

Copeland ZXL Condensing Units



- Reliable and Efficient Copeland ZX Scroll Compressors
- Features : Vapour Injection/Liquid sub-cooling, Phase Protection, 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 Line insulation req'd on all ZXL installations
- Supplied c/w : Accumulator, Fixed HP, Adjustable LP, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Sound Jacket, Circuit Breaker, Suction Transducer.

ZXL SCROLL 020 - 750

2.0

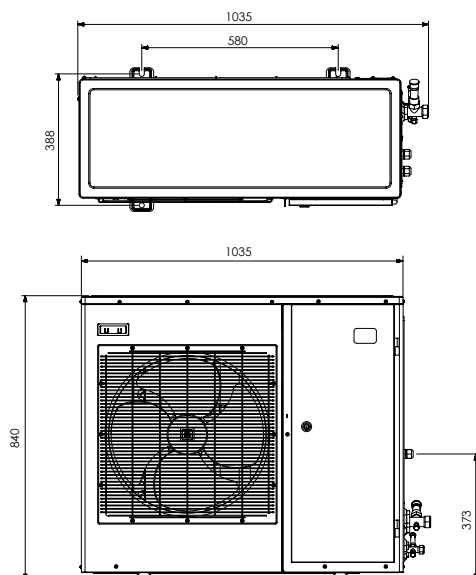
7.5

hp

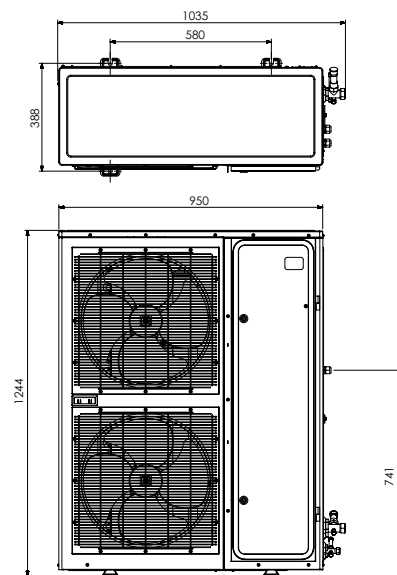
CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-40	-35	-30	-25	-20	-15	-10	-5	0
ZXL020BE-PFJ/TFD	2.0	R448A	1000	1290	1640	2050	2520	3060	3660	4320	5060
		R404A	1250	1490	1930	2400	2920	3470	4070	4700	5380
		R407F	1140	1470	1910	2430	3040	3710	4430	5190	5980
ZXL030BE-PFJ/TFD	3.0	R448A	1600	1840	2210	2740	3400	4220	5180	6300	7560
		R404A	2000	2330	2770	3310	3920	4590	5310	6950	7950
		R407F	1600	2070	2650	3330	4110	5040	6140	7450	8850
ZXL040BE-TFD	4.0	R448A	2300	2900	3630	4460	5390	6420	7540	8730	10000
		R404A	2850	3560	4370	5270	6250	7280	8360	9480	10630
		R407F	2730	3470	4300	5230	6260	7420	8710	10130	11720
ZXL050BE-TFD	5.0	R448A	2570	3250	4100	5100	6220	7430	8690	9980	11270
		R404A	3250	4030	4980	6060	7220	8430	9650	10840	11970
		R407F	2900	3620	4670	5960	7400	8940	10480	11920	13220
ZXL060BE-TFD	6.0	R448A	3300	4100	5060	6190	7460	8870	10410	12070	13840
		R404A	4070	5020	6120	7340	8660	10080	11570	13110	14700
		R407F	3600	4520	5740	7220	8880	10690	12560	14420	16230
ZXL075BE-TFD	7.5	R448A	3650	4590	5650	6830	8150	9640	11310	13170	15250
		R404A	4490	5610	6800	8080	9460	10940	12550	14300	16190
		R407F	3980	5050	6380	7940	9700	11600	13630	15730	17870

DIMENSIONS



ZXL020
ZXL030
ZXL040



ZXL050
ZXL060
ZXL075

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					
ZXL020BE	2.0	ZXI06KCE-PFJ	220-240/1/50	12.7	56.6	811	1 x 450	116	0.6	4.4	3/4"	1/2"	56	79
ZXL020BE	2.0	ZXI06KCE-TFD	380-420/3/50	5.7	39.2	811	1 x 450	116	0.6	4.4	3/4"	1/2"	56	79
ZXL030BE	3.0	ZXI09KCE-PFJ	220-240/1/50	15.1	82.3	811	1 x 450	116	0.6	4.4	3/4"	1/2"	56	81
ZXL030BE	3.0	ZXI09KCE-TFD	380-420/3/50	6.0	39.2	811	1 x 450	116	0.6	4.4	3/4"	1/2"	56	81
ZXL040BE	4.0	ZXI14KCE-TFD	380-420/3/50	8.6	51.5	811	1 x 450	116	0.6	4.4	7/8"	1/2"	56	93
ZXL050BE	5.0	ZXI15KCE-TFD	380-420/3/50	10.0	51.5	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	106
ZXL060BE	6.0	ZXI18KCE-TFD	380-420/3/50	11.1	74.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	116
ZXL075BE	7.5	ZXI21KCE-TFD	380-420/3/50	14.6	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.
- All ZXL units have vapour injection/liquid sub-cooling via PHX in unit.
- Insulate liquid line on installation of unit due to sub-cooled liquid.