

**K617009**

ADMINISTRATIVE DATA

ATC Model Name	K617009
ATC G/H-Series Equivalent	H05/H06

PHYSICAL ATTRIBUTES

Physical Dimensions (mm)	H 850mm, W 510mm, D 775mm
Construction	Sheet steel gauge 1.5mm, Powder coated
Mounting Type	Castors, 2 swivel, 2 braked (standard)
Acceptable Environment	Indoors (Standard)
Dry Weight (kg)	140kg
Wet Weight (kg)	146kg
Noise level (dB(A)) at 1 meter	≤68dB(A), standard fan
Product IP Rating	IP20
Toolless Access	No
Enclosure Drawing Number	MA097
Airfreight	Send charged
Sea Freight	Send charged

TEMPERATURE CONTROL ATTRIBUTES

Cooling/Refrigeration Technology	Vapour compression
Compressor Type	Fixed speed scroll
Evaporator Technology	Brazed Plate Heat Exchanger (BPHE)
Duty at +20°C ambient, Setpoint +20°C (kW)	6.0kW
Refrigerant & Charge	R407C, 2.3kg
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	17L/m (1m ³ /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	P17
System Volume	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 Hexid Fluid (Propylene Glycol) Coolflow (Ethylene Glycol)
Fluid Compatibility	



K617009

SDIGROUP

ELECTRICAL ATTRIBUTES

(400Vac, 3~, 50Hz) 3-spec Available, 5A

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



K617009

