

# PattonPak Scroll Condensing Units



# Condensing Units



- Reliable and efficient Copeland Scroll Compressors
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PZBS SCROLL 200 - 550

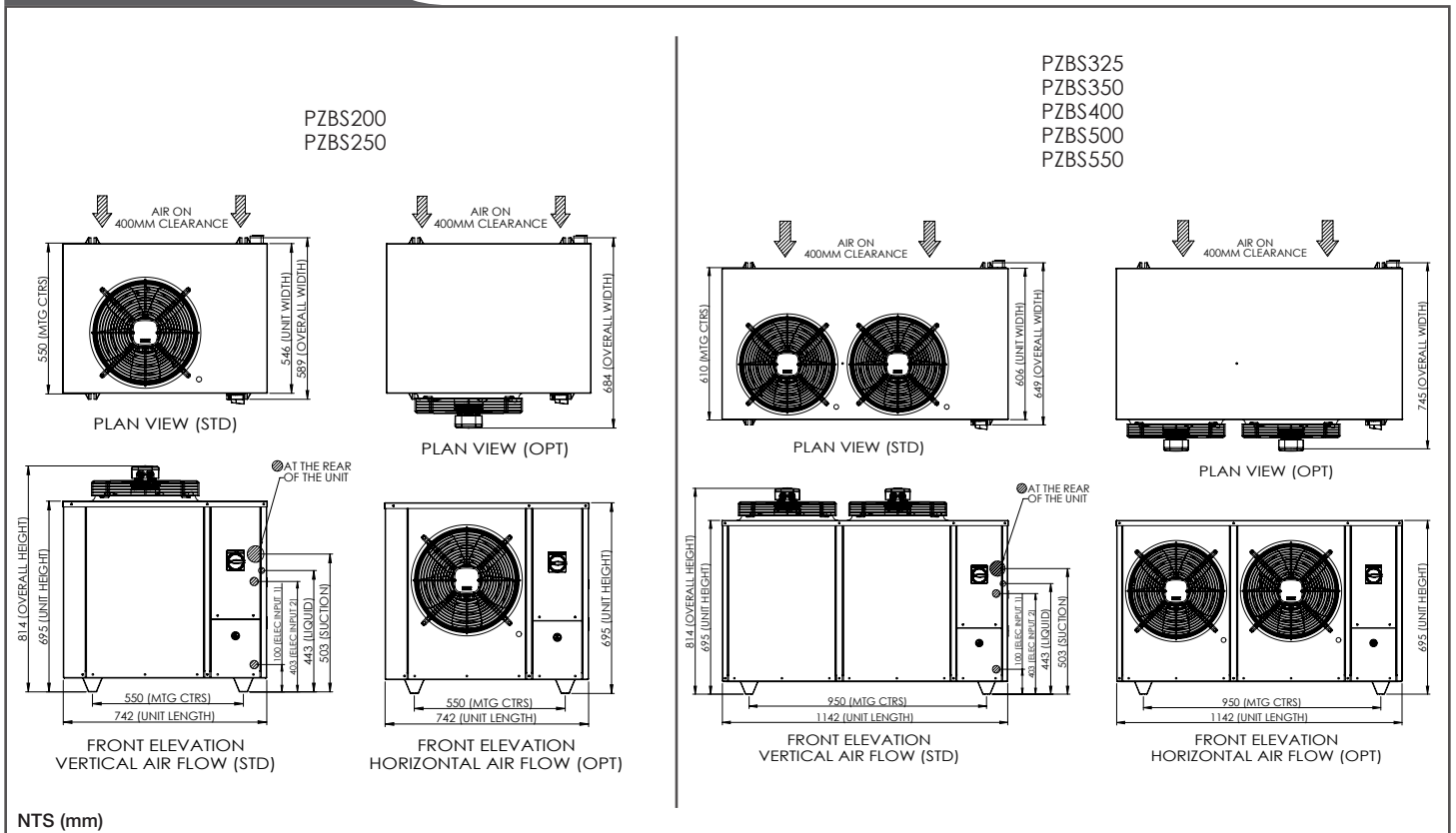
2.0 5.5 hp

### CAPACITY (Watts) @ 38°C Ambient

**COPELAND™**

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
PZBS200	2.0	R134a	-	-	-	1615	2165	2840	3805	4445	5360
		R404A	1725	2200	2655	3200	3835	4560	5375	-	-
PZBS250	2.5	R134a	-	-	-	2145	2705	3300	4030	4945	5865
		R404A	2100	2615	3205	3840	4655	5470	6560	-	-
PZBS325	3.3	R134a	-	-	-	3120	3850	4810	5725	6780	8065
		R404A	2485	3185	3895	4685	5640	6725	7945	-	-
PZBS350	3.5	R134a	-	-	-	3670	4585	5405	6595	7740	9160
		R404A	2710	3355	4215	4980	6115	7435	8945	-	-
PZBS400	4.0	R134a	-	-	-	4220	5410	6415	7605	9070	10080
		R404A	3535	4355	5265	6260	7530	8900	10475	-	-
PZBS500	5.0	R134a	-	-	-	4770	6100	7790	9255	11095	13145
		R404A	4405	5320	6550	7860	9495	11235	13300	-	-
PZBS550	5.5	R134a	-	-	-	5045	6420	8110	9605	11505	13745
		R404A	4730	5915	7100	8730	10455	12495	14675	-	-

## DIMENSIONS



## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PZBS200	2.0	ZB15KQE-PFJ	220-240/1/50	12.8	58.0	CPK230	969	1 x 350	145	0.7	3.7	3/4"	3/8"	56	85
PZBS250	2.5	ZB19KQE-PFJ	220-240/1/50	12.8	61.0	CPK250	931	1 x 350	145	0.7	3.7	3/4"	3/8"	56	85
PZBS325	3.3	ZB21KQE-PFJ	220-240/1/50	16.4	82.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	57	110
PZBS350	3.5	ZB26KQE-PFJ	220-240/1/50	18.0	97.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	57	112
PZBS400	4.0	ZB29KQE-PFJ	220-240/1/50	23.5	114.0	CPK450	1859	2 x 350	290	1.4	6.2	3/4"	1/2"	57	114
PZBS500	5.0	ZB38KQE-PFJ	220-240/1/50	32.3	142.0	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	58	122
PZBS550	5.5	ZB42KQE-PFJ	220-240/1/50	35.7	150.0	CPK600	1654	2 x 350	290	1.4	8.8	7/8"	1/2"	58	125

### NOTES:

- All fans 220-240/1/50
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

# Condensing Units



- Reliable and efficient Copeland Scroll Compressor
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PZB SCROLL 325 - 600

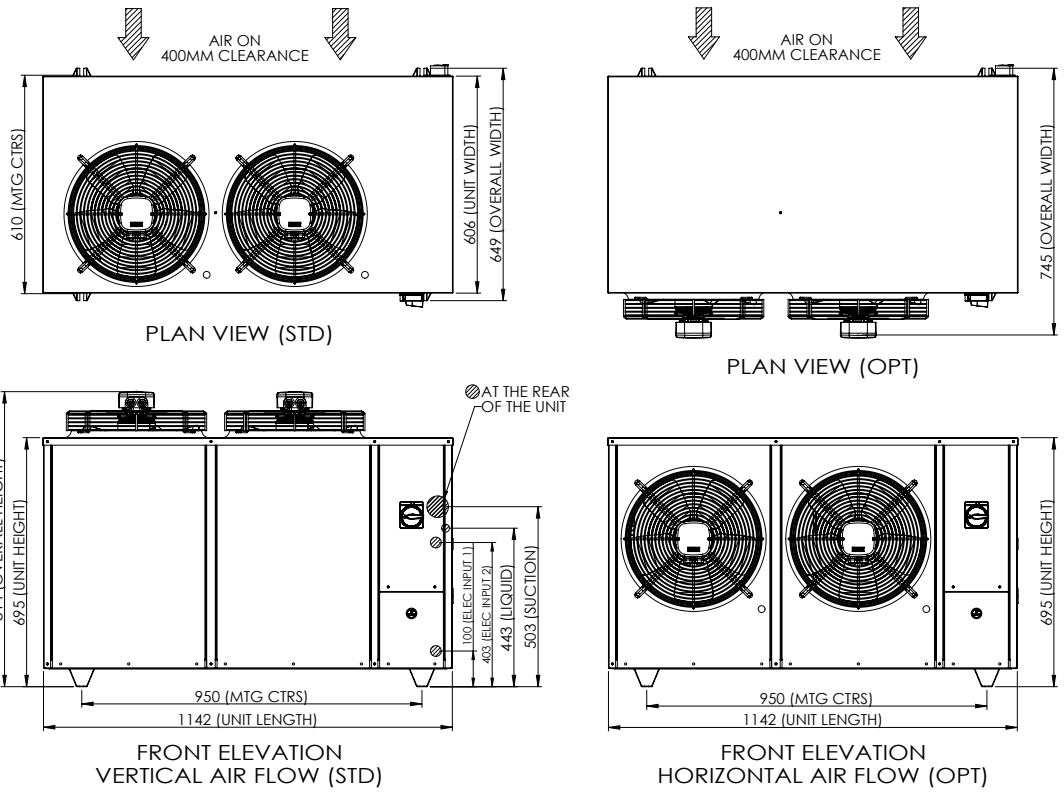
3.3 6 hp

### CAPACITY (Watts) @ 38°C Ambient

**COPELAND™**

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
PZB325	3.3	R134a	-	-	-	3120	3850	4810	5725	6780	8065
		R404A	2485	3185	3895	4685	5640	6725	7945	-	-
PZB350	3.5	R134a	-	-	-	3670	4585	5405	6595	7740	9160
		R404A	2710	3355	4215	4980	6115	7435	8945	-	-
PZB400	4.0	R134a	-	-	-	4220	5410	6415	7605	9070	10080
		R404A	3535	4355	5265	6260	7530	8900	10475	-	-
PZB500	5.0	R134a	-	-	-	4770	6100	7790	9255	11095	13145
		R404A	4405	5320	6550	7860	9495	11235	13300	-	-
PZB600	6.0	R134a	-	-	-	6050	7520	9255	11180	13375	15575
		R404A	5510	6600	7950	9370	11275	12995	14850	-	-

## DIMENSIONS



PZB325  
 PZB350  
 PZB400  
 PZB500  
 PZB600

NTS (mm)

## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PZB325	3.3	ZB21KQE-TFD	380-420/3/50	7.4	40.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	57	110
PZB350	3.5	ZB26KQE-TFD	380-420/3/50	6.4	46.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	57	112
PZB400	4.0	ZB29KQE-TFD	380-420/3/50	10.0	50.0	CPK450	1859	2 x 350	290	1.4	6.2	3/4"	1/2"	58	114
PZB500	5.0	ZB38KQE-TFD	380-420/3/50	12.8	65.5	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	58	122
PZB600	6.0	ZB45KQE-TFD	380-420/3/50	13.1	74.0	CPK600	1654	2 x 350	290	1.4	8.8	7/8"	1/2"	58	125

### NOTES:

- 500mm Fans - 220-240/1/50 630mm  
Fans - 380-420/3/50
- R404A pump down capacity shown @ 80% full for 32°C liquid temperature
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)



# Condensing Units



- Reliable and efficient Copeland Hermetic Compressors
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PZB SCROLL 650 - 1500

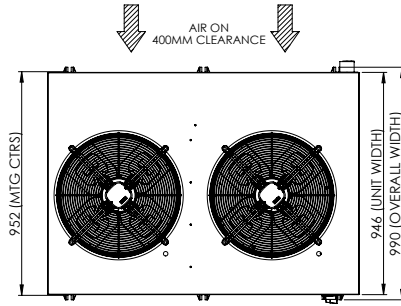
6.5 15 hp

**COPELAND™**

### CAPACITY (Watts) @ 38°C Ambient

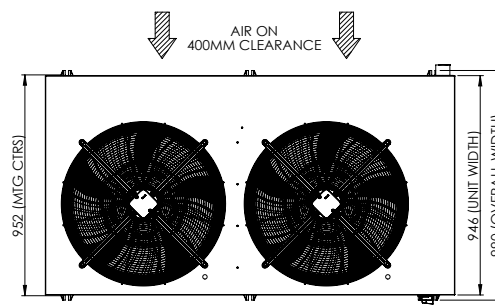
Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
PZB650	6.5	R134a	-	-	-	6730	8310	10010	12090	14310	16685
		R404A	5965	7060	8700	10735	13080	15210	17630	-	-
PZB800	8.0	R134a	-	-	-	7410	9105	11005	13275	15935	19435
		R404A	7300	8710	10650	12520	15180	17650	20775	-	-
PZB900	9.0	R134a	-	-	-	8875	10985	13530	16370	19490	22000
		R404A	8815	10315	12280	14465	17335	20340	23215	-	-
PZB1000	10.0	R134a	-	-	-	10300	12735	15625	18760	22550	25725
		R404A	10375	12150	14315	16910	20125	23435	27115	-	-
PZB1200	12.0	R134a	-	-	-	11115	13545	17525	20860	24930	29330
		R404A	12025	13800	16215	19265	22780	26955	31135	-	-
PZB1300	13.0	R134a	-	-	-	12625	15655	19210	23040	27385	32060
		R404A	13860	15865	18310	21015	24280	28315	32855	-	-
PZB1500	15.0	R134a	-	-	-	14745	18385	22370	26890	32260	38030
		R404A	15595	17425	20780	24355	29185	34205	39695	-	-

## DIMENSIONS



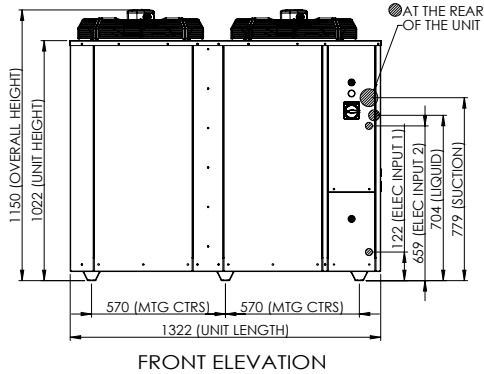
PZB650  
PZB800  
PZB900  
PZB1000

PLAN VIEW  
VERTICAL AIR FLOW

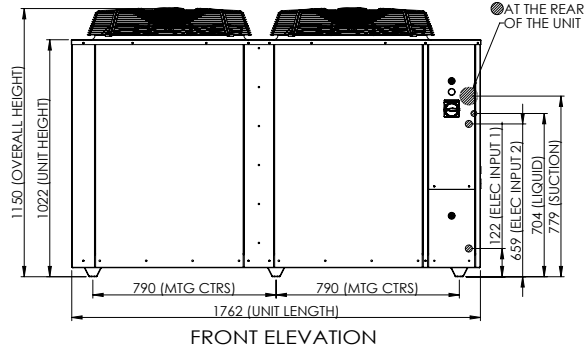


PZB1200  
PZB1300  
PZB1500

PLAN VIEW



FRONT ELEVATION



FRONT ELEVATION

NTS (mm)

## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PZB650	6.5	ZB48KQE-TFD	380-420/3/50	13.6	101.0	CPK650	4320	2 x 500	1090	4.8	8.8	1-1/8"	5/8"	60	135
PZB800	8.0	ZB58KQE-TFD	380-420/3/50	16.4	95.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	60	182
PZB900	9.0	ZB66KQE-TFD	380-420/3/50	17.5	111.0	CPK900	3750	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	61	208
PZB1000	10.0	ZB76KQE-TFD	380-420/3/50	20.0	118.0	CPK1000	3582	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	62	212
PZB1200	12.0	ZB88KQE-TFD	380-420/3/50	22.3	118.0	CPK1200	7380	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	63	220
PZB1300	13.0	ZB95KQE-TFD	380-420/3/50	26.4	140.0	CPK1300	7050	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	65	225
PZB1500	15.0	ZB114KQE-TFD	380-420/3/50	28.6	174.0	CPK1500	6730	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	65	235

### NOTES

- 500mm Fans - 220-240/1/50 630mm Fans - 380-420/3/50
- R404A pump down capacity shown @ 80% full for 32°C liquid temperature
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

# Condensing Units



- Reliable and efficient Copeland Scroll Compressors
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PZBA (R134a) SCROLL 200 - 550

6 15 hp

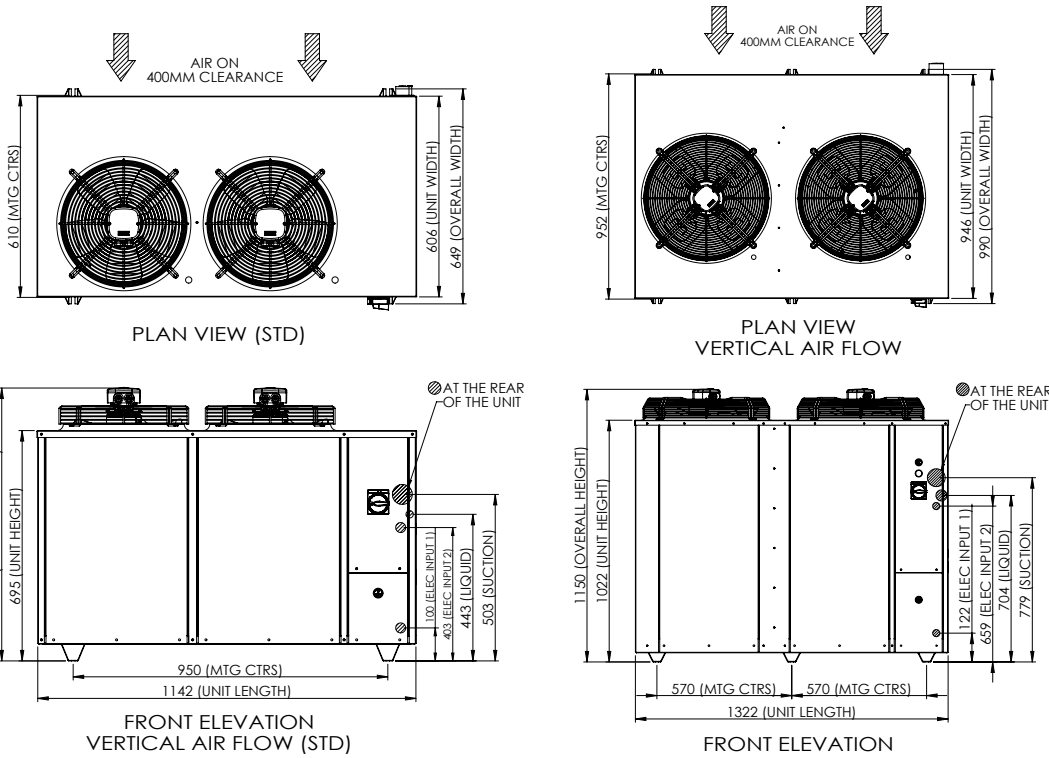
**COPELAND™**

### CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C					
			-10	-5	0	5	10	15
PZBA600	6.0	R134a	6050	7520	9255	11180	13375	15575
PZBA650	6.5	R134a	6730	8310	10010	12090	14310	16685
PZBA800	8.0	R134a	7410	9105	11005	13275	15935	19435
PZBA900	9.0	R134a	8875	10985	13530	16370	19490	22000
PZBA1000	10.0	R134a	10300	12735	15625	18760	22550	25725
PZBA1200	12.0	R134a	11115	13545	17525	20860	24930	29330
PZBA1300	13.0	R134a	12625	15655	19210	23040	27385	32060
PZBA1500	15.0	R134a	14745	18385	22370	26890	32260	38030



**DIMENSIONS**



PZBA600  
PZBA650

PZBA800  
PZBA900  
PZBA1000  
PZBA1200  
PZBA1300  
PZBA1500

NTS (mm)

**TECHNICAL DATA**

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PZBA600	6.0	ZB45KQE-TFD	380-420/3/50	9.1	74	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	58	122
PZBA650	6.5	ZB48KQE-TFD	380-420/3/50	13.6	101	CPK600	1654	2 x 350	290	1.4	8.8	1-1/8"	5/8"	58	126
PZBA800	8.0	ZB58KQE-TFD	380-420/3/50	16.4	95	CPK650	4320	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	60	135
PZBA900	9.0	ZB66KQE-TFD	380-420/3/50	17.5	111	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	60	208
PZBA1000	10.0	ZB76KQE-TFD	380-420/3/50	20.0	118	CPK800	3927	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	60	208
PZBA1200	12.0	ZB88KQE-TFD	380-420/3/50	22.3	118	CPK900	3750	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	61	210
PZBA1300	13.0	ZB95KQE-TFD	380-420/3/50	26.4	140	CPK900	3750	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	61	210
PZBA1500	15.0	ZB114KQE-TFD	380-420/3/50	28.6	174	CPK1000	3582	2 x 500	1090	4.8	10.4	1-5/8"	5/8"	62	215

**NOTES:**

- All fans 220-240/1/50
- R134a pump down capacity shown @ 80% full for 32°C liquid temperature.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Nominal air cooled condenser design based on 9KTD from ambient
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

The company reserves the right to make specification changes without notice. AU 05/03/2018

# Condensing Units



- Reliable and efficient Copeland Scroll Compressor
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PZF SCROLL 300 - 1500

3 15 hp

**COPELAND™**

### CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
PZF300	3.0	R404A	1440	1845	2295	2760	3450	4050	4900	5750	6850	7950
PZF350	3.5	R404A	1850	2250	2820	3480	4225	5000	5910	7005	8140	9160
PZF400	4.0	R404A	2240	2780	3410	4160	5020	6030	7150	8300	9780	11200
PZF500	5.0	R404A	2685	3445	4220	5190	6290	7490	8900	10300	11880	13820
PZF600	6.0	R404A	3190	4120	5090	6150	7460	8940	10450	12400	14350	16310
PZF750	7.5	R404A	4245	5365	6615	8015	9605	11385	13205	15445	17650	20060
PZF1000	10.0	R404A	5455	7375	9205	11205	13385	15555	18265	21015	24050	27480
PZF1300	13.0	R404A	7035	9045	11375	13615	16265	19245	22250	25965	29600	33610
PZF1500	15.0	R404A	8225	10225	12585	15325	18445	21655	25585	29470	33645	37340

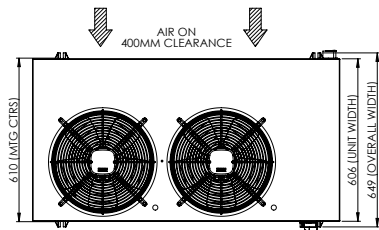
Shaded Zone - "Liquid injection" required.

**DIMENSIONS**

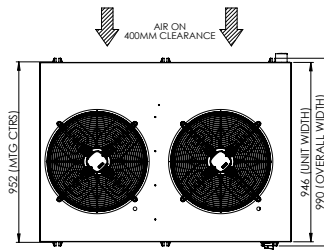
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PZF500  
PZF600

PZF750  
PZF1000

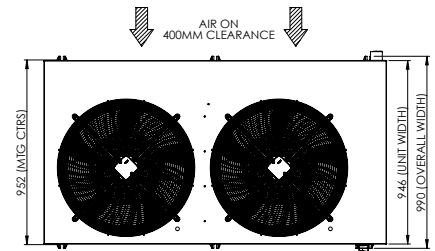
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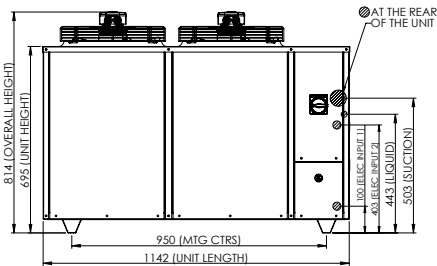
PLAN VIEW (STD)



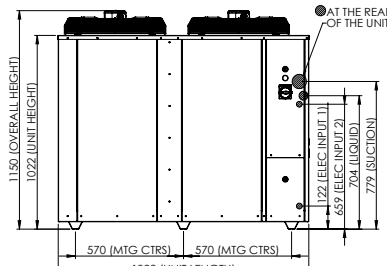
PLAN VIEW  
VERTICAL AIR FLOW



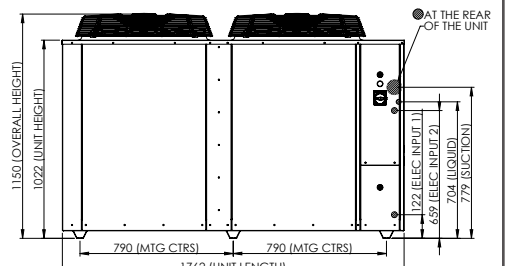
PLAN VIEW



FRONT ELEVATION  
VERTICAL AIR FLOW (STD)



FRONT ELEVATION



FRONT ELEVATION

NTS (mm)

**TECHNICAL DATA**

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (4)	Wgt (kg)
	Nom. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor(s)			Capacity (kg) (3)	Suction	Liquid		
								No. (2)	Watts	Amps					
PZF300	3.0	ZF09K4E-TFD	380-420/3/50	5.4	40.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	60	117
PZF350	3.5	ZF11K4E-TFD	380-420/3/50	6.4	46.0	CPK350	1933	2 x 350	290	1.4	6.2	7/8"	1/2"	60	119
PZF400	4.0	ZF13K4E-TFD	380-420/3/50	7.9	51.5	CPK450	1859	2 x 350	290	1.4	6.2	7/8"	1/2"	60	128
PZF500	5.0	ZF15K4E-TFD	380-420/3/50	8.1	64.0	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	61	130
PZF600	6.0	ZF18K4E-TFD	380-420/3/50	10.0	74.0	CPK600	1719	2 x 350	290	1.4	8.8	7/8"	1/2"	61	134
PZF750	7.5	ZF24K4E-TWD	380-420/3/50	16.1	99.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	62	182
PZF1000	10.0	ZF33K4E-TWD	380-420/3/50	22.3	134.0	CPK1000	3582	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	62	208
PZF1300	13.0	ZF40K4E-TWD	380-420/3/50	25.8	167.0	CPK1300	7050	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	65	225
PZF1500	15.0	ZF48K4E-TWD	380-420/3/50	30.6	187.0	CPK1500	6730	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	65	235

**NOTES:**

- All fans 220-240/1/50
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

The company reserves the right to make specification changes without notice. AU 05/03/2018

# PATTON



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