

ZX FRIGPAK



COPELAND SCROLL CONDENSING UNITS



World renowned COPELAND built low noise boxed condensing units specifically designed for Australasian conditions.

FEATURES:



- >> Wide application range.
- >> Generously sized, low noise level condensers.
- >> COPELAND ZX scroll compressors designed specifically for medium temperature refrigeration applications.
- >> All electrical equipment (including compressor motors) designed for 50 Hz operation.
- >> Units supplied in a standard powder coated boxed enclosure.
- >> Complete with diagnostic module, crankcase heater, auto reset, HP/LP switch, liquid line drier & sight glass, adjustable LP switch, fan speed controller, oil separator, isolating switch, service valves (Suct & Liqd).

CAPACITY (Heat Extraction Watts) For 32°C Ambient *

MODEL	NOM. HP.	REFRIG.	EVAPORATING TEMPERATURE °C						
			-25	-20	-15	-10	-5	0	5
ZX020E	2.0	R22			2650	3330	4010	4750	5610
		R404A	2500	3060	3590	4120	4680	5290	5960
ZX030E	3.0	R22			4120	5070	6100	7280	8690
		R404A	2780	3540	4440	5480	6650	7950	9370
ZX040E	4.0	R22			5460	6730	8130	9620	11160
		R404A	3980	4960	5930	6930	8010	9200	10560
ZX050E	5.0	R22			7100	8720	10450	12300	14360
		R404A	5100	6560	8120	9760	11430	13100	14740
ZX060E	6.0	R22			7710	9630	11710	13940	16300
		R404A	6060	7530	9060	10720	12580	14720	17200
ZX075E	7.5	R22			9450	11640	14120	16960	20210
		R404A	6720	8330	10010	11820	13860	16200	18920

COMPRESSOR POWER INPUT (Watts) For 32°C Ambient *

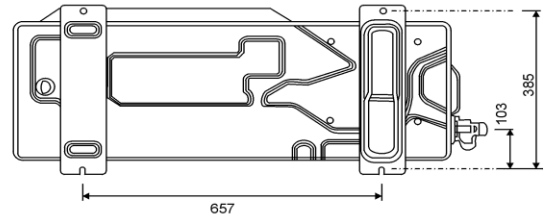
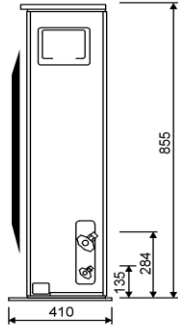
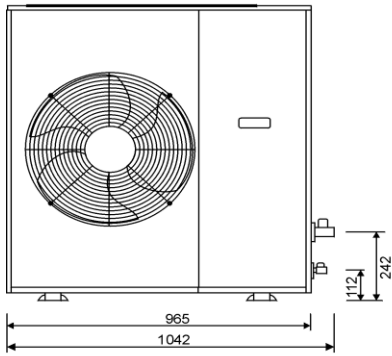
MODEL	NOM. HP.	REFRIG.	EVAPORATING TEMPERATURE °C						
			-25	-20	-15	-10	-5	0	5
ZX020E	2.0	R22			1640	1710	1795	1865	1910
		R404A	1570	1620	1700	1780	1860	1930	1980
ZX030E	3.0	R22			2420	2495	2600	2710	2885
		R404A	2400	2430	2480	2565	2660	2790	2960
ZX040E	4.0	R22			3340	3505	3660	3795	3875
		R404A	3150	3250	3390	3560	3720	3860	3940
ZX050E	5.0	R22			3990	4110	4280	4500	4770
		R404A	3910	3960	4050	4170	4340	4550	4820
ZX060E	6.0	R22			4630	4845	5100	5395	5700
		R404A	4470	4540	4690	4900	5160	5450	5750
ZX075E	7.5	R22			5840	6105	6445	6795	7175
		R404A	5620	5710	5900	6170	6500	6860	7230

* Data based on 18°C suction gas temperature and without liquid subcooling.

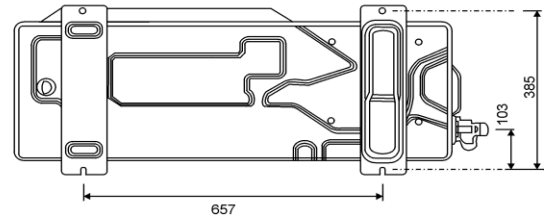
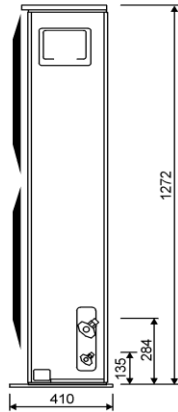
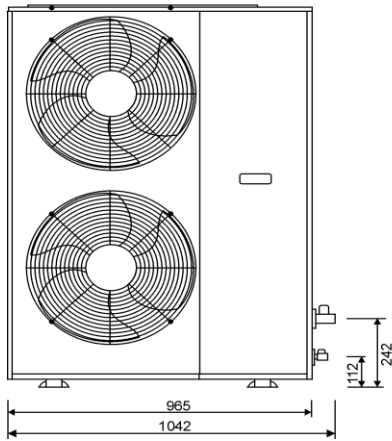
SPECIFICATIONS

DIMENSIONS: (mm overall) (nts)

ZX020E, 030E, 040E



ZX050E, 060E, 075E



TECHNICAL DATA:

MODEL	COMPRESSOR						CONDENSER		RECEIVER CAPACITY KG. R22 (1)	SERVICE CONNECTIONS		WEIGHT KG.
	NOM. HP.	MODEL	DISP. m3/hr	VOLTAGE	F.L AMPS	L.R. AMPS	FAN MOTOR *			LIQUID LINE	SUCTION LINE	
							VOLTAGE	AMPS				
ZX020E	2.0	ZX15KCE-TFD	6.2	380-420/3/50	4.3	26	220-240/1/50	0.57	7.6	1/2"	3/4"	95
ZX030E	3.0	ZX21KCE-TFD	10.0	380-420/3/50	5.7	40	220-240/1/50	0.57	7.6	1/2"	3/4"	100
ZX040E	4.0	ZX30KCE-TFD	11.8	380-420/3/50	7.4	50	220-240/1/50	0.57	7.6	1/2"	7/8"	107
ZX050E	5.0	ZX38KCE-TFD	14.5	380-420/3/50	8.9	66	220-240/1/50	2 x 0.57	7.6	1/2"	7/8"	118
ZX060E	6.0	ZX45KCE-TFD	17.2	380-420/3/50	11.5	74	220-240/1/50	2 x 0.57	7.6	1/2"	7/8"	121
ZX075E	7.5	ZX51KCE-TFD	21.9	380-420/3/50	13.2	101	220-240/1/50	2 x 0.57	7.6	1/2"	7/8"	153

NOTE: * Fan motors are complete with overload and thermal protection.

(1) Receiver capacity is pump down capacity for R22 (80% full) at 32°C liquid temperature. (Factor R404A - 0.89)

MODEL NO. NOMENCLATURE:

Z X 060 E

PRODUCT RANGE

ZX FRIGPAK
(BOXED UNIT)

POLYOLESTER LUBRICANT CHARGED

NOMINAL HP (x 10)