

KTD Chiller



- Ultra-compact design
- 480W Cooling Capacity (@17°C set point)
- Versatile Temperature Control and Alarm

Chiller Specification

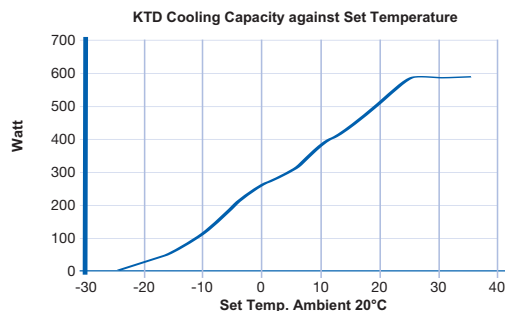
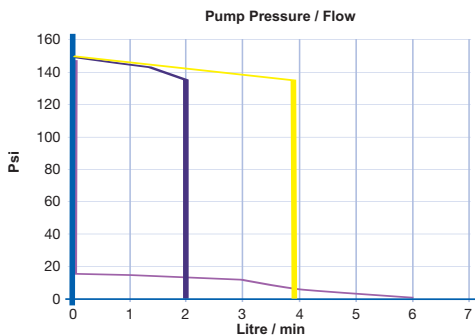
| | |
|---|---|
| Dimensions L x W x H | 330 x 315 x 515 mm |
| Cooling capacity (water @ 17°C) | 480 watts |
| Digital temperature display | Dual readouts standard (set point and indicated temperature) |
| Temperature adjustable | 1°C increments |
| Temperature stability | +/- 0.1°C |
| Temperature range | +4° to +35°C |
| Extended temperature range - Optional | -15°C |
| Microprocessor 3 term PID temperature controller. | Easy front panel programming, with auto tune, fuzzy logic, for state-of-the art control accuracy. |
| Temperature alarm - Standard off-set +/- 10°C | Adjustable High / Low |
| Low fluid level alarm | Audio/ Visual |
| Auto diagnostic functions | Controller and sensor |
| System volume | 1.5 litres |
| Pressure control system | Standard fitment internal - user adjustable |
| Compatible fluids | Hexid fluids / water / propylene glycol |
| Fluid connections | 10mm i.d. hose tails & 1/4" BSP female |
| Compressor over - load protection | Standard |
| Emergency Off (EMO) | Via main circuit breaker (MCB) |
| Tool-less access | No user serviceable parts |
| Noise level | 55 dB(A) @ 1 metre |
| Weight | 30kg |
| Power requirements | 2.5 Amps 1ph 208 V 60Hz, 230V 50Hz and 220V 60Hz 4.5 Amps 110v 60Hz also available |
| Warranty | 2 years |

Standard options

| CAT NO | DESCRIPTION | USE |
|---------|---------------------------------------|--|
| SA00004 | Water cooled | To isolate application from house water supply, reduces possibility of contamination and allows improved temperature control |
| SA00008 | Non return / solenoid option | To prevent siphoning in high pressure applications or when chiller and application are sited at different levels |
| SA00002 | Low temperature pack | For applications that require temperatures below 4°C but above -15°C |
| SA00010 | Low flow alarm | Audible and visual alarm |
| SA00011 | RS 232 / 485 | A communication and software pack to allow monitoring and logging of chiller performance |
| SA00016 | Quick release self sealing connectors | A fast and clean method of changing out a chiller |
| SA00015 | Castors | 2 locking, for mobility |
| SA00017 | Installation Kit | |

Pump Options KTD Chiller - Other pumps can be specified if required.

| PUMP | TYPE | FLOW L/MIN | MAX PRESSURE PSI / BAR | MATERIAL |
|------|----------------------------------|------------|------------------------|--------------------------------|
| P2 | Positive displacement impeller | 2 | 150 (10) | Brass or Stainless Steel (304) |
| P3 | Positive displacement impeller | 3 | 150 (10) | Brass or Stainless Steel (304) |
| P6 | Magnetically coupled centrifugal | 6 | 15 (1) | PPS |



ATC

KTD - Compact, 480 Watt Chiller

Cool Support

- Unrivalled 3 year warranty support available
- 24 hour swap out support service available
- UK factory, European and regional US service support centres

Cool Savings

- Lowest Cost of ownership - Fastest Pay-back
 - 100% water savings
 - No sewage-waste costs
 - Ultimate equipment Up-time
 - Power efficient

Cool Solutions

- Compact simplicity
- State-of-the-art Dual-display microprocessor PID controller (set-point + actual) $\pm 0.1^{\circ}\text{C}$
- Ultra-low vibration series available
- Whisper-Quiet series
- Widest choice of options
- Build to ISO 9002 CE Standards
- US versions UL approved

'Outstanding re-circulating chiller performance, reliability and support'



Cool Reliability



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

