

Condensing Units



- Reliable and efficient Copeland Scroll Compressors.
- EC fans for additional energy savings and stable condensing.
- Supplied c/w compact HP safety & adjustable LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sight glass, Suction Filter & Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing.
- DTC valves standard fitment.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PZF SCROLL 300 - 1500



COPELAND

CAPACITY (kW) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-40	-35	-30	-25	-20	-15	-10	-5	0
PZF300	3.0	R404A	1.44	1.85	2.30	2.76	3.45	4.05	4.90	5.75	6.85
		R449A	1.45	1.86	2.36	2.93	3.61	4.38	5.25	6.16	-
PZF350	3.5	R404A	1.85	2.25	2.82	3.48	4.23	5.00	5.91	7.01	8.14
		R449A	1.81	2.33	2.94	3.62	4.41	5.32	6.29	7.48	-
PZF400	4.0	R404A	2.24	2.78	3.41	4.16	5.02	6.03	7.15	8.30	9.78
		R449A	2.04	2.64	3.34	4.21	5.16	6.17	7.39	8.66	-
PZF500	5.0	R404A	2.69	3.45	4.22	5.19	6.29	7.49	8.90	10.30	11.88
		R449A	2.51	3.22	4.10	5.09	6.22	7.44	8.91	10.46	-
PZF600	6.0	R404A	3.19	4.12	5.09	6.15	7.46	8.94	10.45	12.40	14.35
		R449A	2.94	3.82	4.88	6.04	7.36	8.79	10.52	12.34	-
PZF750	7.5	R404A	4.25	5.37	6.62	8.02	9.61	11.39	13.21	15.45	17.65
		R449A	3.92	5.00	6.33	7.84	9.61	11.67	14.04	16.59	-
PZF1000	10.0	R404A	5.46	7.38	9.21	11.21	13.39	15.56	18.27	21.02	24.05
		R449A	5.03	6.50	8.29	10.32	12.63	15.32	18.20	21.64	-
PZF1300	13.0	R404A	7.04	9.05	11.38	13.62	16.27	19.25	22.25	25.97	29.60
		R449A	6.22	7.95	10.09	12.52	15.33	18.54	21.93	26.03	-
PZF1500	15.0	R404A	8.23	10.23	12.59	15.33	18.45	21.66	25.59	29.47	33.65
		R449A	7.62	9.84	12.36	15.36	18.87	22.89	27.54	32.42	-

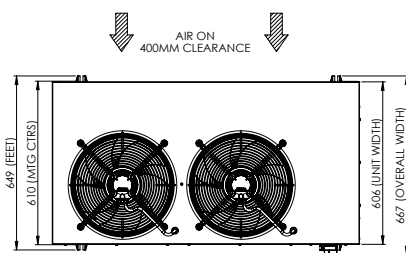
Liquid Injection Required.

DIMENSIONS

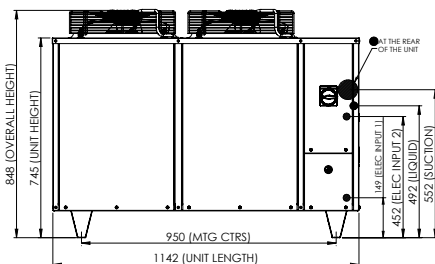
PZF300
PZF350
PZF400
PZF500
PZF600

PZF750
PZF1000

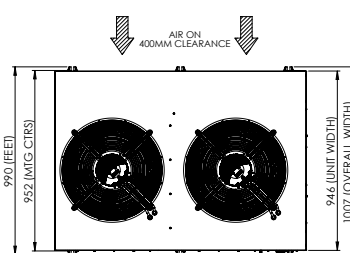
PZF1300
PZF1500



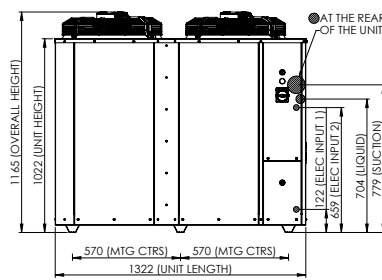
PLAN VIEW (STD)



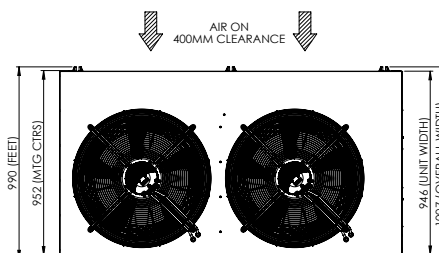
FRONT ELEVATION
VERTICAL AIR FLOW (STD)



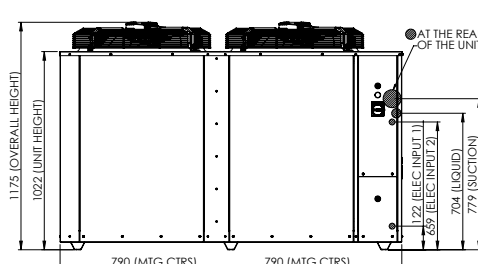
PLAN VIEW



FRONT ELEVATION



PLAN VIEW



FRONT ELEVATION

NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR (1)					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dBA) (4)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Models	Airflow (l/sec)	Fan Motors			Capacity (kg) (3)	Suction	Liquid		
								No. (2)	Tot. Watts	Tot. Amps					
PZF300	3.0	ZF09KQE-TFD	380-420/3/50	6.0	40.0	CPK350	1933	2 x 350	300	1.9	6.2	3/4"	1/2"	60	117
PZF350	3.5	ZF11KQE-TFD	380-420/3/50	7.1	46.0	CPK350	1933	2 x 350	300	1.9	6.2	7/8"	1/2"	60	119
PZF400	4.0	ZF13KQE-TFD	380-420/3/50	8.0	51.5	CPK450	1859	2 x 350	300	1.9	6.2	7/8"	1/2"	60	128
PZF500	5.0	ZF15KQE-TFD	380-420/3/50	10.0	64.0	CPK500	1787	2 x 350	300	1.9	8.8	7/8"	1/2"	61	130
PZF600	6.0	ZF18KQE-TFD	380-420/3/50	12.5	74.0	CPK600	1719	2 x 350	300	1.9	8.8	7/8"	1/2"	61	134
PZF750	7.5	ZF25KQE-TFD	380-420/3/50	13.7	102.0	CPK800	3927	2 x 500	1300	5.8	10.4	1-1/8"	5/8"	62	182
PZF1000	10.0	ZF34KQE-TFD	380-420/3/50	25.0	100.0	CPK1000	3582	2 x 500	1300	5.8	10.4	1-3/8"	5/8"	62	208
PZF1300	13.0	ZF41KQE-TFD	380-420/3/50	29.0	118.0	CPK1300	7050	2 x 630	1240	5.4	10.4	1-3/8"	5/8"	65	225
PZF1500	15.0	ZF49KQE-TFD	380-420/3/50	30.0	139.0	CPK1500	6730	2 x 630	1240	5.4	20.0	1-5/8"	7/8"	65	235

NOTES:

- All fans are EC 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).