

Copeland ZX Condensing Units



- Reliable and Efficient Copeland ZX Scroll Compressors
- Features : Compressor Phase, Reverse Rotation, Over Current, Discharge Over Temp, Over & Under Voltage Protection. Floodback Prediction, Fresh Start Logic, Short Cycle Protection, Fan Speed Control. c/w Fault Code History & Remote Alarming Facility. Liquid Injection on all units.
- Supplied c/w : Fixed HP, Fixed LP, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Sound Jacket, Circuit Breaker, Suction Transducer.

ZX SCROLL 020 - 076

2.0

7.6

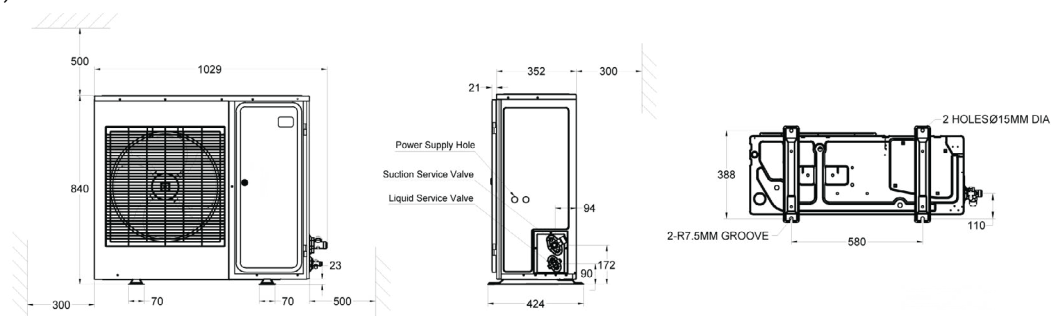
hp

CAPACITY (Watts) @ 38°C Ambient

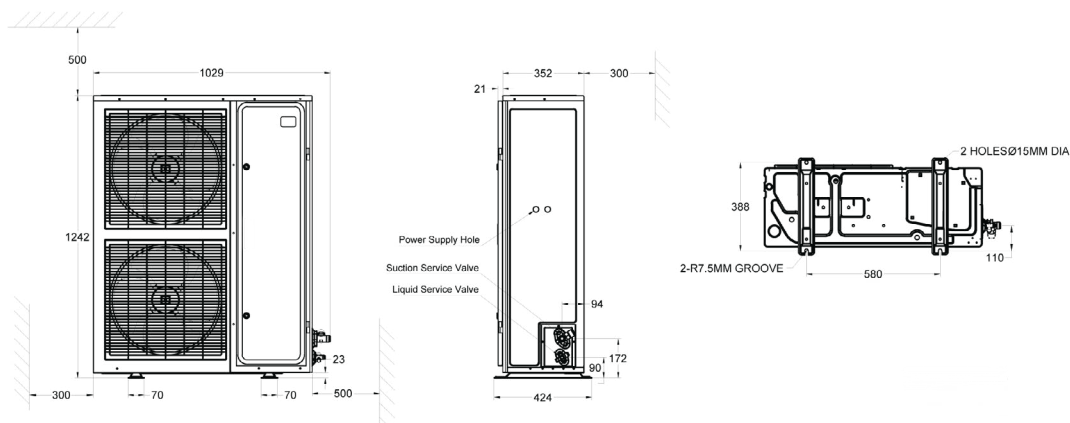
Model	Nom. hp	Refrigerant	Evaporating Temp °C						
			-20	-15	-10	-5	0	5	10
ZX020BE-PFJ/TFD	2.0	R448A	2070	2550	3230	3700	4220	4850	-
		R134a	1450	1800	2160	2560	2990	3500	4000
		R407F	-	2790	3350	4020	4740	5460	6350
		R404A	2420	2900	3360	3850	4360	4940	-
ZX030BE-PFJ/TFD	3.0	R448A	2900	3580	4650	5480	6430	7550	-
		R134a	1900	2370	2930	3580	4310	5140	5970
		R407F	-	3850	4750	5790	6970	8370	9930
		R404A	3390	4080	4850	5720	6670	7690	-
ZX040BE-PFJ/TFD	4.0	R448A	3940	4920	6310	7260	8350	9660	-
		R134a	2770	3480	4230	5030	5930	6980	8020
		R407F	-	5240	6360	7640	9070	10710	12610
		R404A	4610	5600	6570	7570	8640	9850	-
ZX050BE-TFD	5.0	R448A	4750	6210	8310	9900	11580	13390	-
		R134a	3340	4400	5580	6860	8230	9650	11080
		R407F	-	6320	8440	10220	11950	13910	16410
		R404A	5560	7070	8670	10320	11980	13630	-
ZX060BE-TFD	6.0	R448A	5760	7240	9360	11050	13030	15440	-
		R134a	4040	5130	6320	7680	9260	11110	12970
		R407F	-	7200	9450	11350	13380	16140	19030
		R404A	6740	8250	9830	11550	13480	15690	-
ZX076BE-TFD	7.5	R448A	6370	7820	10350	12180	14330	16980	-
		R134a	4470	5540	6970	8460	10180	12230	14270
		R407F	-	8010	10510	12620	14880	17780	20960
		R404A	7450	8910	10830	12720	14830	17260	-

DIMENSIONS

ZX-PFJ (2HP - 4HP)
ZX-TFD (2HP - 4HP)



ZX-TFD (5HP - 7.6HP)



TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER				RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Airflow (l/sec)	Fan Motors			Capacity (kg) (2)	Suction	Liquid		
							No. (1)	Tot. Watts	Tot. Amps					
ZX020BE	2.0	ZX15KCE-PFJ	220-240/1/50	13.2	58.0	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	76
ZX020BE	2.0	ZX15KCE-TFD	380-420/3/50	4.9	26.0	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	76
ZX030BE	3.0	ZX21KCE-PFJ	220-240/1/50	16.4	82.0	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	79
ZX030BE	3.0	ZX21KCE-TFD	380-420/3/50	6.1	36.0	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	79
ZX040BE	4.0	ZX29KCE-PFJ	220-240/1/50	20.0	114.0	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	100
ZX040BE	4.0	ZX29KCE-TFD	380-420/3/50	7.5	44.3	967	1 x 450	116	0.6	4.4	3/4"	1/2"	56	100
ZX050BE	5.0	ZX38KCE-TFD	380-420/3/50	9.6	58.6	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	108
ZX060BE	6.0	ZX45KCE-TFD	380-420/3/50	11.5	67.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	112
ZX076BE	7.5	ZX51KCE-TFD	380-420/3/50	11.8	101.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	121

The company reserves the right to make specification changes without notice.

NOTES:

- 450mm Cond Fans - 220-240/1/50
- R404A pump down capacity @ 80% full for 32° C liquid temp.
- All noise level ratings are SOUND PRESSURE based at a distance of 1.0 mtr and are given as a guide only.