



Cooling capacity (setpoint 20°C, ambient 20°C)	K4/4500W	K6/6000W	K9/9000W	K12/14000W
---	-----------------	-----------------	-----------------	-------------------

<u>Physical attributes</u>				
Physical dimensions (LxWxH) (mm)	775x510x850	775x510x850	775x510x850	775x510x1130
Weight (kg)	125	125	125	125
Noise level (dB(A))	68	68	85	85
Toolless access	Yes	Yes	Yes	Yes

<u>Temperature control attributes</u>				
Technology	Vapour Compression	Vapour Compression	Vapour Compression	Vapour Compression
Temperature range (standard)	+4°C to +35°C	+4°C to +35°C	+4°C to +35°C	+4°C to +35°C
Control method	PID	PID	PID	PID
Temperature stability (with constant load)	±0.1°C	±0.1°C	±0.1°C	±0.2°C
Temperature resolution	0.1°C	0.1°C	0.1°C	0.1°C

<u>Water circuit attributes</u>				
System volume (L)	5	5	5.25	5.5
Pump type	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD) 4) 25L/min Centrifugal	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD) 4) 25L/min Centrifugal	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD) 4) 25L/min Centrifugal	1) 5L/min Rotary vane (PD) 2) 10L/min Rotary vane (PD) 3) 17L/min Rotary vane (PD) 4) 25L/min Centrifugal
Pump capability	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min 4) 4bar@25L/min	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min 4) 4bar@25L/min	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min 4) 4bar@25L/min	1) 6bar@5L/min 2) 6bar@10L/min 3) 6bar@17L/min 4) 4bar@25L/min
Pressure control (settable pressure relief valve)	Internal, PRV, 20-150psi*not on CF pump	Internal, PRV, 20-150psi*not on CF pump	Internal, PRV, 20-150psi*not on CF pump	Internal, PRV, 20-150psi*not on CF pump
Standard fittings	1/2" Female + 3/4" Male 3/8" + 1/2" hose barbs	1/2" Female + 3/4" Male 3/8" + 1/2" hose barbs	1/2" Female + 3/4" Male 3/8" + 1/2" hose barbs	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

<u>Electrical attributes</u>				
Option 1	1Ø, 230V, 50Hz, 13A	1Ø, 230V, 50Hz, 13A	1Ø, 230V, 50Hz, 20A	3Ø, 208V, 60Hz, 17A
Option 2	3Ø, 380-420V, 50/60Hz, 6.5A	1Ø, 208-220V, 60Hz, 11A	3Ø, 208V, 60Hz, 17.5A	3Ø, 380-420V, 50/60Hz, 12A
Option 3	Switchable (see below)	3Ø, 208V, 60Hz, 7.5A	3Ø, 380-420V, 50/60Hz, 10A	Switchable (see below)
Option 4		3Ø, 380-420V, 50/60Hz, 5A		
Option 5		Switchable (see below)		
Switchable configuration 1Ø, 115V/60Hz, 220V/60Hz, 230V/50Hz				
Switchable configuration 1Ø, 208V/60Hz, 220V/60Hz, 230V/50Hz	Yes	Yes	No	No
Fault-cleared restart mode	Specify Manual / Automatic	Specify Manual / Automatic	Specify Manual / Automatic	Specify Manual / Automatic

<u>Safety and fault indicator</u>				
Empty fluid reservoir alarm	Safety interlock	Safety interlock	Safety interlock	Safety interlock
Low fluid flow alarm	N/A	N/A	N/A	N/A
Temperature out of range alarm	N/A	N/A	N/A	N/A
Compressor HP switch	Standard	Standard	Standard	Standard
Motor thermal overload	Standard	Standard	Standard	Standard
Emergency off	Standard, via contactor	Standard, via contactor	Standard, via contactor	Standard, via contactor
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

<u>Options available</u>				
Remote alarm/power-off; SA00001	Available	Available	Available	Available
Low temperature pack; SA00002	Available, to -20°C	Available, to -20°C	Available, to -20°C	Available, to -20°C
High temperature pack; SA00003	Available, to +80°C	Available, to +80°C	Available, to +80°C	Available, to +80°C
Water cooled KT; SA00004	N/A	N/A	N/A	N/A
Water cooled K1; SA00005	N/A	N/A	N/A	N/A
Water cooled K4/K6/K9/K12; SA00006	Available	Available	Available	Available
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	Available
Onboard RS485 data protocol; SA00011	Available	Available	Available	Available
In-line Deionising cartridge and fittings; SA00013	Available	Available	Available	Available
Castors to replace rubber feet; SA00015	Standard	Standard	Standard	Standard
CPC quick release connectors; SA00016	Available	Available	Available	Available
Installation kit; SA00017	Available	Available	Available	Available
UL approved version	Available Q1 2018	Available Q1 2018	Available Q1 2018	Available Q1 2018
DI water compatible	Available	Available	Available	Available
High ambient pack	Available, to +45°C	Available, to +45°C	Available, to +45°C	Available, to +45°C
Outdoor pack	Available, to IP54	Available, to IP54	Available, to IP54	Available, to IP54
Shelter pack	Available Q1 2018	Available Q1 2018	Available Q1 2018	Available Q1 2018
Service contract	Available	Available	Available	Available
Filter on outlet/inlet	Available	Available	Available	Available
Flow meter pack SA.....	Available	Available	Available	Available
Stainless enclosure	Available	Available	Available	Available