

## K9 Chiller



- Exceptionally high 9.0kW Cooling Capacity (@17°C set point)
- Compact space saving design
- Versatile - allowing for many standard and non standard options
- Totally Reliable Workhorse

### Chiller Specification

Dimensions L x W x H	775 x 510 x 850 mm
Cooling capacity (water @ 17°C)	8800 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
Microprocessor 3 term PID temperature controller.	Easy front panel programming, with auto tune, fuzzy logic, state-of-the art control accuracy.
Temperature alarm - Standard off-set +/- 10°C	Adjustable High / Low
Low fluid level alarm	Standard - Visual with pump interlock
Auto diagnostic functions	Controller and sensor
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 3/4", Female 1/2". 3/8" and 1/2" barbs also supplied
Compressor over - load protection	Standard
Emergency Off (EMO)	Via main circuit breaker (MCB)
Tool-less access	No
Noise level	85 dB(A) @ 1 metre
Weight (approximated – Varies with options)	125kg
Wheels for mobility	Standard (2 locking)
Power requirements	10 Amps 415VAC 3ph 50/60Hz
Warranty	2 years parts, one year labour. Optional 3 year comprehensive

### 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.
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 connector pack
SA00018	Stainless Steel pump and fittings	When used with deionised water
SA00017	Installation Kit	

### Pump Options K9 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

