



Cooling capacity (setpoint 20°C, ambient 20°C)

	KTR/480W	KTC/480W	KTD/480W	KT1/1000W
Physical attributes				
Physical dimensions (LxWxH) (mm)	330x315x515	330x315x515	330x315x515	370x450x540
Weight (kg)	30	30	30	55
Noise level (dB(A))	55	55	55	58
Toolless access	No	No	No	No

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Temperature control attributes				
Technology	Vapour Compression	Vapour Compression	Vapour Compression	Vapour Compression
Temperature range (standard)	Ambient dependant	Ambient dependant	+4°C to +35°C	+4°C to +35°C
Control method	Ambient tracking	Ambient tracking	Ambient tracking or PID	PID
Temperature stability (with constant load)	±0.2°C	±0.2°C	±0.1°C	±0.1°C
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C

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Water circuit attributes				
System volume (L)	1.5	1.5	1.5	2
Pump type	1) 2L/min Rotary vane (PD) 2) 3L/min Rotary vane (PD) 3) 6L/min Rotary vane (PD)	1) 2L/min Rotary vane (PD) 2) 3L/min Rotary vane (PD) 3) 6/min Rotary vane (PD)	1) 2L/min Rotary vane (PD) 2) 3L/min Rotary vane (PD) 3) 6/min Rotary vane (PD)	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17/min Rotary vane (PD)
Pump capability	1) 6bar@2L/min 2) 6bar@3L/min 3) 1bar@1L/min, 0.33bar@4L/min	1) 6bar@2L/min 2) 6bar@3L/min 3) 1bar@1L/min, 0.33bar@4L/min	1) 6bar@2L/min 2) 6bar@3L/min 3) 1bar@1L/min, 0.33bar@4L/min	1) 6bar@5L/min 2) 6bar@10L/min 3) 1bar@1L/min, 0.33bar@4L/min
Pressure control (settable pressure relief valve)	Internal, *not on CF pump	Internal, *not on CF pump	Internal, *not on CF pump	Internal, PRV, 20-150psi
Standard fittings	1/2" Female + 3/4 Male w/ 1/4" Male to 10mm barb	1/2" Female + 3/4 Male w/ 1/4" Male to 10mm barb	1/2" Female + 3/4 Male w/ 1/4" Male to 10mm barb	1/2" Female + 3/4 Male 3/8" + 1/2" hose barbs
Standard chemical compatibility	Hexid Fluid, Water, Propylene Glycol	Hexid Fluid, Water, Propylene Glycol	Hexid Fluid, Water, Propylene Glycol	Hexid Fluid, Water, Propylene Glycol

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Electrical attributes				
Option 1	1Ø, 115V, 60Hz, 4.5A	1Ø, 115V, 60Hz, 4.5A	1Ø, 115V, 60Hz, 4.5A	1Ø, 115V, 60Hz, 10A
Option 2	Ø, 230V, 50Hz, 2.5A	Ø, 230V, 50Hz, 2.5A	Ø, 230V, 50Hz, 2.5A	1Ø, 230V, 50Hz, 7A
Option 3	Switchable (see below)	Switchable (see below)	Switchable (see below)	Switchable (see below)
Option 4				
Option 5				
Switchable configuration 1Ø, 115V/60Hz, 220V/60Hz, 230V/50Hz	Yes	Yes	Yes	Yes
Switchable configuration 1Ø, 208V/60Hz, 220V/60Hz, 230V/50Hz	Yes	Yes	Yes	Yes
Fault-cleared restart mode	Manual	Manual	Manual	Manual

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Safety and fault indicator				
Empty fluid reservoir alarm	N/A	Visual, lamp	Visual and audible	Visual, lamp
Low fluid flow alarm	N/A	N/A	N/A	Visual, lamp
Temperature out of range alarm	N/A	Visual, lamp	Visual and audible	Visual, lamp
Compressor HP switch	Standard	Standard	Standard	Standard
Motor thermal overload	Standard	Standard	Standard	Standard
Emergency off	Standard, via MCB	Standard, via MCB	Standard, via MCB	Standard, via Fuse
Warranty options	2 year parts, 1 year labour Enhanced warranty options	2 year parts, 1 year labour Enhanced warranty options	2 year parts, 1 year labour Enhanced warranty options	2 year parts, 1 year labour Enhanced warranty options

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Options available				
Remote alarm/power-off; SA00001	N/A	N/A	N/A	N/A
Low temperature pack; SA00002	N/A	N/A	Available, to -20°C	Available, to -20°C
High temperature pack; SA00003	N/A	N/A	Available, to +80°C	Available, to +80°C
Water cooled KT; SA00004	Available	Available	Available	N/A
Water cooled K1; SA00005	N/A	N/A	N/A	N/A
Water cooled K4/K6/K9/K12; SA00006	N/A	N/A	N/A	N/A
Water cooled K3 SA00007	N/A	N/A	N/A	N/A
Non-return solenoid pack; SA00008	Available	Available	Available	Available
Low flow alarm (KT); SA00010	Available	Available	Available	Standard
Onboard RS485 data protocol; SA00011	N/A	N/A	Available	Available
In-line Deionising cartridge and fittings; SA00013	Available	Available	Available	Available
Castors to replace rubber feet; SA00015	Available	Available	Available	Standard
CPC quick release connectors; SA00016	Available	Available	Available	Available
Installation kit; SA00017	Available	Available	Available	Available
UL approved version	Available	Available	Available	Available
DI water compatible	Available	Available	Available	Available
High ambient pack	N/A	N/A	N/A	N/A
Outdoor pack	N/A	N/A	N/A	N/A
Shelter pack	Available	Available	Available	Available
Service contract	Available	Available	Available	Available
Filter on outlet/inlet	Available	Available	Available	Available
Flow meter pack SA.....	N/A	N/A	N/A	N/A
Stainless enclosure	Available	Available	Available	Available