

Powered by Copeland Scroll

## R404A

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



2.0 7.5 HP

### LOW TEMP

Model	Amb (°C)	Capacity (kW)							Power Input (kW)						
		Evaporating Temperature (°C)							Evaporating Temperature (°C)						
		-40	-35	-30	-25	-20	-15	-10	-40	-35	-30	-25	-20	-15	-10
CZF200-2	32	1.23	1.54	1.90	2.31	2.77	3.29	3.88	1.44	1.51	1.59	1.68	1.79	1.90	2.03
	38	1.14	1.42	1.75	2.12	2.54	3.01	3.54	1.60	1.67	1.75	1.85	1.95	2.06	2.19
	43	1.05	1.32	1.62	1.95	2.34	2.76	3.24	1.76	1.83	1.91	2.00	2.10	2.21	2.34
CZF300-2	32	1.64	2.05	2.52	3.05	3.65	4.32	5.05	1.82	1.86	1.92	2.00	2.10	2.22	2.37
	38	1.51	1.90	2.32	2.80	3.33	3.93	4.58	2.04	2.07	2.13	2.21	2.31	2.42	2.57
	43	1.40	1.76	2.14	2.58	3.06	3.60	4.19	2.25	2.28	2.33	2.40	2.49	2.61	2.75
CZF350-2	32	2.10	2.64	3.23	3.91	4.66	5.53	6.49	2.14	2.18	2.26	2.35	2.48	2.62	2.79
	38	1.95	2.44	2.98	3.59	4.27	5.05	5.92	2.36	2.41	2.48	2.58	2.70	2.84	3.01
	43	1.80	2.25	2.75	3.31	3.93	4.63	5.43	2.57	2.62	2.69	2.78	2.91	3.06	3.22
CZF400-2	32	2.38	3.03	3.77	4.61	5.57	6.63	7.83	2.20	2.29	2.39	2.51	2.65	2.81	2.99
	38	2.23	2.80	3.46	4.22	5.08	6.06	7.16	2.47	2.56	2.67	2.79	2.93	3.09	3.27
	43	2.11	2.61	3.20	3.88	4.67	5.56	6.55	2.73	2.82	2.93	3.06	3.20	3.36	3.54
CZF500-2	32	2.83	3.61	4.48	5.47	6.58	7.82	9.18	2.50	2.66	2.84	3.03	3.24	3.48	3.76
	38	2.63	3.32	4.10	4.98	5.97	7.08	8.30	2.82	3.00	3.19	3.38	3.61	3.85	4.13
	43	2.47	3.09	3.77	4.55	5.43	6.42	7.53	3.11	3.30	3.51	3.72	3.95	4.20	4.48
CZF600-2	32	3.46	4.34	5.31	6.41	7.65	9.05	10.61	3.15	3.3	3.49	3.69	3.92	4.17	4.45
	38	3.18	3.99	4.88	5.86	6.97	8.23	9.62	3.5	3.66	3.85	4.06	4.29	4.55	4.84
	43	2.94	3.68	4.48	5.37	6.37	7.5	8.76	3.81	3.99	4.19	4.41	4.64	4.91	5.2
CZF750-2	32	4.37	5.42	6.69	8.14	9.74	11.46	13.24	3.56	3.95	4.32	4.69	5.09	5.57	6.13
	38	4.08	5.01	6.16	7.47	8.92	10.47	12.06	3.81	4.26	4.67	5.09	5.53	6.04	6.65
	43	3.87	4.69	5.72	6.90	8.23	9.63	11.08	4.01	4.51	4.97	5.43	5.91	6.46	7.09

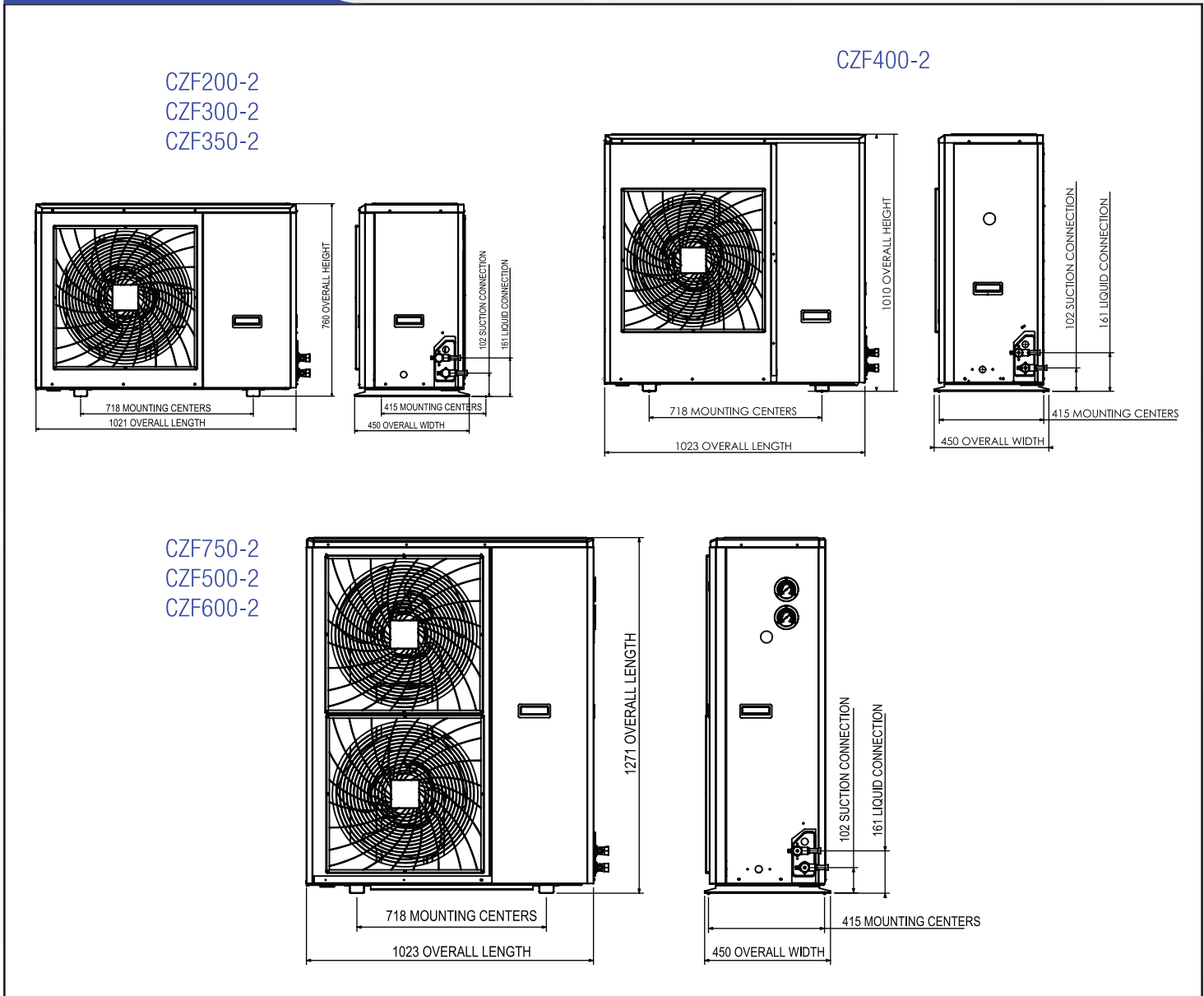
Note: The rating condition is based on a suction return gas 20°C, Subcool with the limits of the condensing unit.

## TECHNICAL DATA

MODEL NAME	CZF200-2	CZF300-2	CZF350-2	CZF400-2	CZF500-2	CZF600-2	CZF750-2
<b>Compressor</b>							
MODEL	ZF06KQE-TFD	ZF09KQE-TFD	ZF11KQE-TFD	ZF13KQE-TFD	ZF15KQE-TFD	ZF18KQE-TFD	ZF25KQE-TFD
Rated Input Volt.	AC 380-420V/3PH/50Hz						
RLA Amps	2.97	4.28	5.4	5.24	6.45	6.59	8.05
MCC Amps	5	6	7.1	8	10.0	12.5	16.6
LRA Amps	26	40	46	51.5	64	74	102
Oil Type	POE(32cSt)						
Oil Precharge (L)	0.6						
Oil Quantity (L)	1.3	1.45	1.45	1.89	1.89	1.89	1.89
<b>Condenser</b>							
Air Flow (m <sup>3</sup> /h)	6027	6027	5991	6505	8641	8641	8511
Fan Motor*	1x20"	1x20"	1x20"	1x20"	2x18"	2x18"	2x18"
Total Fan Power (W)	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"
Liquid Tube Size	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
Weight (kg)	77	79	79	90	95	125	182

\* 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.