



MAQUET introduces the Heater-Cooler Unit HCU 30, a completely new design concept developed to meet the needs of tomorrow. The Heater-Cooler Unit HCU 30 is the most advanced two-circuit heater-cooler system available today. The system facilitates quick and independent regulation of both patient (arterial heat exchanger and blankets) and cardioplegia temperature.

Specifications

Temperature control

- Control range: 1°C to 40,5°C
- Setting resolution: 0.1°C
- Temperature measurement accuracy: $\pm 0.3^\circ\text{C}$
- Temperatures display range: 0°C to 99°C

Cooling system

- Tank volume: 26 litres
- Initial cooling capacity: (relative 20°C) 6250 kJ
- Continuous cooling capacity: 4270 kJ/h (1186 W)

Heating system

- Capacity: (max. values) 3100 W (230 V), 1800 W (115 V), 1500 W (100 V)

Circulation system

- Flow capacity, main circuit: Approx. 21.0 l/min at zero head (adjust-able)
- Flow capacity, cardioplegia circuit: Approx. 7.0 l/min at zero head
- Maximum pressure, main circuit: Approx. 2.4 bar (adjustable)
- Maximum pressure, cardioplegia circuit: Approx. 0.9 bar

Power supply

- Mains: 200-240 V/50 Hz, 220 V/60 Hz, 100-120 V / 60 Hz, 100 V/50 Hz
- Mains fuse: 16 A (230 V)
- Power consumption: 3680 W (230 V)

Other

- Dimensions: (H x W x D) 1060 x 465 x 525 mm
- Weight Approx.: 95 kg empty, 121 kg full
- Noise level (normal operation): 38 Lpa dB

