

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, 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

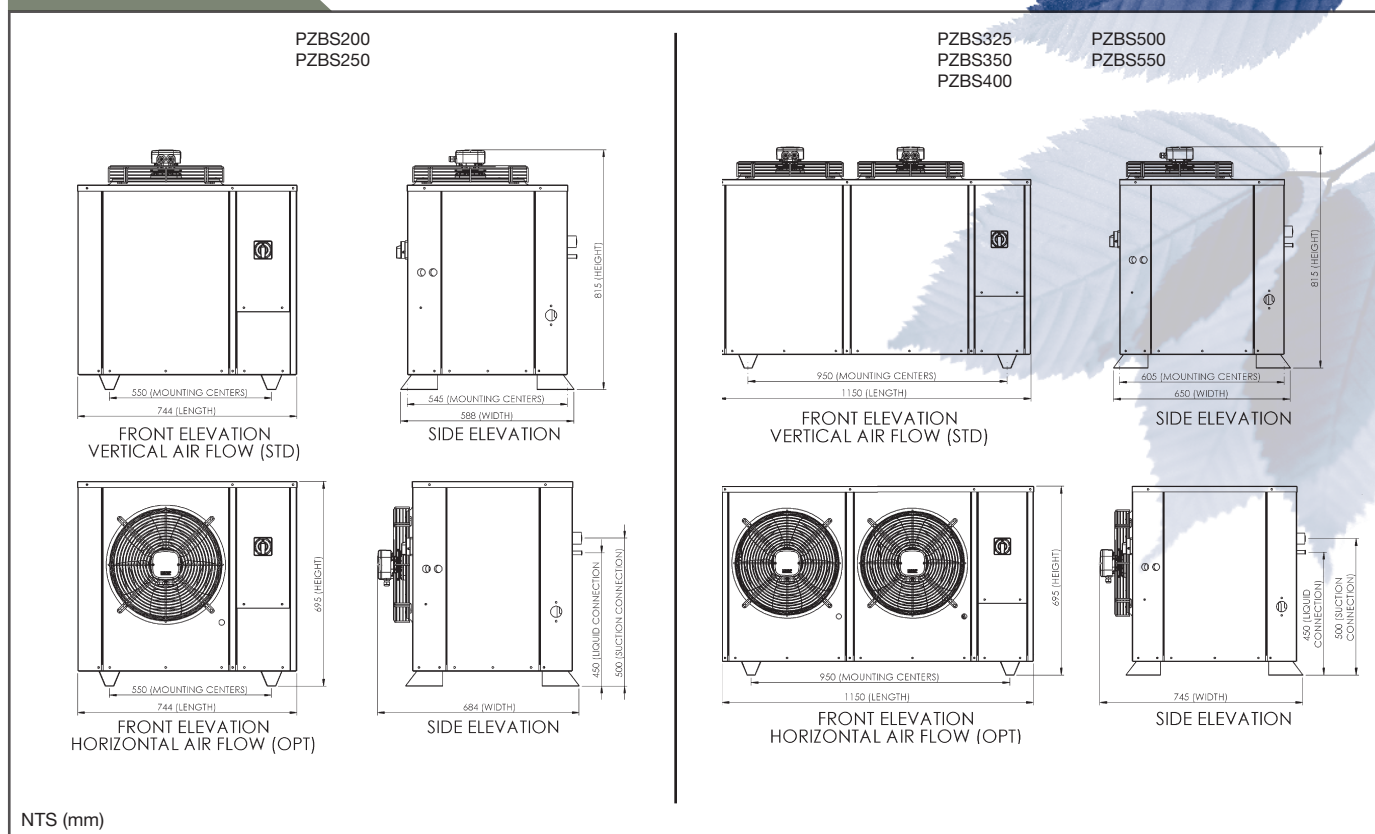
2.0 5.5 hp

Copeland®

CAPACITY (Watts) @ 38°C Ambient

MODEL	Nom. hp	Refrig.	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	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot 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	13.8	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	20.0	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	ZB38KCE-PFJ	220-240/1/50	23.3	142.0	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	58	122
PZBS550	5.5	ZB42KCE-PFJ	220-240/1/50	29.8	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 Compressors
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, 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 6.0 hp

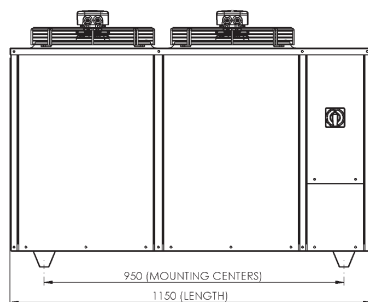
Copeland®

CAPACITY (Watts) @ 38°C Ambient

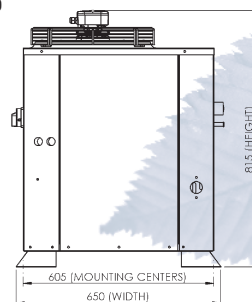
MODEL	Nom. hp	Refrig.	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
PZB325	3.3	R134a	-	-	-	3120	3850	4810	5725	6780	8065
		R404A	2485	3185	3895	4685	5640	6725	7945	-	-
PZB350	3.5	R134a	-	-	-	3670	4585	5405	6595	7740	9160
		R404A	2710	3355	4215	4980	6115	7435	8945	-	-
PZB400	4.0	R134a	-	-	-	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:

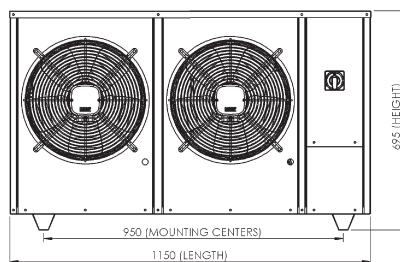
PZB325
PZB350
PZB400
PZB500
PZB600



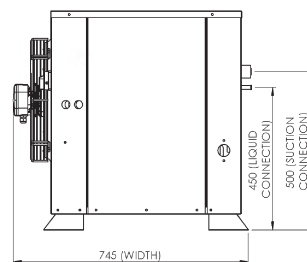
FRONT ELEVATION
VERTICAL AIR FLOW (STD)



SIDE ELEVATION



FRONT ELEVATION
HORIZONTAL AIR FLOW (OPT)



SIDE ELEVATION

NTS (mm)

TECHNICAL DATA:

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot 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:

1. All fans 220-240/1/50
2. R404A pump down capacity @ 80% full for 32°C liquid temp.
3. All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
4. 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, 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

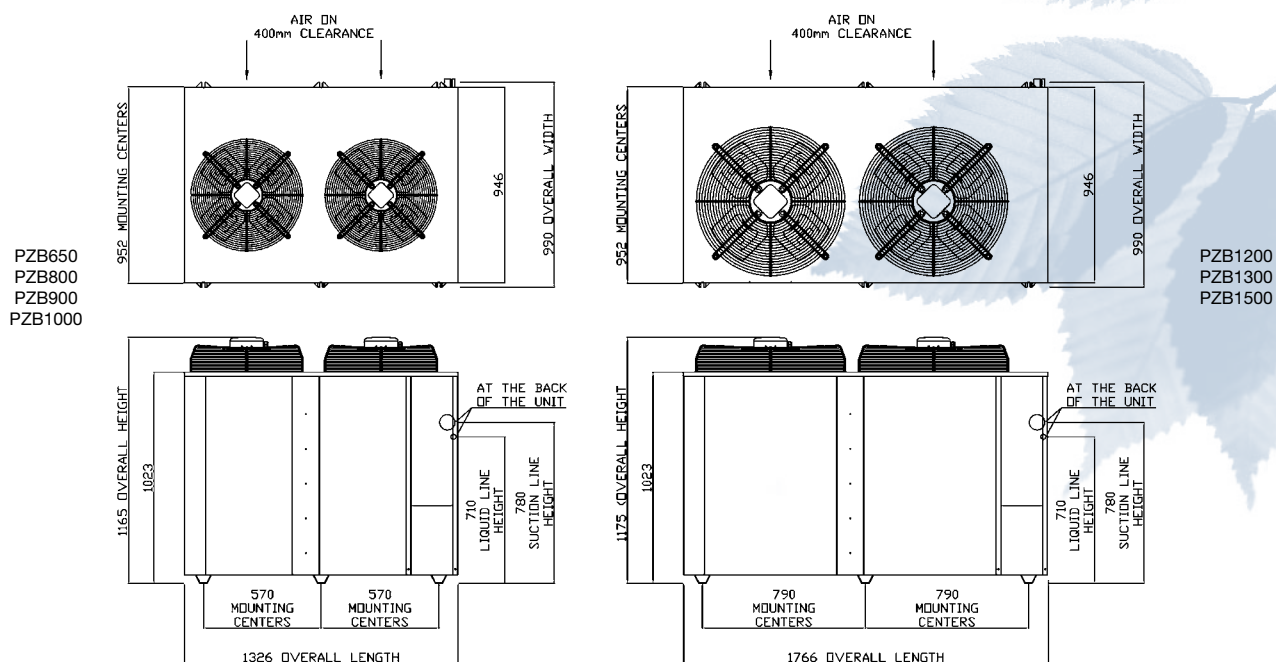
6.5 15 hp



CAPACITY (Watts) @ 38°C Ambient

MODEL	Nom. hp	Refrig.	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:



NTS (mm)

TECHNICAL DATA:

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot 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	4830	2 x 630	1680	2.9	10.4	1-3/8"	5/8"	63	220
PZB1300	13.0	ZB95KQE-TFD	380-420/3/50	26.4	140.0	CPK1300	4770	2 x 630	1680	2.9	10.4	1-3/8"	5/8"	65	225
PZB1500	15.0	ZB114KQE-TFD	380-420/3/50	28.6	174.0	CPK1500	5393	2 x 630	1680	2.9	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, 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 600 - 1500

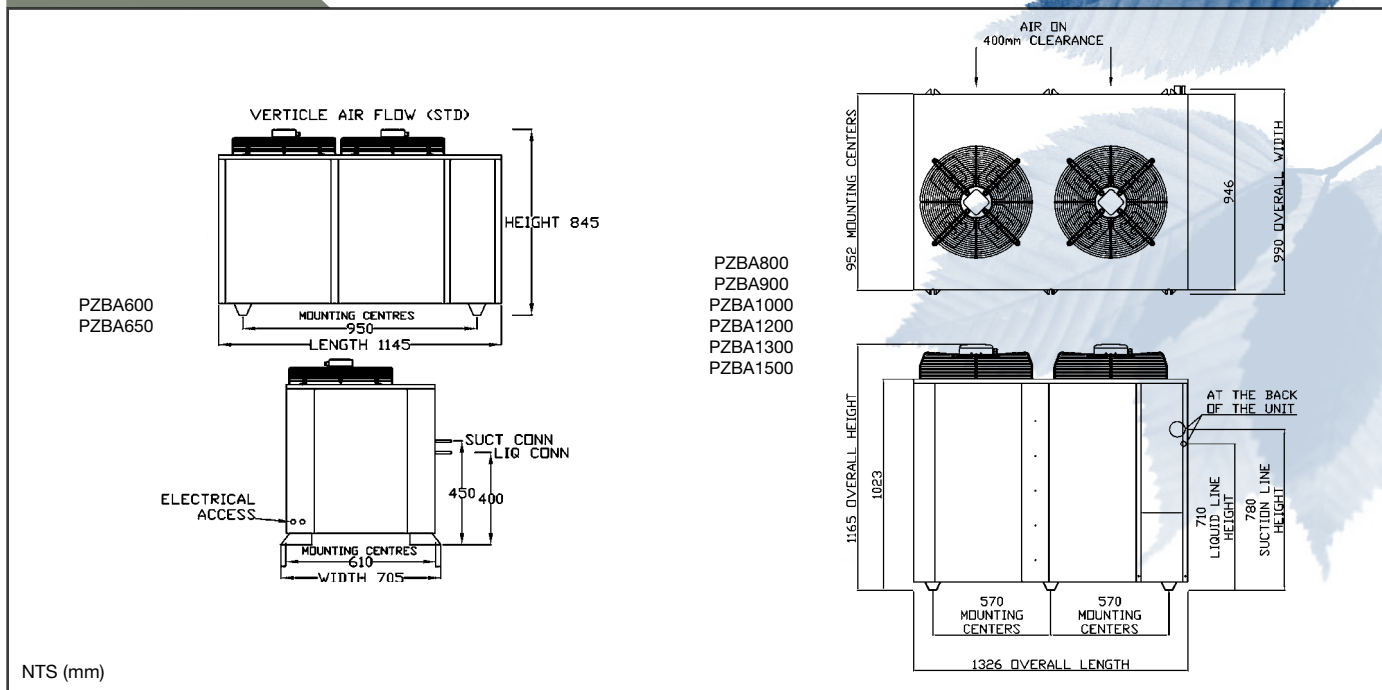
6 15 hp

Copeland®

CAPACITY (Watts) @ 38°C Ambient

MODEL	Nom. hp	Refrig.	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:



TECHNICAL DATA:

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot 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:

1. All fans 220-240/1/50
2. R134a pump down capacity shown @ 80% full for 32°C liquid temperature.
3. All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
4. Nominal air cooled condenser design based on 9KTD from ambient
5. 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

PZF

 SCROLL 300 - 1500

3 15 hp

CAPACITY (Watts) @ 38°C Ambient

Copeland®

MODEL	Nom. hp	Refrig.	Evaporating Temp °C									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
PZF300	3.0	R404A	1325	1695	2110	2535	3165	3710	4480	5250	6245	7240
PZF350	3.5	R404A	1700	2070	2590	3195	3875	4580	5400	6395	7425	8345
PZF400	4.0	R404A	2060	2560	3135	3820	4605	5525	6535	7580	8920	10250
PZF500	5.0	R404A	2470	3170	3880	4765	5770	6860	8135	9405	10835	12590
PZF600	6.0	R404A	2935	3790	4680	5645	6840	8190	9550	11320	13085	14860
PZF750	7.5	R404A	3905	4935	6080	7360	8810	10430	12070	14100	16095	18275
PZF1000	10.0	R404A	5020	6785	8460	10285	12275	14250	16695	19185	21935	25035
PZF1300	13.0	R404A	6470	8320	10455	12500	14915	17630	20335	23705	26995	30620
PZF1500	15.0	R404A	7565	9405	11565	14070	16915	19835	23385	26905	30685	34015

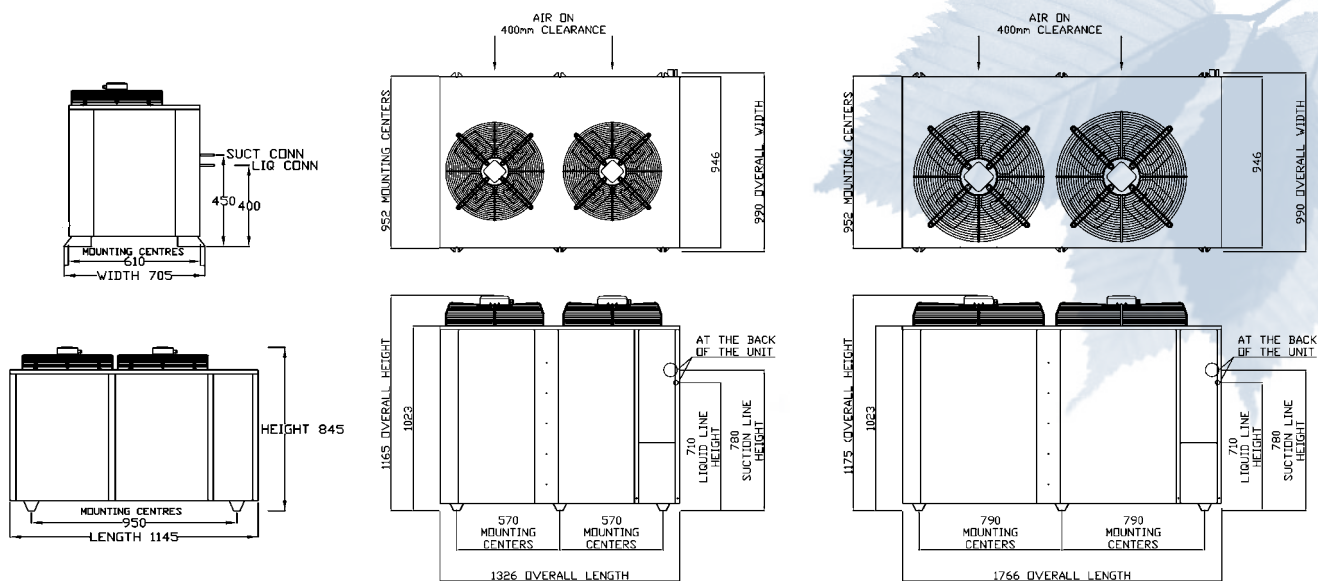
Shaded Zone - "Liquid Injection" required.

DIMENSIONS:

PZF300
PZF350
PZF400
PZF500
PZF600

PZF750
PZF1000

PZF1300
PZF1500



NTS (mm)

TECHNICAL DATA:

MODEL	COMPRESSOR (1)					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (4)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (3)	Suction	Liquid		
								No. (2)	Tot Watts	Tot 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	4830	2 x 630	1680	2.9	10.4	1-3/8"	5/8"	65	225
PZF1500	15.0	ZF48K4E-TWD	380-420/3/50	30.6	187.0	CPK1500	5393	2 x 630	1680	2.9	20.0	1-5/8"	7/8"	65	235

NOTES:

- ZF compressors must be used with liquid injection kit (-Q accessory) for all applications within shaded zones (refer to ratings)
- 350mm & 500mm Fans - 220-240/1/50
630mm Fans - 380-420/3/50
- 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)