

Powered by Copeland Scroll

## R404A

- 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



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
CZB200-2	32	2.55	3.12	3.74	4.43	5.17	5.97	1.75	1.76	1.76	1.77	1.79	1.82
	38	2.22	2.75	3.32	3.94	4.62	5.33	2.06	2.06	2.05	2.04	2.04	2.07
	43	1.93	2.42	2.95	3.53	4.14	4.80	2.40	2.37	2.34	2.32	2.30	2.31
CZB250-2	32	3.34	4.02	4.81	5.68	6.65	7.71	1.89	1.93	1.96	2.00	2.04	2.08
	38	3.03	3.67	4.37	5.16	6.05	7.00	2.16	2.19	2.23	2.27	2.30	2.35
	43	2.77	3.35	4.00	4.72	5.53	6.41	2.41	2.45	2.48	2.52	2.56	2.60
CZB300-2	32	3.98	4.80	5.72	6.75	7.89	9.14	2.26	2.31	2.35	2.40	2.45	2.51
	38	3.62	4.36	5.20	6.13	7.18	8.31	2.59	2.63	2.68	2.73	2.77	2.83
	43	3.30	3.99	4.75	5.61	6.55	7.59	2.90	2.94	2.99	3.03	3.08	3.13
CZB350-2	32	4.58	5.51	6.55	7.71	8.97	10.37	2.69	2.75	2.81	2.88	2.95	3.02
	38	4.15	5.00	5.94	6.97	8.12	9.38	3.07	3.14	3.20	3.27	3.34	3.41
	43	3.77	4.55	5.40	6.35	7.40	8.55	3.44	3.50	3.58	3.64	3.71	3.78
CZB400-2	32	5.22	6.26	7.43	8.71	10.12	11.62	3.11	3.19	3.27	3.36	3.46	3.56
	38	4.71	5.66	6.70	7.86	9.12	10.50	3.56	3.64	3.73	3.82	3.92	4.01
	43	4.27	5.14	6.08	7.13	8.28	9.52	3.99	4.07	4.16	4.25	4.34	4.44
CZB500-2	32	6.70	8.06	9.59	11.28	13.13	15.15	3.92	4.00	4.09	4.19	4.29	4.40
	38	6.08	7.31	8.69	10.21	11.89	13.74	4.47	4.56	4.65	4.75	4.85	4.95
	43	5.53	6.66	7.90	9.30	10.83	12.52	5.00	5.08	5.19	5.28	5.38	5.48

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

## MEDIUM TEMP

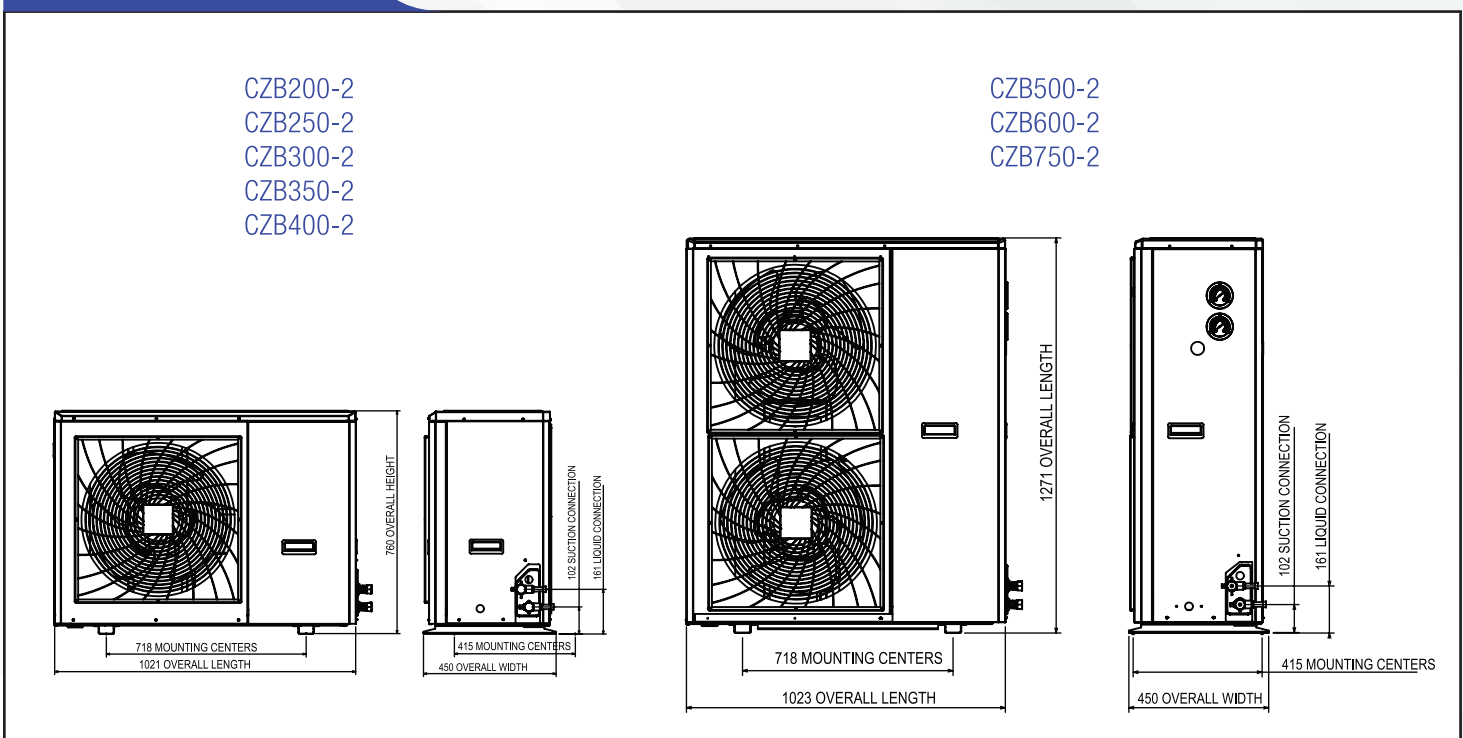
Model	Amb. (°C)	Capacity (kW)						Power Input (kW)					
		Evaporating Temperature (°C)						Evaporating Temperature (°C)					
		-20	-15	-10	-5	0	5	-20	-15	-10	-5	0	5
CZB600-2	32	7.71	9.26	10.97	12.85	14.92	17.13	4.51	4.62	4.75	4.88	5.02	5.17
	38	6.97	8.35	9.90	11.59	13.44	15.48	5.15	5.28	5.40	5.53	5.67	5.81
	43	6.31	7.59	8.98	10.54	12.21	14.07	5.77	5.88	6.01	6.14	6.28	6.41
CZB750-2	32	8.60	10.34	12.27	14.44	16.77	19.35	4.84	4.96	5.09	5.20	5.35	5.49
	38	7.78	9.37	11.11	13.04	15.20	17.52	5.54	5.65	5.78	5.91	6.04	6.18
	43	7.09	8.52	10.11	11.89	13.83	15.94	6.19	6.32	6.44	6.56	6.70	6.84

## TECHNICAL DATA

MODEL NAME	CZB200-2	CZB250-2	CZB300-2	CZB350-2	CZB400-2	CZB500-2	CZB600-2	CZB750-2
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							
Compressor								
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 <sup>3</sup> /h)	6027	5991	5991	5991	5991	8511	8511	11672
Fan Motor*	1x20"	1x20"	1x20"	1x20"	1x20"	2x18"	2x18"	2x20"
Total Fan Power (W)	118	118	118	118	118	236	236	236
Receiver (L)	4.7	4.7	4.7	4.7	4.7	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 (50uf Capacitor)

## DIMENSION



Products, specifications and technical data contained in this document are subject to change without prior notice.