

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 |

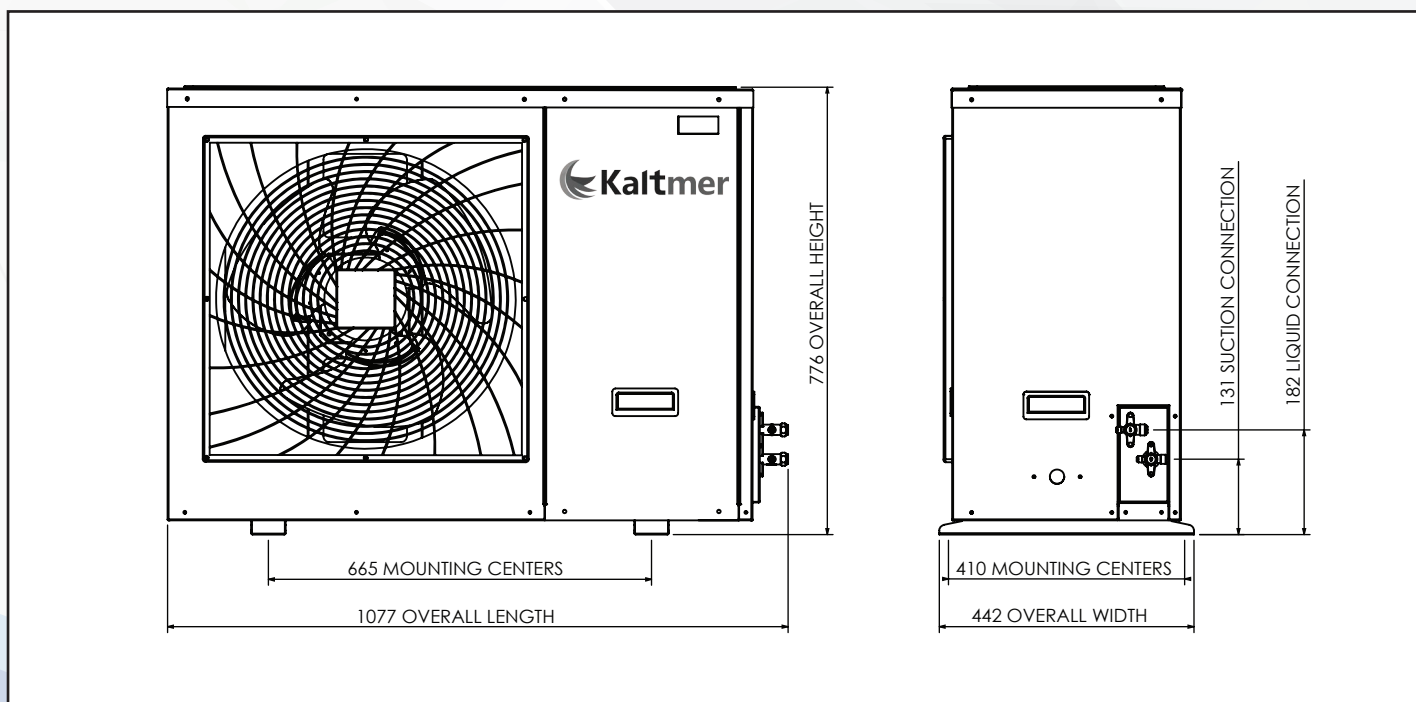
Note: 1. The rating condition is base on suction superheat of 10 K, subcooling with the limits of the condensing unit
 2. Power Input are considering from compressor power & fan motor power.

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 (m ³ /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 (5 uf capacitor)

DIMENSION



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