200	500	570	950	570	500	EEP4084	284	853	796	582	810
300	500	610	955	570	500	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	750	1.050	480	630	500	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	876	640	985	75	EEP4084	315	940	1.330	32
300	876	640	985	90	EEP4094	315	940	1.330	35
400	1.126	640	1.070	130	EEP4094	315	940	1.330	35
	1.126	640	1.070	130	EEP4154	315	940	1.330	55
500	1.136	1.000	1.350	180	EEP4214	315	940	1.730	65

