

KTD Chiller



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

Chiller Specification

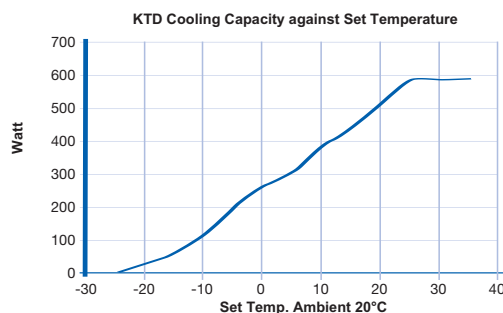
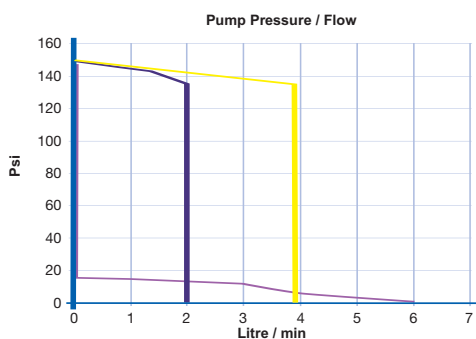
Dimensions L x W x H	330 x 315 x 515 mm
Cooling capacity (water @ 17°C)	480 watts
Digital temperature display	Dual readouts standard (set point and indicated temperature)
Temperature adjustable	1°C increments
Temperature stability	+/- 0.1°C
Temperature range	+4° to +35°C
Extended temperature range - 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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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.

