

PattonPak Digital Scroll Condensing Units



Digital Scroll Condensing Units



- n Digital Scroll technology for capacity modulation and best system efficiency
- n Supplied c/w : HP/LP, Crankcase Heater(s), Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Fully wired c/w main isolator and Dixell Digital Scroll controller.
- n Twin fan models inclusive of fan speed control module
- n All condenser coils supplied with "Super Coat" fin and coil protective coating

PZBD DIGITAL SCROLL 400 - 2000

4 20 hp

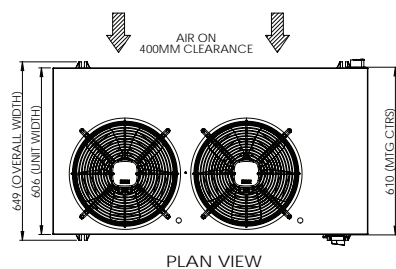
CAPACITY (Watts) @ 32°C Ambient

COPELAND™

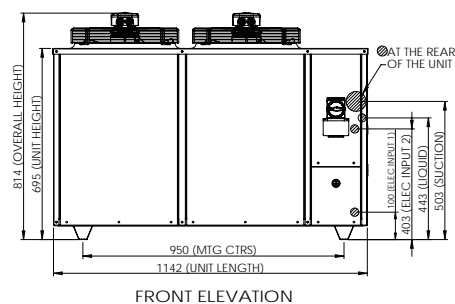
Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
PZBD400	4.0	R134a	-	-	-	4600	5900	7000	8300	9900	11000
		R449A	3770	4770	5620	6740	8100	9550	11140	-	-
		R404A	4210	5060	6170	7280	8630	9950	11340	-	-
PZBD500	5.0	R134a	-	-	-	5200	6650	8500	10100	12110	14350
		R449A	4720	6000	7150	8750	10400	12420	14370	-	-
		R404A	5100	6120	7490	9030	10560	12150	13870	-	-
PZBD600	6.0	R134a	-	-	-	6600	8200	10100	12200	14600	17000
		R449A	5920	7190	8370	10260	12190	14350	16850	-	-
		R404A	6300	7410	8920	10620	12340	14160	16490	-	-
PZBD800	8.0	R134a	-	-	-	8080	9930	12010	14485	17390	21210
		R449A	7870	9630	11520	14030	16640	19780	23130	-	-
		R404A	8670	10220	12430	14590	17180	20070	22930	-	-
PZBD1000	4.0	R134a	-	-	-	11230	13890	17050	20475	24610	28080
		R449A	11210	12840	15660	18310	21890	26210	30620	-	-
		R404A	11210	13580	16470	19410	22970	26870	30660	-	-
PZBDT800	8.0	R134a	-	-	-	9200	11800	14000	16600	19800	22000
		R449A	7540	9540	11240	13480	16200	19100	22280	-	-
		R404A	8420	10120	12340	14560	17260	19900	22680	-	-
PZBDT1000	10.0	R134a	-	-	-	10400	13300	17000	20200	24200	28700
		R449A	9440	12000	14300	17500	20800	24840	28740	-	-
		R404A	10200	12240	14980	18060	21120	24300	27740	-	-
PZBDT1200	12.0	R134a	-	-	-	13200	16400	20200	24400	29200	34000
		R449A	11840	14380	16740	20520	24380	28700	33700	-	-
		R404A	12600	14820	17840	21240	24680	28320	32980	-	-
PZBDT1600	16.0	R134a	-	-	-	16160	19860	24020	28970	34780	42420
		R449A	15740	19260	23040	28060	33280	39560	46260	-	-
		R404A	17340	20440	24860	29180	34360	40140	45860	-	-
PZBDT2000	20.0	R134a	-	-	-	22460	27780	34100	40950	49220	56160
		R449A	22420	25680	31320	36620	43780	52420	61240	-	-
		R404A	22420	27160	32940	38820	45940	53740	61320	-	-

DIMENSIONS

PZBD400
PZBD500
PZBD600

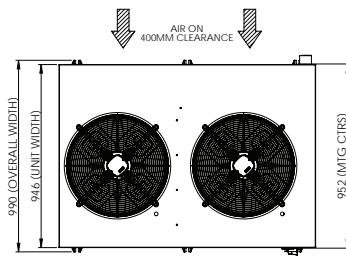


PLAN VIEW

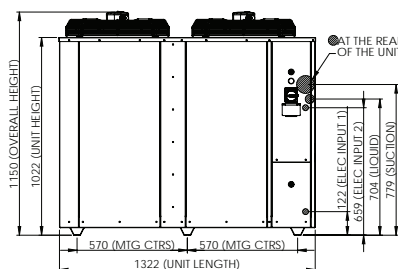


FRONT ELEVATION

PZBD800
PZBD1000
PZBDT800
PZBDT1000

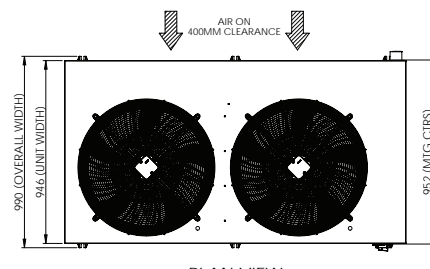


PLAN VIEW

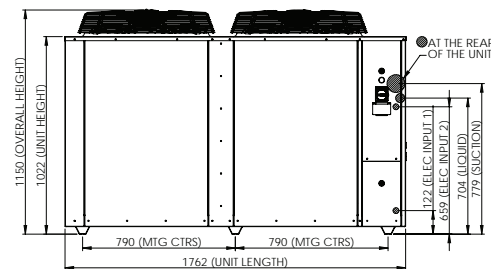


FRONT ELEVATION

PZBDT1200
PZBDT1600
PZBDT2000



PLAN VIEW



FRONT ELEVATION

NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motors			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot. Watts	Tot. Amps					
PZBD400	4.0	ZBD30KCE-TFD	380-420/3/50	7.9	51.5	CPK450	1895	2 x 350	290	1.4	6.2	3/4"	1/2"	58	123
PZBD500	5.0	ZBD38KCE-TFD	380-420/3/50	11.3	64.0	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	58	124
PZBD600	6.0	ZBD45KCE-TFD	380-420/3/50	11.4	74.0	CPK600	1654	2 x 350	290	1.4	8.8	7/8"	1/2"	58	127
PZBD800	8.0	ZBD58KCE-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	183
PZBD1000	10.0	ZBD76KCE-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	213
PZBDT800	8.0	1x ZBD30KCE-TFD & 1x ZB29KQE-TFD	380-420/3/50 380-420/3/50	7.9 10.0	51.5 50.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	63	225
PZBDT1000	10.0	1x ZBD38KCE-TFD & 1x ZB38KQE-TFD	380-420/3/50 380-420/3/50	11.3 12.8	64.0 65.5	CPK1000	3582	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	65	230
PZBDT1200	12.0	1x ZBD45KCE-TFD & 1x ZB45KQE-TFD	380-420/3/50 380-420/3/50	11.4 13.1	74.0 74.0	CPK1200	7383	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	66	235
PZBDT1600	16.0	1x ZBD58KCE-TFD & 1x ZB58KQE-TFD	380-420/3/50 380-420/3/50	16.4 16.4	95.0 95.0	CPK1500	6735	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	68	255
PZBDT2000	20.0	1x ZBD76KCE-TFD & 1x ZB76KQE-TFD	380-420/3/50 380-420/3/50	20.0 20.0	118.0 118.0	CPK2050	6630	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	70	260

NOTES:

- 350mm Cond Fans - 220-240/1/50
500mm Cond Fans - 220-240/1/50
630mm Cond 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)

The company reserves the right to make specification changes without notice. NZ 20002/2018

PATTON



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