

## KT1 Chiller



- 1000 Watt Cooling Capacity (@20°C set point)
- Compact self contained unit
- Full control of temperature
- Versatile flow rates and pressures

### Chiller Specification

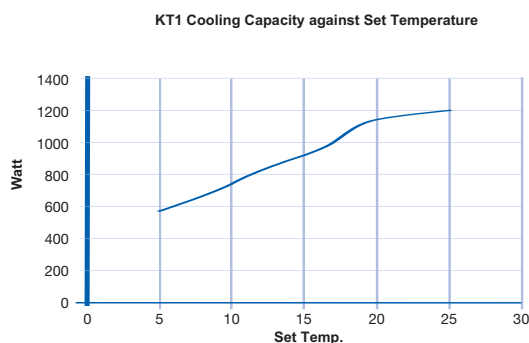
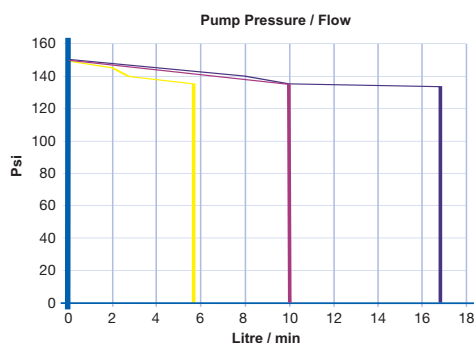
Dimensions L x W x H	370 x 450 x 540 mm
Cooling capacity (fluid @ 20°C)	1000 watts
Digital temperature display	Dual readouts standard (set point and indicated temperature)
Temperature adjustable	1°C increments
Temperature stability	+/- 0.1°C
Temperature range	+4° to +35°C
Microprocessor 3 term PID temperature 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	Visual
Low Fluid Flow Alarm	Visual
Auto diagnostic functions	Controller and sensor
System volume	2.0 litres
Pressure control system	Standard fitment internal - user adjustable
Compatible fluids	Hexid fluids / water / propylene glycol
Fluid connections	BSP threaded Male 3/4", Female 1/2". 3/8" and 1/2" barbs also supplied
Compressor over - load protection	Standard
Noise Level	58dB(A) @ 1 metre
Weight	55kg
Lockable Castors for mobility	Standard, 2 locking
Warranty	2 years

### Standard options

CAT NO	DESCRIPTION	USE
SA00008	None return / solenoid option	To prevent siphoning in high pressure applications or when chiller and application are sited at different levels
SA00016	Quick release self sealing connector pack	Fast and clean method of changing out a chiller
SA00018	Stainless Steel pump and fittings	When used with deionised water
SA00017	Installation Kit	

### Pump Options KT1 Chiller - Other pumps can be specified if required.

PUMP	TYPE	FLOW L/MIN	MAX PRESSURE PSI / BAR	MATERIAL
P5	Positive displacement impellor	5	150 (10)	Brass or Stainless Steel (304)
P10	Positive displacement impellor	10	150 (10)	Brass or Stainless Steel (304)
P17	Positive displacement impellor	17	150 (10)	Brass or Stainless Steel (304)



# ATC

## KT1 - Compact, 1000 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*

- State-of-the-art Dual-display microprocessor PID controller (set-point + actual)  $\pm 0.1^{\circ}\text{C}$
- Ultra-low vibration series (OEMs only)
- 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.

