

KTD Chiller



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

Chiller Specification

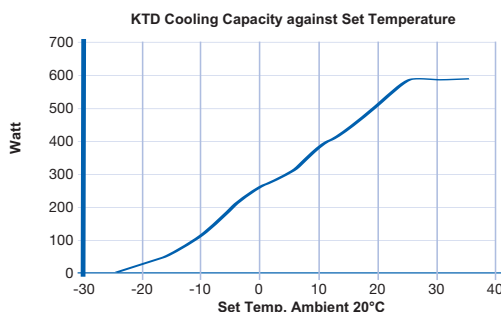
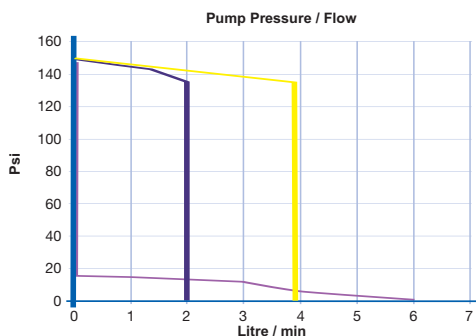
Dimensions L x W x H	330 x 315 x 515 mm
Cooling capacity (water @ 17°C)	480 watts
Digital temperature display	Dual readouts standard (set point and indicated temperature)
Temperature adjustable	1°C increments
Temperature stability	+/- 0.1°C
Temperature range	+4° to +35°C
Extended temperature range - 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 parts, one year labour. Optional 3 year comprehensive

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