K4 Chiller

- 4.5 kW Cooling Capacity (@17°C set point)
- Versatile design, allowing for many standard and non standard options
- Totally reliable workhorse

Standard options

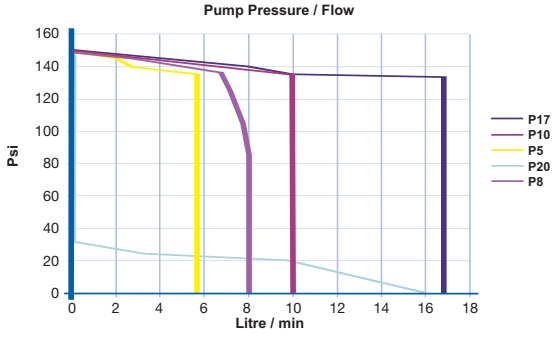
CAT NO	DESCRIPTION	USE
SA00006	Water cooled	To isolate application from house water supply, reduces possibility of contamination and allows improved temperature control
SA00001	Remote alarm pack	To monitor the performance of a chiller some distance from the application
SA00008	Non return / solenoid option	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
SA00003	Heater pack	For applications that require temperatures above 35°C up to 70°C
SA00007	3 Phase	Where 3 Phase Supply Preferred
SA00010	Low flow alarm	Visual
SA00011	RS 232 / 485	Communication and software pack to allow monitoring and logging of chiller performance
SA00013	In-line deioniser	For applications that require deionised water in the recirculating loop
SA00016	Quick release self sealing connectors pack	Fast and clean method of changing out a chiller
SA00018	Stainless Steel pump and fittings	When used with deionised water
SA00017	Installation Kit	

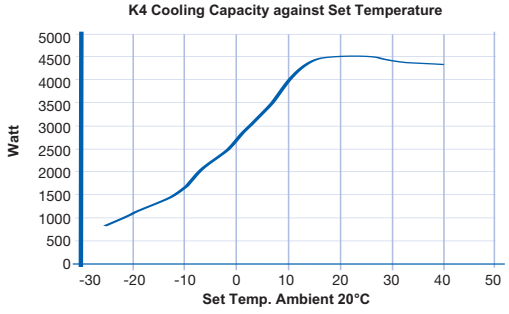
Chiller Specification

Dimensions L x W x H	775 x 510 x 850 mm
Cooling capacity (water @ 17°C)	4500 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	-30° to +80°C
Temperature alarm - Standard off-set +/- 10°C	Adjustable High / Low
Low fluid level alarm	Visual
Microprocessor 3 term PID temperature controller.	Easy front panel programming, with auto tune, fuzzy logic, for state-of-the art control accuracy.
System volume	7 litres
Pressure control system	Standard fitment internal - user adjustable between 20 and 150psi
Compatible fluids	Hexid fluids / water / propylene glycol
Fluid connections	BSP Threaded Male ¾", Female ½", ⅜" and ½" barbs also supplied
Emergency Off (EMO)	Via main circuit breaker (MCB)
Tool-less access	No
Noise level	73 dB(A) @ 1 metre
Weight (approximated – Varies with options)	125kg
Wheels for mobility	Standard (2 locking)
Power requirements	13 Amps 230VAC 1ph 50/60 Hz
Warranty	2 years

Pump Options K4 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)
P8	Magnetically coupled rotary vane	8	150 (10)	Stainless Steel (304)
P20	Multistage centrifugal	0-20	26 (1.8)	PPS





K4 - Compact, High Capacity 4.5 kW Chiller

Cool Support

- Unrivaled 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

- Smallest foot-print per kW
- State-of-the-art Dual-display microprocessor PID controller (set-point + actual) +/-0.1°C
- Ultra-low vibration series
- Whisper-Quiet series
- Widest choice of options
- Build to ISO 9002 CE Standards

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

Cool Reliability

WolfLabs

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.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.