

Powered by Copeland Scroll

- Factory applied "Blue Coil Coat" corrosion protection
- Reliable and efficient Copeland ZB scroll compressors
- Generous low noise level condensers
- Fully wired in a waterproof powder coated enclosure



R404A

2.0 7.5 HP

MEDIUM TEMP

Model	Amb (°C)	Capacity (kW)						Power Input (kW)					
		Evaporating Temperature (°C)						Evaporating Temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
CZB200	32	2.45	2.99	3.58	4.23	4.92	5.66	1.95	1.97	1.98	1.99	2.02	2.06
	38	2.12	2.62	3.16	3.74	4.36	5.03	2.29	2.29	2.28	2.29	2.30	2.33
	43	1.81	2.28	2.78	3.31	3.88	4.48	2.64	2.63	2.60	2.59	2.58	2.59
CZB250	32	3.26	3.93	4.68	5.51	6.44	7.45	2.06	2.10	2.14	2.19	2.24	2.30
	38	2.96	3.57	4.25	5.00	5.85	6.76	2.33	2.37	2.42	2.47	2.52	2.57
	43	2.69	3.24	3.86	4.55	5.32	6.17	2.59	2.64	2.69	2.73	2.78	2.83
CZB300	32	3.86	4.64	5.52	6.49	7.55	8.72	2.47	2.52	2.58	2.65	2.72	2.79
	38	3.49	4.20	4.99	5.86	6.83	7.88	2.81	2.87	2.93	2.99	3.06	3.13
	43	3.17	3.81	4.53	5.32	6.21	7.16	3.12	3.19	3.25	3.31	3.38	3.46
CZB350	32	4.42	5.30	6.28	7.35	8.53	9.79	2.92	3.01	3.09	3.18	3.28	3.38
	38	3.98	4.78	5.65	6.63	7.69	8.82	3.33	3.41	3.50	3.59	3.69	3.80
	43	3.59	4.32	5.11	5.99	6.95	7.99	3.72	3.80	3.89	3.98	4.08	4.18
CZB400	32	5.01	5.99	7.08	8.25	9.52	10.90	3.39	3.49	3.60	3.72	3.86	3.99
	38	4.50	5.38	6.35	7.39	8.55	9.78	3.86	3.97	4.09	4.21	4.34	4.48
	43	4.05	4.84	5.71	6.66	7.70	8.83	4.31	4.43	4.54	4.67	4.79	4.92
CZB500	32	6.46	7.74	9.16	10.73	12.44	14.29	4.33	4.45	4.57	4.70	4.85	5.00
	38	5.82	6.98	8.26	9.66	11.21	12.86	4.92	5.03	5.16	5.30	5.44	5.59
	43	5.25	6.30	7.46	8.73	10.12	11.64	5.47	5.59	5.72	5.86	6.00	6.15
CZB600	32	7.38	8.83	10.40	12.13	13.99	15.99	5.00	5.15	5.32	5.49	5.69	5.89
	38	6.63	7.92	9.34	10.88	12.55	14.36	5.67	5.83	6.00	6.18	6.38	6.57
	43	5.95	7.12	8.40	9.80	11.32	12.94	6.32	6.49	6.66	6.83	7.01	7.22
CZB750	32	8.31	9.96	11.79	13.78	15.97	18.34	5.29	5.44	5.59	5.76	5.94	6.13
	38	7.49	8.98	10.62	12.43	14.38	16.54	6.01	6.16	6.33	6.49	6.68	6.86
	43	6.76	8.10	9.59	11.22	13.01	14.97	6.70	6.86	7.03	7.20	7.37	7.55

Note: The rating condition is based on a suction return gas 20°C, Subcool with the limits of the condensing unit.

R407F

2.0 7.5 HP

MEDIUM TEMP

Model	Amb (°C)	Capacity (kW)						Power Input (kW)					
		Evaporating Temperature (°C)						Evaporating Temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
CZB200	32	2.58	3.19	3.86	4.57	5.34		1.98	2.03	2.09	2.15	2.22	
	38		2.74	3.36	4.02	4.72			2.37	2.42	2.49	2.56	
	43												
CZB250	32	2.70	3.40	4.17	5.01	5.97	7.03	2.06	2.11	2.18	2.26	2.34	2.41
	38			3.73	4.54	5.44	6.43			2.49	2.58	2.67	2.76
	43				4.09	4.94					2.86	2.97	
CZB300	32		4.04	4.95	5.96	7.05	8.25		2.54	2.64	2.75	2.87	2.98
	38			4.39	5.34	6.36	7.47			3.02	3.15	3.28	3.41
	43				4.75						3.50		
CZB350	32		4.53	5.54	6.67	7.88	9.23		3.04	3.18	3.33	3.50	3.67
	38			4.89	5.95	7.09				3.61	3.79	3.99	
	43												
CZB400	32		5.23	6.49	7.86	9.34	10.94		3.32	3.52	3.71	3.91	4.12
	38			5.78	7.08					3.91	4.14		
	43												
CZB500	32	5.41	6.86	8.47	10.25	12.21	14.36	4.29	4.43	4.59	4.78	5.00	5.26
	38		6.09	7.61	9.30	11.15			4.73	4.84	4.99	5.16	
	43												
CZB600	32	6.36	7.91	9.66	11.62	13.77	16.13	4.97	5.22	5.47	5.73	6.05	6.41
	38			8.83						6.25			
	43												
CZB750	32	7.11	9.11	11.30	13.67	16.24	19.00	5.32	5.70	6.04	6.38	6.71	7.06
	38		7.98	10.05	12.27	14.67			6.36	6.79	7.18	7.56	
	43												

Note: The rating condition is based on a suction return gas 20°C, Subcool with the limits of the condensing unit.

R448A / 449A

2.0 7.5 HP

MEDIUM TEMP

Model	Amb (°C)	Capacity (kW)						Power Input (kW)					
		Evaporating Temperature (°C)						Evaporating Temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
CZB200	32	2.25	2.82	3.45	4.14	4.90	5.72	1.81	1.84	1.88	1.93	2.00	2.09
	38		2.53	3.10	3.73	4.42	5.17		2.16	2.20	2.24	2.30	2.38
	43		2.25	2.78	3.36	3.99	4.68		2.48	2.51	2.55	2.60	2.67
CZB250	32	2.75	3.42	4.19	5.06	6.02	7.07	1.81	1.84	1.89	1.95	2.03	2.13
	38		3.13	3.83	4.63	5.51	6.48		2.12	2.17	2.22	2.30	2.39
	43		2.87	3.51	4.24	5.04	5.94		2.41	2.44	2.49	2.56	2.65
CZB300	32	3.43	4.25	5.17	6.19	7.32	8.55	2.29	2.36	2.45	2.55	2.67	2.81
	38	3.15	3.91	4.76	5.70	6.73	7.87	2.64	2.72	2.81	2.91	3.04	3.17
	43	2.89	3.60	4.40	5.26	6.22	7.25	2.98	3.06	3.14	3.26	3.37	3.52
CZB350	32	3.81	4.72	5.74	6.88	8.13	9.52	2.68	2.77	2.88	3.00	3.13	3.27
	38		4.33	5.28	6.35	7.53	8.82		3.13	3.24	3.36	3.49	3.62
	43		4.02	4.92	5.92	7.02	8.25		3.47	3.57	3.69	3.81	3.94
CZB400	32	4.45	5.43	6.54	7.78	9.14	10.63	3.00	3.15	3.30	3.46	3.65	3.85
	38		5.05	6.06	7.20	8.45	9.82		3.59	3.75	3.92	4.11	4.31
	43				6.71	7.88	9.14				4.35	4.53	4.73
CZB500	32	5.41	6.86	8.47	10.25	12.21	14.36	4.29	4.43	4.59	4.78	5.00	5.26
	38		6.09	7.61	9.30	11.15			4.73	4.84	4.99	5.16	
	43												
CZB600	32	6.36	7.91	9.66	11.62	13.77	16.13	4.97	5.22	5.47	5.73	6.05	6.41
	38			8.83						6.25			
	43												
CZB750	32	7.11	9.11	11.30	13.67	16.24	19.00	5.32	5.70	6.04	6.38	6.71	7.06
	38		7.98	10.05	12.27	14.67			6.36	6.79	7.18	7.56	
	43												

Note: The rating condition is based on a suction return gas 20°C, Subcool with the limits of the condensing unit.

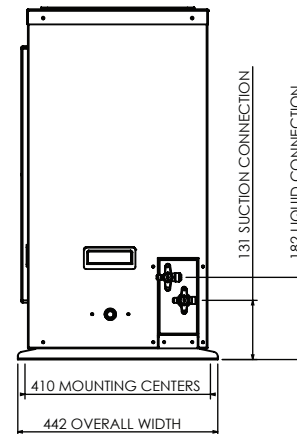
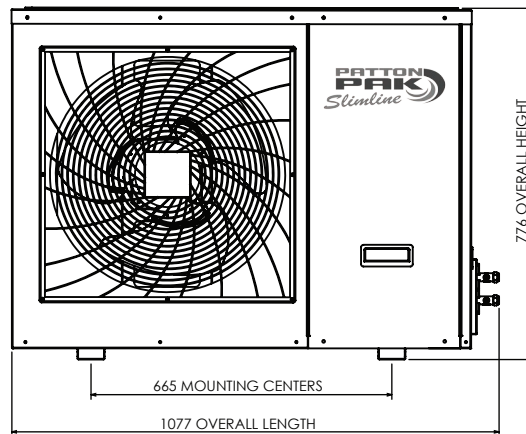
TECHNICAL DATA

MODEL NAME		CZB200	CZB250	CZB300	CZB350	CZB400	CZB500	CZB600	CZB750
Compressor	MODEL	ZB15KQE-TFD	ZB19KQE-TFD	ZB21KQE-TFD	ZB26KQE-TFD	ZB29KQE-TFD	ZB38KQE-TFD	ZB45KQE-TFD	ZB48KQE-TFD
	Rated Input Volt.	AC 380-420V/3PH/50Hz							
	RLA Amps	3.25	4.42	4.54	5.86	7.24	6.81	9.53	9.53
	MCC Amps	4.90	6.50	7.15	8.90	10.00	12.80	13.10	14.00
	LRA Amps	26	32	40	46	50	65.5	74	101
	Oil Type	POE(32cSt)							
	Oil Precharge (L)	0.6							
	Oil Quantity (L)	1.24	1.36	1.45	1.45	1.36	2.07	1.9	1.8
Condenser	Air Flow (m ³ /h)	4520	4490	4450	4450	4450	6370	6370	8750
	Fan Motor *	1x20"	1x20"	1x20"	1x20"	1x20"	2x18"	2x18"	2x20"
	Total Fan Power (W)	236	236	236	236	236	472	472	472
	Reciever (L)	4.7	4.7	4.7	4.7	4.7	7.9	7.9	7.9
	Suction Tube Size	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
	Liquid Tube Size	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"
	Weight (kg)	77	79	81	82	87	119	121	123

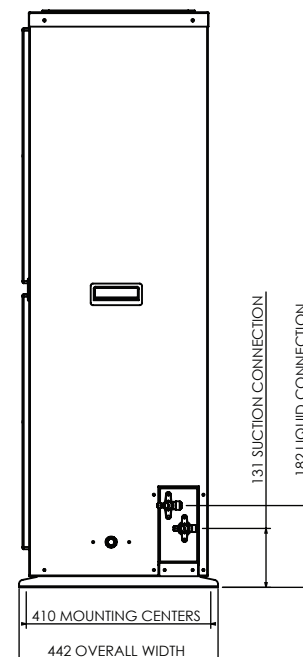
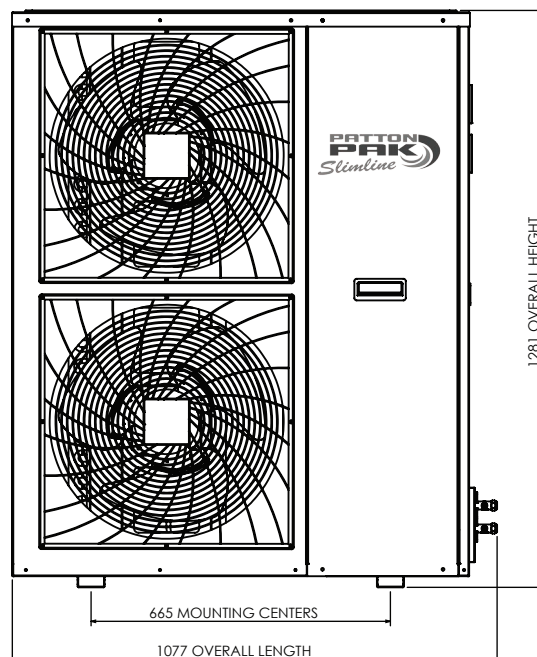
* Note : All Fan 220-240V/1PH/50Hz (5 uf Capacitor)

DIMENSION

CZB200
CZB250
CZB300
CZB350
CZB400



CZB500
CZB600
CZB750



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