

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

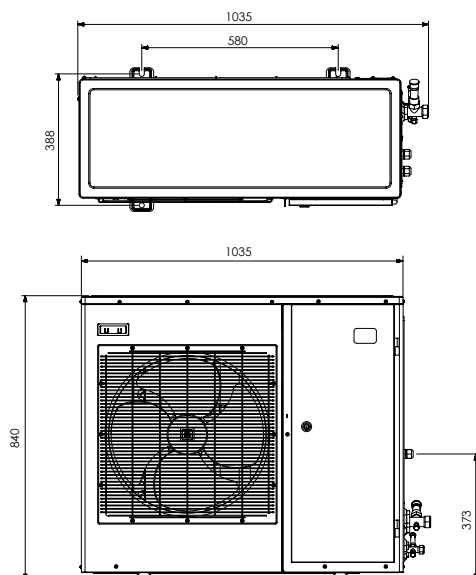
7.6

hp

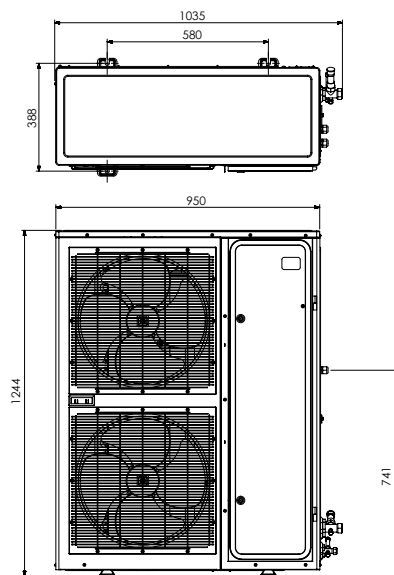
CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C						
			-20	-15	-10	-5	0	5	10
ZX020BE-PFJ ZX020BE-TFD	2.0	R407F	-	2790	3350	4020	4740	5460	6350
		R449A	-	2490	3080	3740	4470	5290	6170
		R134a	-	1590	1990	2470	3030	3670	4390
		R404A	2420	2900	3360	3850	4360	4940	-
ZX030BE-PFJ ZX030BE-TFD	3.0	R407F	-	3850	4750	5790	6970	8370	9930
		R449A	-	3820	4650	5570	6600	7740	8980
		R134a	-	2320	2930	3650	4480	5420	6470
		R404A	3390	4080	4850	5720	6670	7690	-
ZX040BE-PFJ ZX040BE-TFD	4.0	R407F	-	5240	6360	7640	9070	10710	12610
		R449A	-	4860	5840	6920	8120	9420	10850
		R134a	-	2175	3412	4660	6000	7240	8630
		R404A	4610	5600	6570	7570	8640	9850	-
ZX050BE-TFD	5.0	R407F	-	6320	8440	10220	11950	13910	16410
		R449A	-	6560	8040	9660	11450	13500	15800
		R134a	-	4070	5130	6330	7690	9230	10950
		R404A	5560	7070	8670	10320	11980	13630	-
ZX060BE-TFD	6.0	R407F	-	7200	9450	11350	13380	16140	19030
		R449A	-	7530	9210	11050	13050	15350	17850
		R134a	-	4840	6040	7460	9080	10900	12850
		R404A	6740	8250	9830	11550	13480	15690	-
ZX076BE-TFD	7.5	R407F	-	8010	10510	12620	14880	17780	20960
		R449A	-	8660	10600	12700	15050	17650	20600
		R134a	-	5600	6950	8510	10300	12250	14450
		R404A	7450	8910	10830	12720	14830	17260	-

DIMENSIONS



ZX020
ZX030
ZX040



ZX050
ZX060
ZX076

NTS (mm)

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.