

# G4 chiller



The G4 chiller is the first of its class of CFC, HCFC-free chillers from ATC. Combining a new fridge system with improvements to both the enclosure and water circuit, the G4 is a step forward in temperature control technology.



|   |   |
|---|---|
| Cooling capacity (setpoint +20°C, ambient +30°C)  | 3.5kW   |
| Physical attributes                               |   |
| Physical dimensions inc. fan/castors (LxWxH) (mm) | 600 x 513 x 887.5   |
| Weight (kg)                                       | 90kg  |
| Noise level (dB(A))                               | 53  |
| Toolless access                                   | No  |
| Temperature control attributes                    |   |
| Refrigeration technology                          | Vapour Compression  |
| Temperature range (standard)                      | +4°C to +35°C   |
| Control method                                    | PID   |
| Temperature stability (with constant load)        | ±0.1°C  |
| Temperature resolution                            | 0.1°C   |
| Water circuit attributes                          |   |
| System volume (L)                                 | 3L  |
| Pump type and capability                          | P5 5L/min@6bar (PD)<br>P10 10L/min@6bar (PD)<br>P17 17L/min@6bar (PD) |
| Pressure control (settable pressure relief valve) | Internal, PRV, 20-150psi<br>*not on CF pump                           |
| Standard fittings                                 | 1/2" BSPPF<br>3/8" + 1/2" hose barbs                                  |
| Standard chemical compatibility                   | Hexid, DI Water, Prop Glycol  |

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- Temperature range of -20C to +80C
- New fridge system
  - CFC and HCFC free
  - R290 used – 99.8% reduction in global warming potential
  - 1800x less polluting in terms of CO2
- Conforms with new legislation regarding refrigerants.
- External fill and drain ports



#### Electrical attributes

(230Vac, 1~, 50Hz) 0-spec  
 (208-220Vac, 1~/2~, 60Hz) 2-spec  
 Overcurrent fault-cleared restart mode

Available, 9A  
 Available, 9A  
 Manual

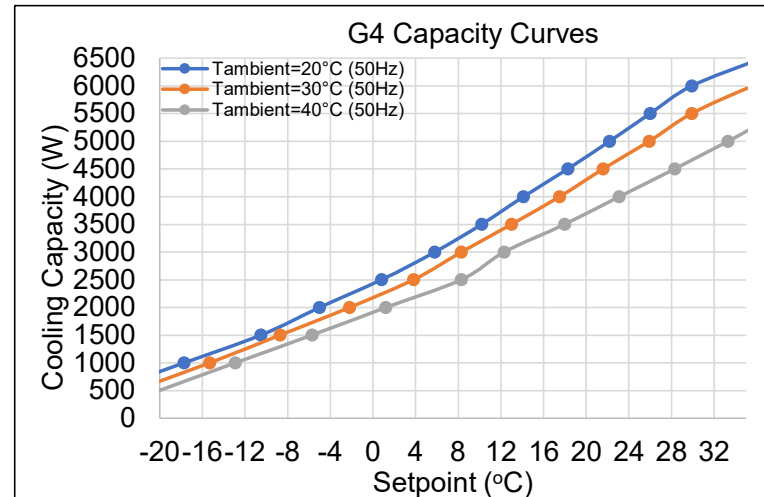
#### Safety interlocks, protections, standards and indicators

1st party approvals  
 3rd party approvals  
 Empty fluid reservoir alarm  
 Low fluid flow alarm  
 Temperature out of range alarm  
 Compressor HP switch  
 Motor thermal overload  
 Overcurrent protection  
 Emergency off

CE  
 UL/CSA ready  
 Visual, lamp  
 Visual, lamp  
 Visual, lamp  
 Standard  
 Standard  
 Standard, via MCB  
 Not present

#### Warranty options

2 year parts, 1 year labour





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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.