

**Fixed Speed**

### Benefits

- ▶ Reliable and efficient SCI compressor
- ▶ X-web communication feature
- ▶ Slim profile, suitable for limited space
- ▶ User friendly digital controller with LED display
- ▶ Fully wired in a waterproof powder coated enclosure
- ▶ Easy access to service
- ▶ Generous low noise level condensers



SIAM COMPRESSOR INDUSTRY

MITSUBISHI ELECTRIC GROUP

### R404A LOW TEMP

1.5 ▶ 4.0 ▶ HP

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
KLC150	32	0.70	0.90	1.22	1.65	2.19	2.83	3.56	1.18	1.25	1.34	1.42	1.51	1.60	1.68
	38	0.61	0.79	1.09	1.49	1.99	2.59	3.26	1.36	1.45	1.54	1.64	1.73	1.82	1.90
	43	0.53	0.69	0.97	1.35	1.82	2.38	3.01	1.52	1.61	1.72	1.81	1.91	2.00	2.08
KLC250	32	1.31	1.67	2.09	2.58	3.15	3.80	4.56	1.53	1.62	1.72	1.83	1.94	2.06	2.17
	38	1.22	1.54	1.92	2.36	2.88	3.48	4.18	1.76	1.85	1.96	2.08	2.20	2.32	2.43
	43	1.13	1.43	1.77	2.18	2.65	3.20	3.85	1.94	2.05	2.16	2.28	2.41	2.53	2.64
KLC300	32	1.95	2.23	2.66	3.21	3.89	4.68	5.59	1.93	2.03	2.15	2.30	2.45	2.61	2.77
	38	1.78	2.04	2.42	2.93	3.55	4.27	5.11	2.21	2.33	2.46	2.61	2.77	2.93	3.09
	43	1.64	1.88	2.22	2.69	3.26	3.93	4.70	2.45	2.58	2.72	2.87	3.03	3.19	3.35
KLC400	32	2.53	2.84	3.36	4.08	4.99	6.08	7.33	2.30	2.45	2.62	2.81	3.00	3.19	3.39
	38	2.32	2.61	3.08	3.74	4.57	5.57	6.73	2.66	2.83	3.02	3.22	3.42	3.63	3.81
	43	2.14	2.40	2.83	3.44	4.21	5.14	6.22	2.96	3.15	3.35	3.56	3.77	3.98	4.16

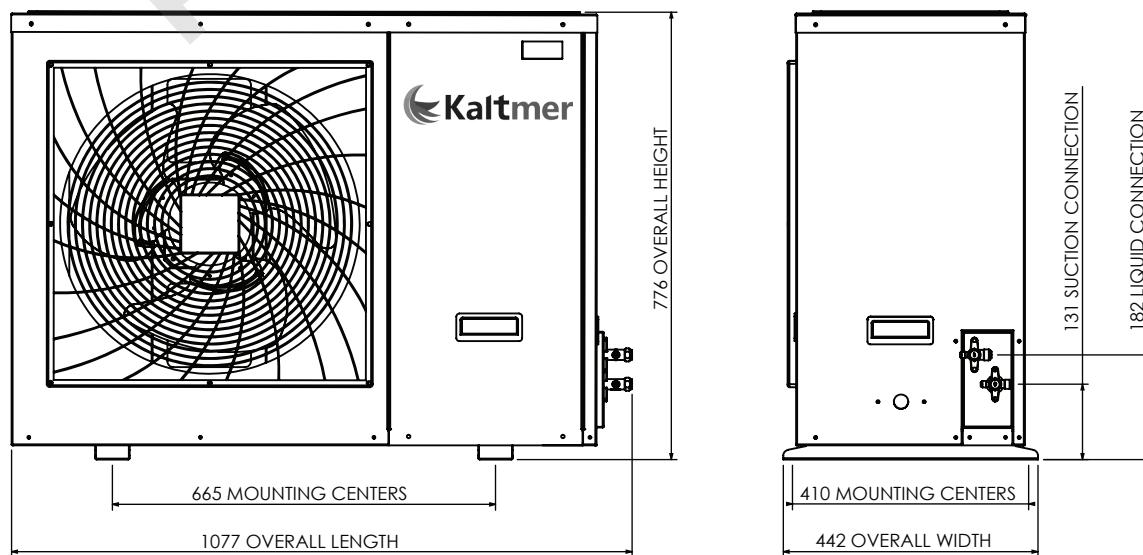
Note: 1. The rating condition is base on suction superheat of 10 K, subcooling with the limits of the condensing unit  
2. Power Input are considering from compressor power & fan motor power.

## TECHNICAL DATA

MODEL NAME	KLC150	KLC250	KLC300	KLC400
Compressor Model	AD33YL2MTS	AD42YL2MTS	AD52YL2MTS	AD66YL2MTS
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		
Oil Quantity (L)	1.3	1.3	1.3	1.7
Air Flow (m³/h)	6027	6027	6027	6505
Fan Motor(1)	1x20"	1x20"	1x20"	1x20"
Total Fan Power (W)	118	118	118	118
Receiver (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

Note : All fans are 220-240V/1PH/50Hz (50uf capacitor)

## DIMENSION



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