

R404A

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



3.0 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
CZBD300-2	32	3.92	4.73	5.65	6.70	7.84	9.06	1.99	2.09	2.18	2.26	2.34	2.41
	38	3.58	4.35	5.21	6.16	7.16	8.24	2.22	2.33	2.44	2.53	2.62	2.70
	43	3.28	4.01	4.81	5.65	6.55	7.50	2.44	2.56	2.68	2.79	2.88	2.96
CZBD399-2	32	5.40	6.47	7.66	8.99	10.47	12.10	2.67	2.82	2.94	3.06	3.18	3.31
	38	4.93	5.89	6.97	8.16	9.49	10.96	3.00	3.18	3.32	3.46	3.59	3.73
	43	4.52	5.39	6.36	7.45	8.65	9.98	3.35	3.56	3.72	3.87	4.01	4.15
CZBD400-2	32	5.42	6.50	7.71	9.05	10.54	12.19	2.66	2.80	2.92	3.03	3.15	3.29
	38	4.95	5.93	7.01	8.23	9.57	11.05	2.99	3.16	3.30	3.42	3.55	3.69
	43	4.54	5.43	6.41	7.50	8.73	10.08	3.34	3.53	3.69	3.84	3.97	4.11
CZBD500-2	32	6.67	7.99	9.49	11.13	12.94	14.89	3.79	4.00	4.21	4.43	4.65	4.86
	38	6.14	7.34	8.68	10.16	11.77	13.52	4.13	4.36	4.59	4.83	5.06	5.29
	43	5.69	6.77	7.97	9.33	10.79	12.36	4.46	4.71	4.95	5.19	5.43	5.68
CZBD600-2	32	7.78	9.31	10.99	12.83	14.84	17.02	4.51	4.78	5.06	5.35	5.63	5.91
	38	7.15	8.51	10.02	11.67	13.47	15.38	4.93	5.23	5.52	5.83	6.13	6.44
	43	6.61	7.83	9.19	10.68	12.26	13.99	5.34	5.65	5.96	6.27	6.60	6.91
CZBD750-2	32	8.84	10.59	12.54	14.68	17.02	19.54	4.86	5.14	5.44	5.74	6.04	6.33
	38	8.13	9.70	11.47	13.39	15.47	17.76	5.31	5.62	5.93	6.26	6.58	6.89
	43	7.53	8.95	10.54	12.26	14.13	16.18	5.75	6.08	6.40	6.74	7.08	7.40

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

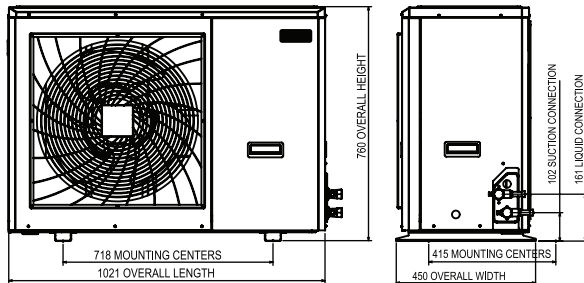
TECHNICAL DATA

	MODEL NAME	CZBD300-2	CZBD399-2	CZBD400-2	CZBD500-2	CZBD600-2	CZBD750-2
	MODEL	ZBD21KQE-TFD	ZBD29KQE-TFD	ZBD29KQE-TFD	ZBD38KQE-TFD	ZBD45KQE-TFD	ZBD48KQE-TFD
Compressor	Rated Input Volt.	AC 380-420V/3PH/50Hz					
	RLA Amps	4.6	5.56	5.56	7.36	8.6	10.15
	MCC Amps	6.7	7.9	7.9	11.3	11.4	14.0
	LRA Amps	40	48	48	64	74	100
	Oil Type	POE (32cSt)					
	Oil Precharge (L)	0.6					
	Oil Quantity (L)	1.24	1.36	1.36	1.89	1.89	1.89
Condenser	Air Flow (m ³ /h)	5991	6505	9488	8511	8511	11672
	Fan Motor*	1x20"	1x20"	2x18"	2x18"	2x18"	2x20"
	Total Fan Power (W)	118	118	236	236	236	236
	Receiver (L)	4.7	7.9	7.9	7.9	7.9	7.9
	Suction Tube Size	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
	Liquid Tube Size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	Weight (kg)	81	85	87	119	121	124

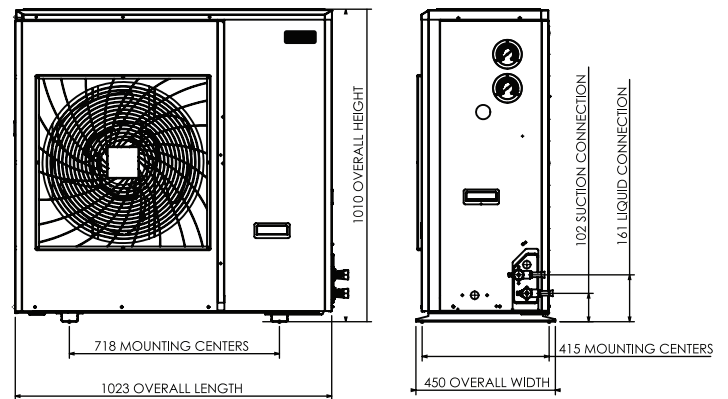
* Note : All Fan 220-240V/1PH/50Hz (50uf Capacitor)

DIMENSION

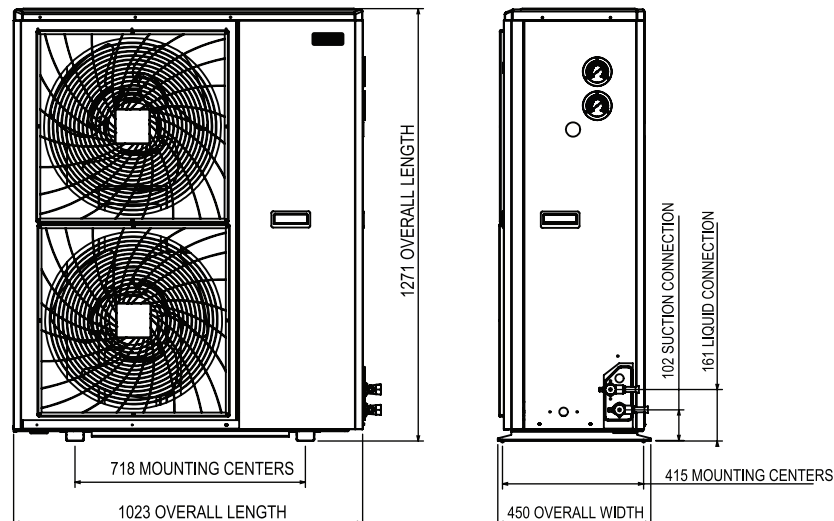
CZBD300-2



CZBD399-2



CZBD400-2
CZBD500-2
CZBD600-2
CZBD750-2



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