

# 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

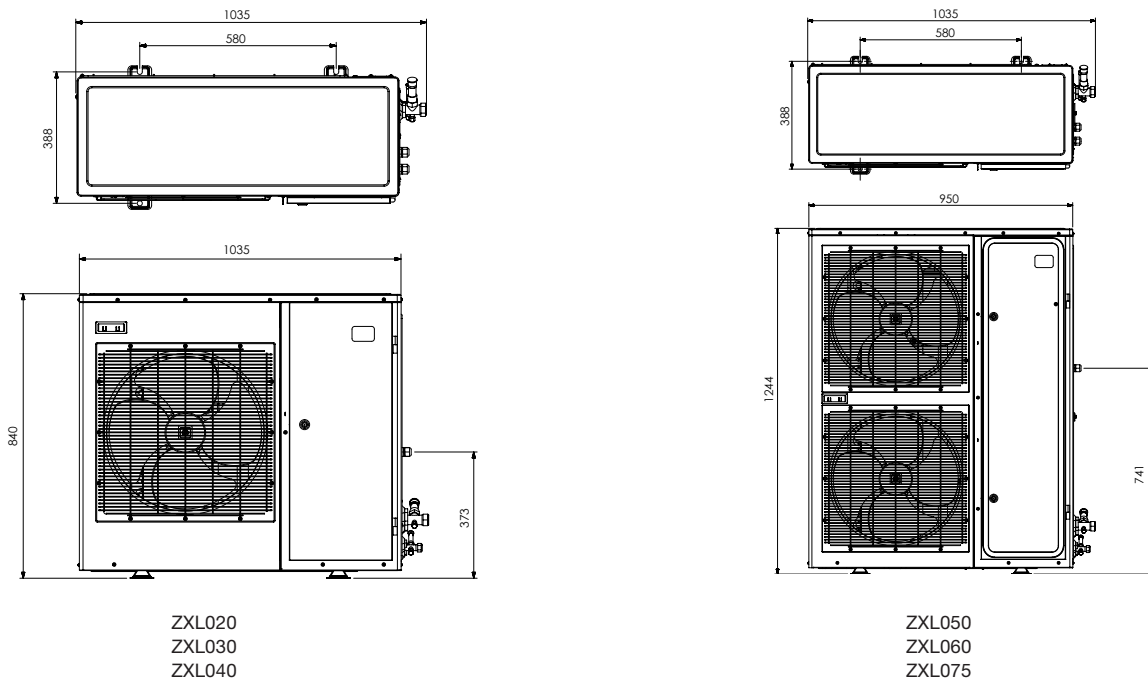
**COPELAND™**

**CAPACITY (Watts) @ 38°C Ambient**

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

ZXL SCROLL

## DIMENSIONS



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
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.

The company reserves the right to make specification changes without notice. AU 07/10/2021

# Copeland ZXLD Condensing Units



- Reliable and Efficient Copeland Digital Scroll Lead Compressor + Copeland Fixed Capacity Scroll 2nd Compressor.
- Features : Vapour Injection, Liquid Sub-Cooling, Accumulator, Oil Separator, Trax Oil on ZXLD120-200 models, 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.  
Liquid Line insulation req'd on all ZXLD installations.
- Supplied c/w : Fixed HP, Adjustable LP, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Sound Jacket, Circuit breaker, Suction/HP Transducers.

## ZXLD DIGITAL SCROLL 090 - 200



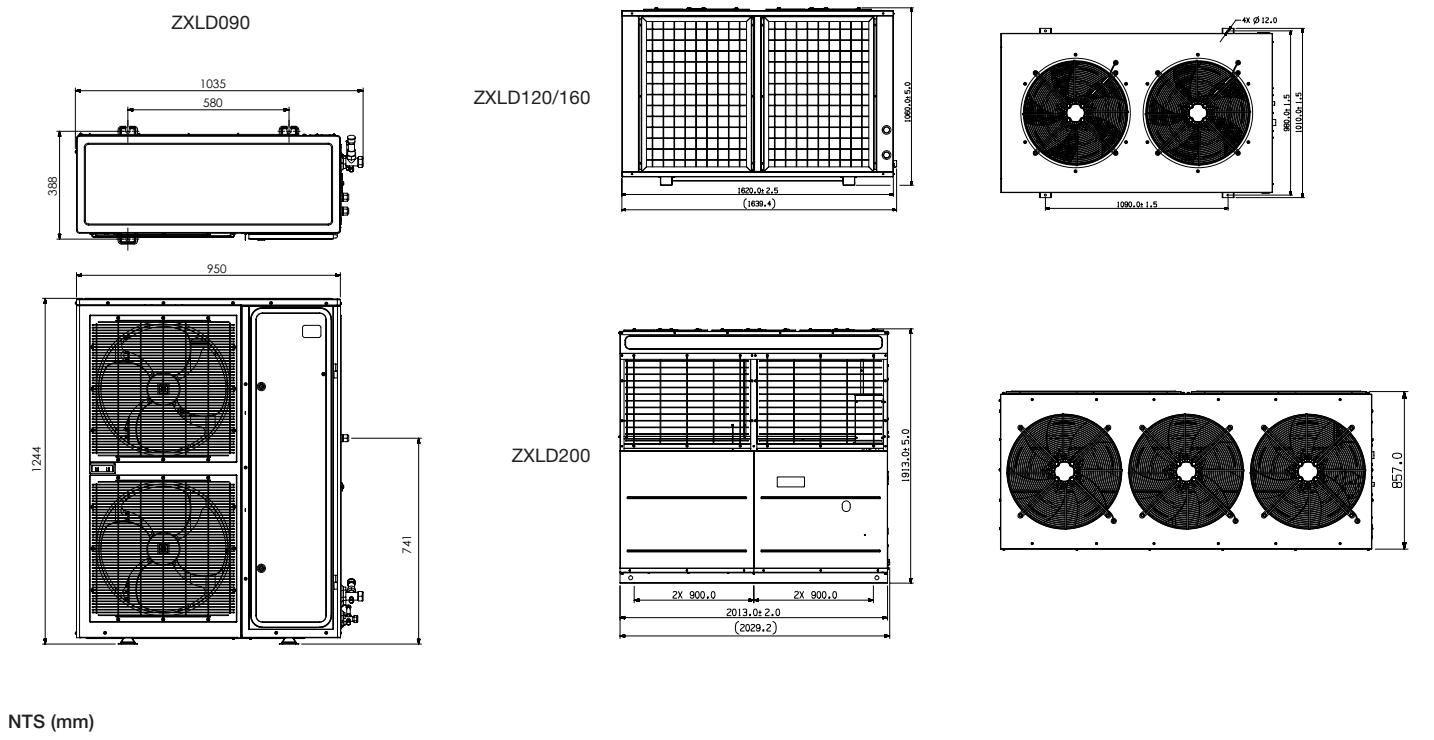
**COPELAND**<sup>TM</sup>

**CAPACITY (Watts) @ 38°C Ambient**

Model	Nom. hp	Refrigerant	Evaporating Temp °C							
			-40	-35	-30	-25	-20	-15	-10	-5
ZXLD090BE-TFD	9.0	R407F	-	-	-	-	-	-	-	-
		R448A	3910	5020	6320	7730	9270	10910	12570	-
		R404A	5000	6160	7500	8850	10480	11900	13580	15170
ZXLD120BE-TFD	12.0	R407F	7760	9790	11900	14250	17200	20900	25600	31500
		R448A	7330	9220	11350	13790	16570	19740	23260	27160
		R404A	7570	9500	11730	14340	17440	20940	24950	28180
ZXLD160BE-TFD	16.0	R407F	9230	12050	14800	17750	21200	25400	30600	37100
		R448A	9790	12410	15420	18770	22390	26200	30300	34230
		R404A	10370	12870	15720	19010	22880	27200	31610	35850
ZXLD200BE-TFD	20.0	R407F	10050	13100	16100	19300	23100	27700	33400	40400
		R448A	11450	14520	18080	21990	25160	29480	33980	38670
		R404A	11820	15500	18740	22140	25770	29730	34080	38950

ZXLD DIGITAL SCROLL

## DIMENSIONS



## 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					
ZXLD090BE	9.0	ZXJ25KCE-TFD	380-420/3/50	14.6	102	1642	2 X 450	246	1.2	6.3	7/8"	1/2"	62	138
ZXLD120BE	12.0	ZXJ18KCE-TFD ZXI18KCE-TFD	380-420/3/50	11.1 11.1	74 74	5356	2 X 590	950	3.9	17	1-3/8"	3/4"	69	362
ZXLD160BE	16.0	ZXJ25KCE-TFD ZXI25KCE-TFD	380-420/3/50	14.6 14.6	102 102	5356	2 x 590	950	3.9	17	1-3/8"	3/4"	69	362
ZXLD200BE	20.0	ZXJ25KCE-TFD ZXI28KVE-TFD	380-420/3/50	14.6 15.6	102 121	6500	3 X 600	1350	5.6	17.0	1-3/8"	3/4"	72	470

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

### NOTES:

- ZXD120 + ZXD160 590mm Cond Fans - 220-240/1/50
- ZXD200 600mm 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 ZXLD units have vapour injection/liquid sub-cooling via PHX in unit.
- Insulate liquid line on installation of unit due to sub-cooled liquid.