

U201 [water cooled]

Technical data sheet

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|--|---|
| CFC / HCFC free: | yes |
| Climate class: | SN / T |
| Ambient temperature range °C (°F): | from +10 to +32 (from 50 to 89.6) |
| Max. relative humidity: | 75% |
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| Voltage V: | 230 |
| Frequency Hz: | 50 |
| Fuse Amp: | 20 |
| Power W: | 2000 |
| Running current A: | 10 |
| Energy consumption Kwh/24h: | 8.5 |
| Heat ejection Kcal/h: | 209 [115] |
| Running time %: | 45 |
| Noise level dB(A) (in 1m height +1m distance): | 49 |
| Accu data / function time: | 12V -7.0 AH / 48 hours |
| Defrosting technique: | manual |
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| Compressor manufacturer: | Embraco / Embraco |
| Compressor type: | NT2210U / NT2210U |
| Cooling capacity W (ASHRAE): | 1180 |
| Capillary tube, inner diam x length mm (inch): | 1.24 x 3200 (0.049 x 125.98) / 1.24 x 3500 (0.049 x 137.79) |
| Refrigerant type: | R290 / R170 |
| Refrigerant quantity g (oz): | 150 (5.29) / 85 (3) |
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| Door insulation mm (inch): | 65 to 82 (2.56 to 3.23) with 20mm VIP |
| Cabinet insulation mm (inch): | 77 to 82 (3.03 to 3.23) with 20-30mm VIP |
| K value W/m ² ·K at 20°C (68°F): | N/A |
| Hold over time h at °C (°F): | 1.3 from -80 to -60°C (from -112 to -76°F), @20°C (68°F) |
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| Net volume l (cu ft): | 206 (7.274) |
| Gross volume l (cu ft): | 214 (7.557) |
| Internal width mm (inch): | 447 (17.60) |
| Internal depth mm (inch): | 713 (28.07) |
| Internal height mm (inch): | 672 (26.46) |
| Internal height for usage mm (inch): | 661 (26.02) |
| External width mm (inch): | 699 (27.52) |
| External depth mm (inch): | 1039 (40.91) |
| External height mm (inch): | 1293 (50.91) |
| Net weight kg (lbs) (with standard equipment): | 195 (429.90) |
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| EMC standards: | IEC 61326-1 |
| Safety standards: | IEC 61010-1 / IEC 61010-2-011 |
| Medical Device Directive: | 93/42/EEC |
| GMP-clean room classification: | class ISO5/EC GMP A |
| ATEX / IECEx marking: | Not applicable |

Subject to changes without prior notice !

Revision: 18/09/2020

Measurement conditions:

**Setpoint -82°C (-115.6°F) @ +25°C (77°F) ambient temperature, unless otherwise stated
All appliances without load**