

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 38°C Ambient *

MODEL	NOM. HP.	REFRIG.	EVAPORATING TEMPERATURE °C						
			-25	-20	-15	-10	-5	0	5
ZX020E	2.0	R22			2380	3110	3810	4550	5370
		R404A	1710	2220	2700	3160	3640	4160	4730
ZX030E	3.0	R22			3680	4620	5650	6850	8290
		R404A	2520	3380	4360	5460	6660	7970	9380
ZX040E	4.0	R22			4720	6010	7420	8930	10480
		R404A	3470	4480	5440	6380	7360	8400	9570
ZX050E	5.0	R22			6550	8070	9740	11610	13710
		R404A	4180	5560	7070	8670	10320	11980	13630
ZX060E	6.0	R22			6810	8420	10570	12850	15260
		R404A	5220	6740	8250	9830	11550	13480	15690
ZX075E	7.5	R22			8830	10850	13250	16080	19420
		R404A	5660	7300	8430	10620	12470	14540	16920

COMPRESSOR POWER INPUT (Watts) For 38°C Ambient *

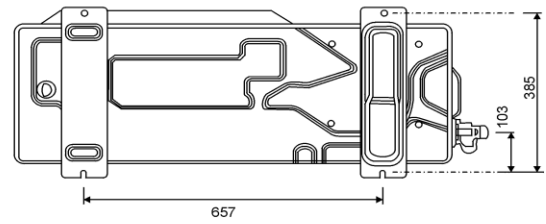
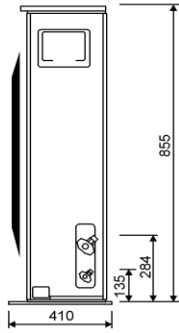
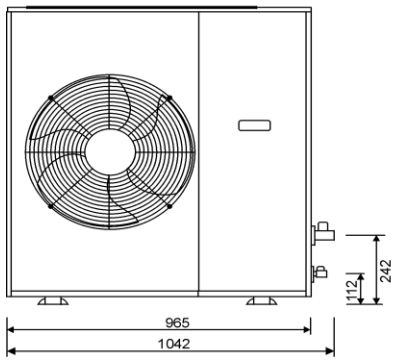
MODEL	NOM. HP.	REFRIG.	EVAPORATING TEMPERATURE °C						
			-25	-20	-15	-10	-5	0	5
ZX020E	2.0	R22			1660	1780	1880	1920	1960
		R404A	2000	2010	2020	2040	2090	2180	2320
ZX030E	3.0	R22			2230	2330	2430	2440	2590
		R404A	2750	2770	2800	2850	2930	3050	3200
ZX040E	4.0	R22			3000	3180	3300	3400	3550
		R404A	3420	3520	3650	3790	3930	4050	4110
ZX050E	5.0	R22			3800	3900	4100	4300	4500
		R404A	4380	4430	4510	4620	4780	4980	5230
ZX060E	6.0	R22			4200	4380	4550	4730	4910
		R404A	5070	5120	5250	5450	5680	5940	6210
ZX075E	7.5	R22			5030	5190	5470	5860	6380
		R404A	5530	5580	5730	5940	6190	6480	6770

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

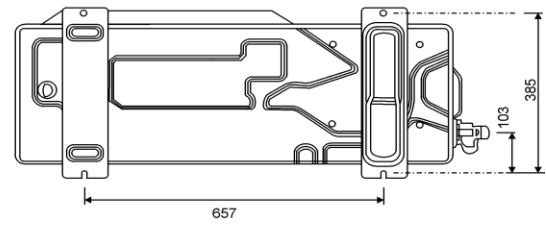
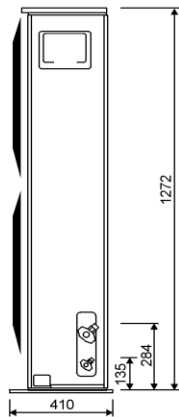
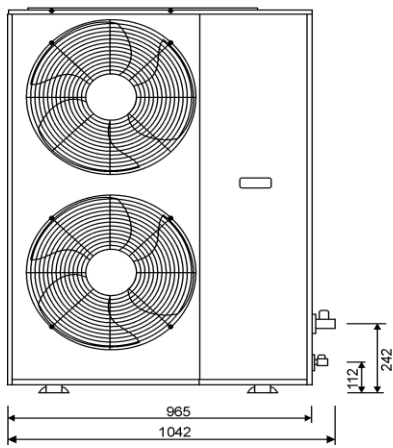
SPECIFICATIONS

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:

