

Copeland ZXD Condensing Units



- Reliable and Efficient Copeland Digital Scroll Compressors
- Features : Compressor Phase, Reverse Rotation, Over Current, Discharge Over Temp, Over & Under Voltage Protection. Floodback Prediction, Short Cycle Protection, Fan Speed Control c/w Fault Code History & Remote Alarming Facility. ZXD090 has Vapour Injection/Liquid Sub-Cooling via PHX
ZXD090 - Insulate Liquid Line
- Supplied c/w : Fixed HP, Fixed LP, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Sound Jacket, Circuit breaker, Suction Transducer.

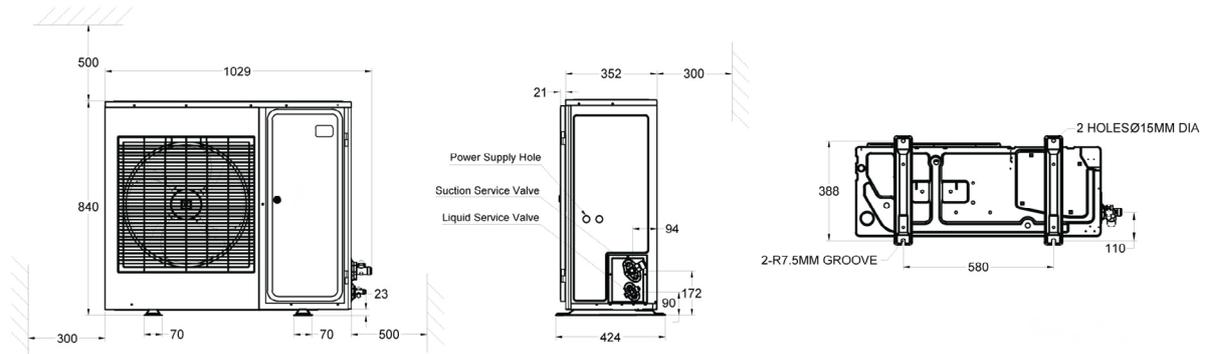
ZXD DIGITAL SCROLL 030 - 090

3.0 9.0 hp

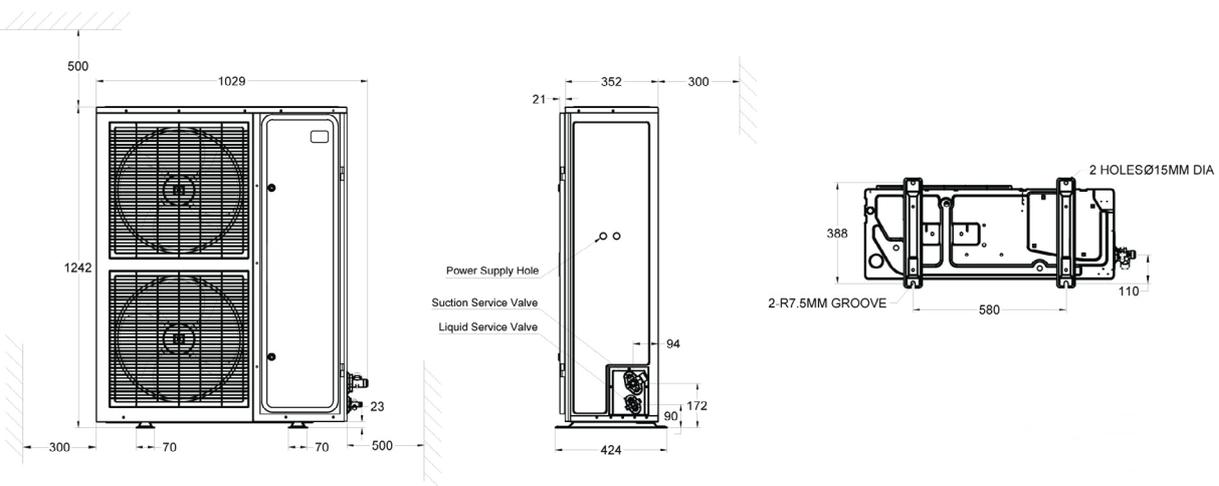
CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C						
			-20	-15	-10	-5	0	5	10
ZXD030BE-TFD	3.0	R448A	2870	3570	4450	5320	6340	-	-
		R134a	1990	2450	3020	3690	4450	5280	6100
		R407F	-	-	4720	5840	6750	7880	9640
		R404A	3320	3940	4690	5550	6480	7450	-
ZXD040BE-TFD	4.0	R448A	4240	5430	6740	7920	9240	-	-
		R134a	2940	3730	4580	5500	6490	7570	8640
		R407F	-	-	6660	8270	10010	11850	13770
		R404A	4900	6000	7120	8270	9450	10680	-
ZXD050BE-TFD	5.0	R448A	4810	6400	8220	9910	11730	-	-
		R134a	3340	4400	5580	6860	8230	9650	11080
		R407F	-	-	8110	10330	12690	14810	17350
		R404A	5560	7070	8670	10320	11980	13630	-
ZXD060BE-TFD	6.0	R448A	5830	7470	9320	11090	13210	-	-
		R134a	4040	5130	6320	7680	9260	11110	12970
		R407F	-	-	9070	11500	14190	16640	19760
		R404A	6740	8250	9830	11550	13480	15690	-
ZXD076BE-TFD	7.5	R448A	6450	8070	10260	12230	14560	-	-
		R134a	4470	5540	6970	8460	10180	12230	14270
		R407F	-	-	11570	13600	15820	18280	21060
		R404A	7450	8910	10830	12720	14830	17260	-
ZXD090BE-TFD *Insulate Liquid Line*	9.0	R448A	8640	10200	11840	13640	15350	-	-
		R134a	6300	7650	9260	10710	11540	12700	14560
		R407F	8210	9970	12120	14910	17490	-	-
		R404A	10500	12300	14400	16100	16800	-	-

ZXD-TFD (3HP)



ZXD-TFD (4HP - 9HP)



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					
ZXD030BE	3.0	ZBD21KQE-TFD	380-420/3/50	7.4	40.0	811	1 x 450	116	0.6	4.4	3/4"	1/2"	56	85
ZXD040BE	4.0	ZBD29KQE-TFD	380-420/3/50	7.7	48.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	104
ZXD050BE	5.0	ZBD38KQE-TFD	380-420/3/50	10.4	64.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	112
ZXD060BE	6.0	ZBD45KQE-TFD	380-420/3/50	9.6	74.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	114
ZXD076BE	7.5	ZBD48KQE-TFD	380-420/3/50	12.4	100.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	60	122
ZXD090BE	9.0	ZXD78KVE-TFD	380-420/3/50	14.6	102.0	1641	2 x 450	246	1.2	6.3	7/8"	1/2"	62	138

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.
- ZXD090 has vapour injection/liquid sub-cooling via PHX
- ZXD090 - insulate liquid line due to sub-cooled liquid.

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