

ADMINISTRATIVE DATA

CAD assembly dwg no.	MA544
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ATC new model name	K04
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PHYSICAL ATTRIBUTES

Physical dimensions	600 x 513 x 887.5mm
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Weight	90kg
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Noise level (dB(A))	53dB (A)
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Toolless Access	No
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TEMPERATURE CONTROL ATTRIBUTES

Refrigeration Technology	Vapour Compression
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Temperature range (standard)	+4°C to +35°C
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Control Method	PID
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Temperature stability (with constant load)	±0.1°C
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Temperature resolution	0.1°C
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WATER CIRCUIT ATTRIBUTES

System volume (l)	3L
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Pump Options	P5, P10, P17
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Pressure control (settable pressure relief valve)	Internal, PRV, 20-150psi No relief on centrifugal
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Standard fittings	1/2" BSPPF 3/8" + 1/2" hose barbs
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Standard chemical compatibility	Hexid fluid, propylene glycol, DI-water
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ELECTRICAL ATTRIBUTES

(90-264Vac, 1~/2~, 50-60Hz) U-spec	-
(230Vac, 1~, 50Hz) 0-spec	Available
(115Vac, 1~, 60Hz) 1-spec	-
(208-220Vac, 1~/2~, 60Hz) 2-spec	-
(400Vac, 3~, 50Hz) 3-spec	-
(460Vac, 3~, 60Hz) 4-spec	-
5-spec	-
(Switchable 208Vac, 1~/2~, 60Hz 220Vac, 1~/2~, 60Hz 230Vac, 1~, 50Hz) 6-spec	-
(Switchable 115Vac, 1~, 60Hz 220Vac, 1~/2~, 60Hz 230Vac, 1~, 50Hz) 7-spec	-
(208Vac, 3~, 60Hz) 8-spec	-
(208-230Vac, 1~/2~, 50/60Hz) 9-spec	Available

ENVIRONMENTAL ATTRIBUTES

Refrigeration Type	R470C
Refrigerant Global Warming Potential	1624 (GWP-AR5)

SAFETY INTERLOCKS, PROTECTIONS, STANDARDS AND INDICATORS

1st party approvals	CE
3rd party approvals	Ready to proceed with UL listing on -9spec only
Empty fluid reservoir alarm	Visual, lamp
Low flow flow alarm	Visual, lamp
Temperature out of range alarm	Visual, lamp
Compressor HP switch	Standard
Motor thermal overload	Standard
Compressor HP switch	Standard
Motor thermal overload	Standard
Overcurrent protection	Standard, via MCB
Overcurrent fault-cleared restart mode	Manual
Emergency off	Not present
Warranty options	2 year parts, 1 year labour Enhanced warranty options

OPTIONS AVAILABLE

Remote alarm/power-off; SA00001	Available
Low temperature pack; SA00002	Available
High temperature pack; SA00003	Available
Water cooled K3; SA00007	Available
Non-return solenoid valve pack; SA00008	Available
High temperature water circuit w/o heater; SA00009	Available
Onboard RS485 data protocol; SA00011	Available
Standard VFC set; SA00012	Available
In-line deionising cartridge and fittings; SA00013	Available
CPC quick release connectors; SA00016	Available
Installation kit; SA00017	Available
Mod for outdoor use; SA00020	Available
Particulate filter; SA00021	Available
Flow meter pack; SA00022	Available
Fan speed control (on/off); SA00023	Available
Fan speed control (proportional); SA00024	Available
Flow meter pack output to RS485; SA00025	Available
In-line UV decontamination; SA00027	Available
Qwikfoot kit; SA00028	Available
Stainless enclosure; SA00029	Available
De-branding of standard model; SA00030	Available
High ambient fans; SA00031	Available
Internal manifold (2-way); SA00032	Available
Frost protection; SA00041	Available
External manifold (2-way); SA00042	Available
External manifold (3-way); SA00043	Available
External manifold (4-way); SA00044	Available
External manifold (5-way); SA00045	Available
External manifold (6-way); SA00046	Available
External manifold (7-way); SA00047	Available
External manifold (8-way); SA00048	Available
External manifold (9-way); SA00049	Available
External manifold (10-way); SA00050	Available

OPTIONS AVAILABLE

Remote stop-start; SA00051

Available

Auto refill; SA00052

Available

Fluid adapters; SA00053

Available

Extra Close Control; SA00054

Available

Pressure sensor; SA00055

Available

Pressure sensor to RS485; SA00056

Available

Conductivity sensor; SA00057

Available