

Sales Reference	
Date	

ADMINISTRATIVE DATA

ATC Model Name K3
ATC G/H-Series Equivalent H03

PHYSICAL ATTRIBUTES

Physical Dimensions (mm) H 713mm, W 550mm, D 540mm
Construction Sheet steel gauge 1.5mm, Powder coated
Mounting Type Castors, 2 swivel, 2 braked (standard)
Acceptable Environment Indoors (Standard)
Dry Weight (kg) 82kg
Wet Weight (kg) 85kg
Noise level (dB(A)) at 1 meter ≤68dB(A), standard fan
Product IP Rating IP20
Toolless Access No
Enclosure Drawing Number MA165
Airfreight Send charged
Sea Freight Send charged

TEMPERATURE CONTROL ATTRIBUTES

Cooling/Refrigeration Technology Vapour compression
Compressor Type Fixed speed reciprocating
Evaporator Technology Brazed Plate Heat Exchanger (BPHE)
Duty at +20°C ambient, Setpoint +20°C (kW) 3.2kW
Refrigerant & Charge R407C, 1.1kg
Ambient Temperature Range (standard) +4°C to +20°C
Ambient Temperature Range (extended) +4°C to +35°C
Temperature Stability (with constant load) ±0.1°C
Temperature Resolution ±0.1°C

WATER CIRCUIT ATTRIBUTES

Designed Nominal Process Fluid Flowrate 10-17L/m (0.6-1m³/h)
Maximum Design Pressure 0-8bar (0-116psi)
Process Temperature Range (standard) +4°C to +35°C
Process Temperature Range (extended low temp.) -20°C
Process Temperature Range (extended high temp.) +60°C
Maximum Return Line Temperature +60°C
Pump Options P10, P17
System Volume 3.5L
Tank Type Stainless steel, header
Flow and Pressure Control Internal, PRV, 20-150psi
Connection Size ½" BSPPF
(Fittings to convert size as needed available)
Construction Materials Steel enclosure
Fluid Compatibility Hexid Fluid (Propylene Glycol)
Coolflow (Ethylene Glycol)

**K3**

SDI GROUP

Sales Reference	
Date	

ELECTRICAL ATTRIBUTES

(230Vac, 1~, 50Hz) 0-spec Available, 13A

(208-230Vac, 1~/2~, 50/60Hz) 9-spec Available

SAFETY INTERLOCKS, PROTECTIONS, STANDARDS, AND INDICATORS

1st Party Approvals CE

3rd Party Approvals Not available

Empty Fluid Reservoir Alarm Process stop interlock

Low Fluid Flow Alarm Visual, lamp

Temperature Out of Range Alarm Visual, lamp

RS485 Comms Available, See SA00011

Volt-Free Contacts (Temp, Level, Flow) Available, See SA00012

Compressor HP Switch Standard

Interlock Restored, Restart Mode Manual

Overcurrent Fault-Cleared Restart Mode Manual

Overcurrent Protection Standard, via thermal magnetic overload

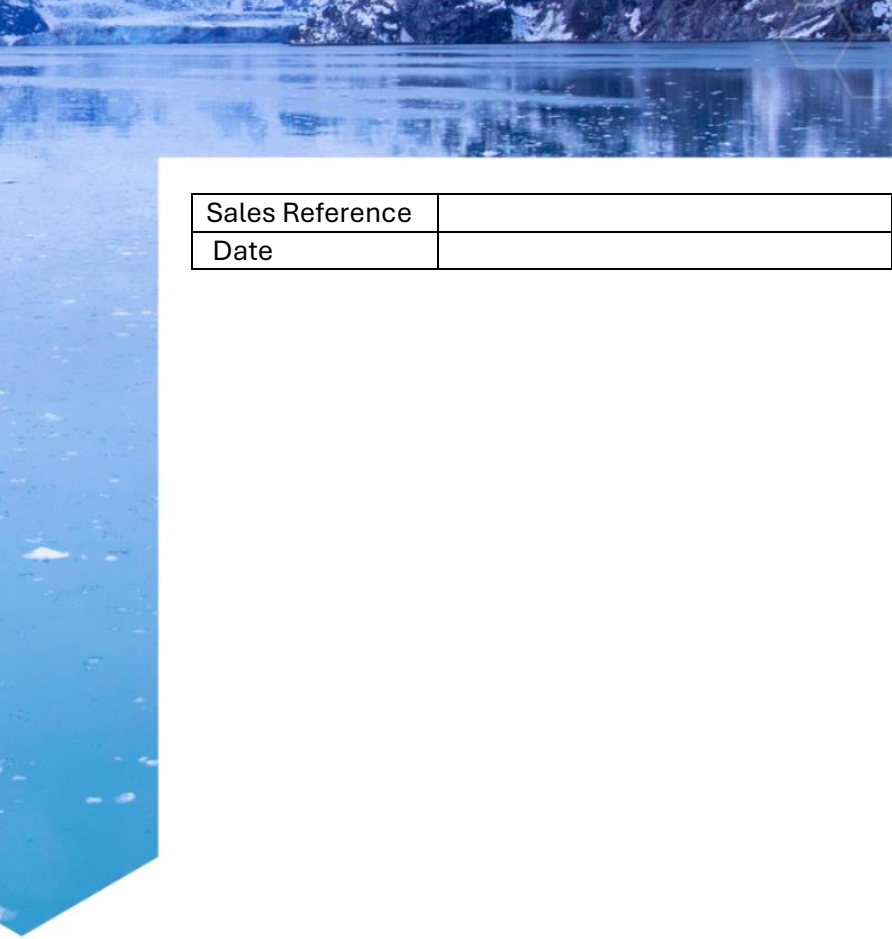
Motor Thermal Overload Internal, automatic restart

Warranty Options 2-year parts, 1-year labour

Enhanced warranty options

OPTIONS (OP Packs)

Water-Cooled Available, K3xxxx9W



Sales Reference	
Date	



K3

