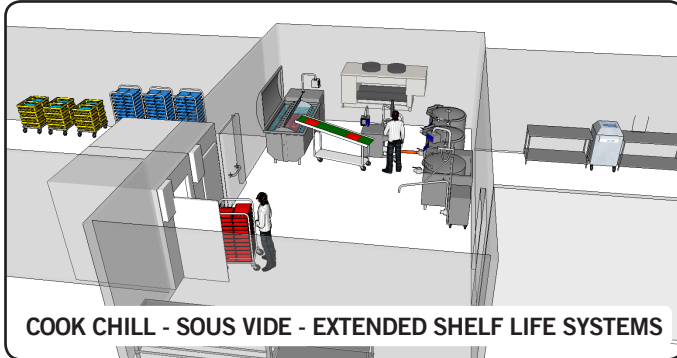


FLUID CHILLERS

Regethermic Australia
 131 Alexander Street
 Crows Nest NSW 2065
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AUSTRALIAN MADE WEATHERPROOF AIR COOLED CHILLERS

Nominal capacities 10 - 200kW

Suitable for water chilling down to 4°C. With glycol or ethanol mix down to -10°C



CA Chillers - Standard features

- Galvabond steel frame and panels
- Powder coat finish (Admiralty Grey Standard)
- Fully weatherproof
- Unique serviceable shell and tube evaporator
- Variable speed condensor fans
- Evaporator shell hot dip galvanised
- Controls standard for normal or low temperature
- Capacity control, CA100 - 3 stages, CA115 through to CA200 - 4 stages

Standard Factory Options

- Factory fitted pump(s)
- Provision for single or dual pumps
- Stainless steel shell on evaporator
- Pressure and temperature gauges
- All copper or treated condensor controls
- Soft start control
- Alternative refrigerants R407c & R404a
- Bacnet - modbus gateway system
- Heat recovery condensers
- Water cooled condensor (CW model prefix)

Over 40 years experience in specialised catering systems

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FLUID CHILLERS

Specifications

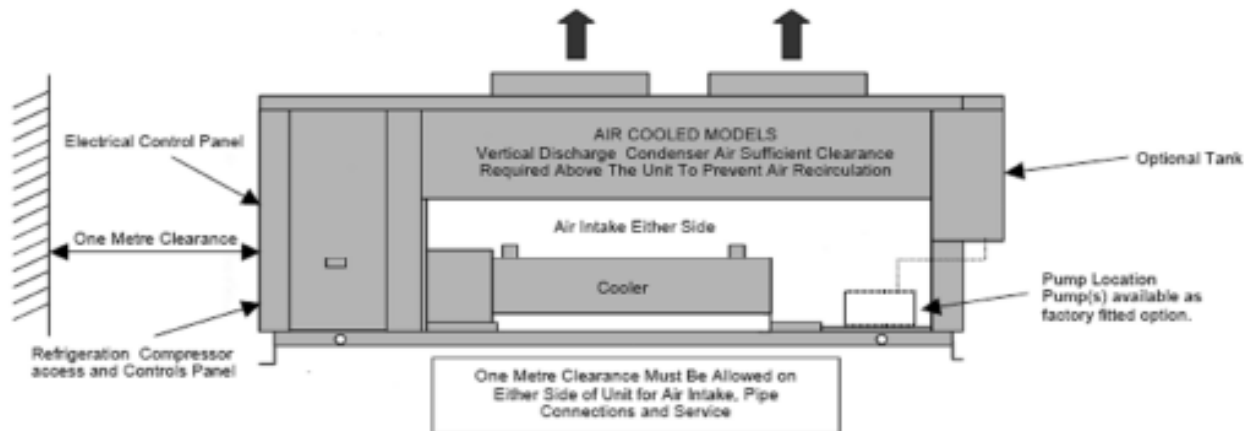
| MODEL | | 10 | 15 | 20 | 26 | 33 | 40 | 52 | 66 | 80 | 90 | 100 | 115 | 132 | 150 | 175 | 200 |
|--------------------------------|--------|-----------------------|------|------|------|------|----------|----------|----------|----------|----------|---------------|----------|----------|----------|----------|----------|
| Nominal Capacity | kW | 11 | 15 | 20 | 26 | 33 | 39 | 52 | 66 | 79 | 89 | 99 | 117 | 132 | 150 | 175 | 200 |
| Compressor motor kW (1) | kW | 3.6 | 5.3 | 7.2 | 9.5 | 11.9 | 12.4 | 2 x 9.5 | 2 x 11.9 | 2 x 12.4 | 3 x 10.6 | 3 x 11.9 | 2 x 17.6 | 4 x 11.5 | 4 x 14 | 2 x 35 | 2 x 38 |
| Minimum Water Flow | l/s | 0.5 | 0.8 | 0.9 | 1.1 | 1.4 | 1.7 | 2.3 | 2.9 | 3.6 | 3.9 | 4.3 | 4.9 | | | | |
| Max Water Flow | l/s | 0.9 | 1.4 | 1.6 | 2.1 | 2.6 | 3.2 | 3.6 | 4.5 | 5.5 | 4.7 | 5.3 | 8.5 | | | | |
| Standard Pump (2) | l/s | 0.7 | 1.1 | 1.2 | 1.6 | 2.0 | 2.5 | 2.9 | 3.7 | 4.5 | 4.3 | 4.8 | 7.0 | | | | |
| Available heat | kPa | 150 | 110 | 100 | 120 | 100 | 120 | 150 | 100 | 100 | 100 | 100 | 100 | | | | |
| Motor Power | kW | 0.46 | 0.53 | 0.53 | 0.72 | 0.72 | 1.2 | 1.55 | 1.55 | 2.2 | 3 | 4 | 2.2 | | | | |
| Condensor Fans | kW | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 2 x 0.55 | 2 x 0.55 | 2 x 0.55 | 4 x 0.55 | 4 x 0.55 | 4 x 0.55 | 4 x 0.55 | 4 x 0.55 | 8 x 0.55 | 8 x 0.55 | 8 x 0.55 |
| Total Kilowatts (3) | kW | 5.0 | 7.2 | 8.3 | 10.8 | 13.3 | 15.3 | 21.7 | 26.7 | 29.3 | 37 | 44.4 | 46.7 | | | | |
| Run Load Amps/Phase (1) | Amps | 13.8 | 15.3 | 18.5 | 20.4 | 25 | 30.7 | 28.8 | 48 | 59.4 | 74.4 | 73 | 75 | | | | |
| Maximum Load Amps | Amps | 17 | 19.5 | 22.5 | 27 | 32 | 36.5 | 52 | 62 | 71 | 99.5 | 98 | 105 | 125 | 148 | 172 | 190 |
| Electrical Supply | | 415V / 3 phase / 50hz | | | | | | | | | | | | | | | |
| Optional Tank volume | litres | 70 | | | | | 100 | | | | | Not available | | | | | |
| Physical Data | | | | | | | | | | | | | | | | | |
| Length (4) | mm | 1440 | 1440 | 2340 | 2340 | 2340 | 2340 | 2340 | 2340 | 2340 | 2340 | 2340 | 2340 | 2350 | 2350 | 2350 | 2350 |
| Width | mm | 920 | 920 | 920 | 920 | 920 | 1136 | 1136 | 1136 | 1646 | 1646 | 1646 | 1646 | 2370 | 3266 | 3266 | 3266 |
| Height | mm | 1200 | 1200 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 | 1320 |
| Weight (5) | KG | 280 | 280 | 368 | 375 | 380 | 580 | 590 | 600 | 840 | 880 | 890 | 1100 | 1200 | 1680 | 1750 | 1880 |

Note:

All ratings at nominal operating conditions of 35°C ambient, 12°C return temperature, 7°C delivery temperature

1. Nominal compressor kW - Note CA10-66, CA90, CA100 uses hermetic (CA 115 semi-hermetic) recip. compressors. CA40 and CA80 scroll compressors
2. Optional primary circulation pump. All units can be fitted with larger or dual pumps to suite application
3. Total motor kW includes compressors, fans, pumps and controls
4. Overall length does not include the optional tank. Allow an extra 230mm to overall length if tank is fitted
5. Weight does not include pumps or tanks

All units come standard with R407c and R404a is available on request. Regethermic reserve right to change or modify specifications as required by continuing design and product variations that may take place. This information sheet should be used only as a guide to the application of equipment Full details on equipment specification must be obtained at the time of supply



Over 40 years experience in specialised catering systems