



Cooling capacity (setpoint 20°C, ambient 20°C)	K1/1750W	K3/3200W
<u>Physical attributes</u>		
Physical dimensions (LxWxH) (mm)	545 x 420 x 575	540 x 550 x 713
Weight (kg)	66	82
Noise level (dB(A))	68	68
Toolless access	no	No
<u>Temperature control attributes</u>		
Technology	Vapour Compression	Vapour Compression
Temperature range (standard)	+4°C to +35°C	+4°C to +35°C
Control method	PID	PID
Temperature stability (with constant load)	±0.1°C	±0.1°C
Temperature resolution	0.1°C	0.1°C
<u>Water circuit attributes</u>		
System volume (L)	2.5	2.5
Pump type	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD)	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD)
Pump capability	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min
Pressure control (settable pressure relief valve)	Internal, PRV, 20-150psi	Internal, PRV, 20-150psi
Standard fittings	1/2" BSPPF + 3/4" BSPTM 3/8" + 1/2" hose barbs	1/2" BSPPF + 3/4" BSPTM 3/8" + 1/2" hose barbs
Standard chemical compatibility	Hexid Fluid, Water, Propylene Glycol	Hexid Fluid, Water, Propylene Glycol
<u>Electrical attributes</u>		
Option 1	1Ø, 115V, 60Hz, 11.5A	1Ø, 230V, 50Hz, 13A
Option 2	1Ø, 230V, 50Hz, 7.3A	Switchable (see below)
Option 3	Switchable (see below)	
Option 4		
Option 5		
Switchable configuration 1Ø, 115V/60Hz, 220V/60Hz, 230V/50Hz	Yes	
Switchable configuration 1Ø, 208V/60Hz, 220V/60Hz, 230V/50Hz	Yes	Yes
<u>Safety and fault indicator</u>		
1 <sup>st</sup> party approvals	CE	CE
3 <sup>rd</sup> party approvals	UL-OK on 9-spec	UL-OK on 9-spec
Over-current restart mode	Manual	Manual
Interlock-restored restart mode	Automatic	Automatic
Empty fluid reservoir alarm	Visual, lamp	Visual, lamp
Low fluid flow alarm	Visual, lamp	Visual, lamp
Temperature out of range alarm	Visual, lamp	Visual, lamp
Compressor HP switch	Standard	Standard
Motor thermal overload	Standard	Standard
Emergency off	Standard, via MCB	Standard, via MCB
Warranty options	2 year parts, 1 year labour Enhanced warranty options	2 year parts, 1 year labour Enhanced warranty options
<u>Options available</u>		
Remote alarm/power-off; SA00001	Available	Available
Low temperature pack; SA00002	Available, to -20°C	Available, to -20°C
High temperature pack; SA00003	Available, to +80°C	Available, to +80°C
Water cooled K1; SA00005	Available	N/A
Water cooled K3 SA00007	N/A	N/A
Non-return solenoid pack; SA00008	Available	Available
High temperature water circuit w/o header; SA00009	Available	Available
Low flow alarm (KT); SA00010	Standard	Standard
Onboard RS485 data protocol; SA00011	Available	Available
Standard VFC set; SA00012	Available	Available
In-line Deionising cartridge and fittings; SA00013	Available	Available
Stainless non-return solenoid valve; SA00014	Available	Available
CPC quick release connectors; SA00016	Available	Available
Installation kit; SA00017	Available	Available
Stainless steel pump and fittings; SA00018	Standard	Standard
Mod for outdoor use; SA00020	Available, to IP54	Available, to IP54
Particulate filter; SA00021	Available	Available
Flow meter pack; SA00022	Available	Available
Fan speed control (on/off); SA00023	Available	Available
Fan speed control (proportional); SA00024	Available	Available
Flow meter pack output to RS485; SA00025	Available	Available
Seismic mounts; SA00026	Available	Available
In-line UV decontamination; SA00027	Available	Available
Qwikfoot kit; SA00028	Available	Available
Stainless enclosure; SA00029	Available	Available
External manifold (2-way); SA00042	Available	Available
External manifold (10-way); SA00050	Available	Available
High ambient pack	N/A	Available, to +45°C
Shelter pack	Available	Available
Filter on outlet/inlet	Available	Available