

# KLC Microchannel

## Condensing Units

Fixed Speed



### Benefits

- ▶ Reliable and efficient SCI scroll compressor
- ▶ Web monitoring readiness
- ▶ Microchannel condenser
- ▶ User friendly digital controller with LED display
- ▶ Fully wired in a waterproof powder coated enclosure
- ▶ Slim profile, suitable for limited space
- ▶ Generous low noise level condensers



SIAM COMPRESSOR INDUSTRY  
MITSUBISHI ELECTRIC GROUP

1.5

4.0

HP

R404A Low Temp

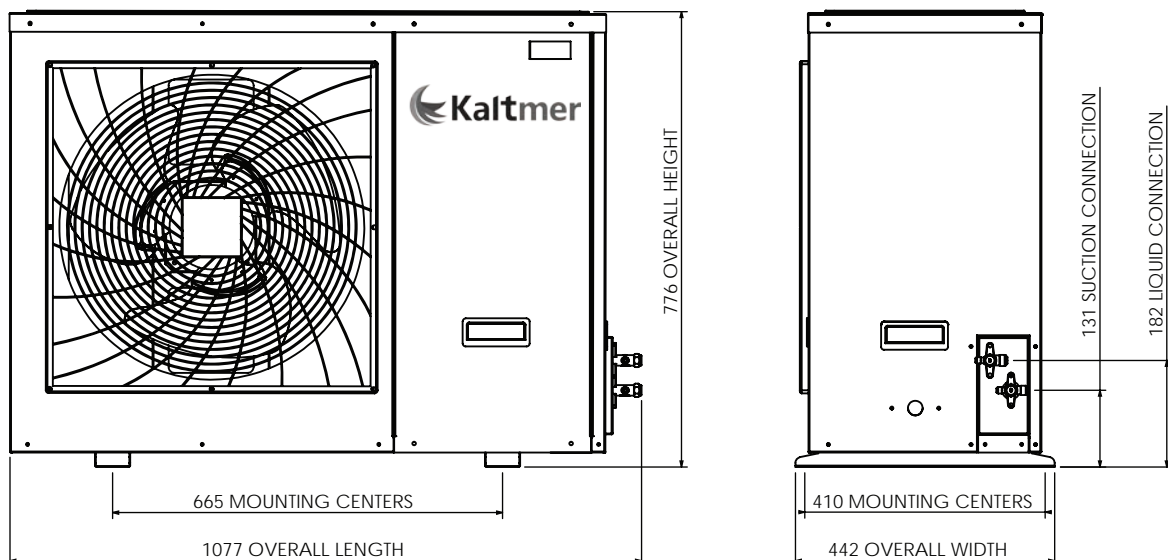
Model	Ambient (°C)	Capacity (kW)							Power Input (kW)						
		Evaporating Temperature (°C)							Evaporating Temperature (°C)						
		-40	-35	-30	-25	-20	-15	-10	-40	-35	-30	-25	-20	-15	-10
KLCM150	32	0.71	0.91	1.24	1.69	2.24	2.91	3.66	1.27	1.34	1.42	1.50	1.58	1.65	1.72
	38	0.62	0.81	1.11	1.53	2.05	2.67	3.37	1.46	1.54	1.62	1.71	1.79	1.87	1.94
	43	0.54	0.71	1.00	1.39	1.88	2.46	3.12	1.61	1.70	1.79	1.88	1.97	2.05	2.12
KLCM300	32	1.33	1.70	2.13	2.64	3.24	3.94	4.74	1.61	1.68	1.77	1.87	1.97	2.07	2.17
	38	1.24	1.57	1.97	2.43	2.98	3.62	4.36	1.83	1.91	2.01	2.12	2.22	2.33	2.42
	43	1.16	1.46	1.82	2.25	2.75	3.35	4.03	2.01	2.11	2.22	2.32	2.43	2.54	2.64
KLCM350	32	1.99	2.29	2.74	3.32	4.04	4.89	5.87	1.97	2.06	2.17	2.29	2.43	2.56	2.70
	38	1.83	2.10	2.51	3.04	3.70	4.49	5.40	2.25	2.35	2.47	2.61	2.75	2.88	3.02
	43	1.69	1.94	2.31	2.80	3.42	4.14	4.99	2.49	2.60	2.73	2.86	3.01	3.15	3.28
KLCM400	32	2.50	2.81	3.32	4.02	4.90	5.96	7.16	2.46	2.62	2.80	3.00	3.21	3.42	3.63
	38	2.29	2.57	3.03	3.67	4.48	5.45	6.56	2.82	3.00	3.20	3.41	3.63	3.84	4.04
	43	2.11	2.36	2.78	3.37	4.12	5.01	6.05	3.13	3.33	3.53	3.76	3.98	4.19	4.39

Note: 1. The rating condition is base on suction superheat of 10K, Subcooling with the limits of the condensing unit.  
2. Power Input are considered compressor power&fan motor power.

## Technical Data

	MODEL NAME	KLCM150	KLCM300	KLCM350	KLCM400
Compressor	Rated Input Voltage	AC 380-420V/3PH/50Hz			
	RLA Amps	2.8	3.4	4	5.4
	MCC Amps	4.5	5.8	6.8	9.3
	LRA Amps	40	48	51	62
	Oil Type	PVE 68			
	Oil Precharge (L)	0.6			
Condenser	Oil Quantity (L)	1.3	1.3	1.3	1.7
	Air Flow (m <sup>3</sup> /h)	3400	3400	3400	3400
	Total Fan Power (W)	118	118	118	118
	Reciever (L)	4.7	4.7	4.7	4.7
	Accumulator (L)	1.9	1.9	1.9	1.9
	Suction Tube Size	3/4"	3/4"	3/4"	3/4"
	Liquid Tube Size	3/8"	3/8"	3/8"	3/8"
	Weight (kg)	90	90	90	93

## Dimension



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