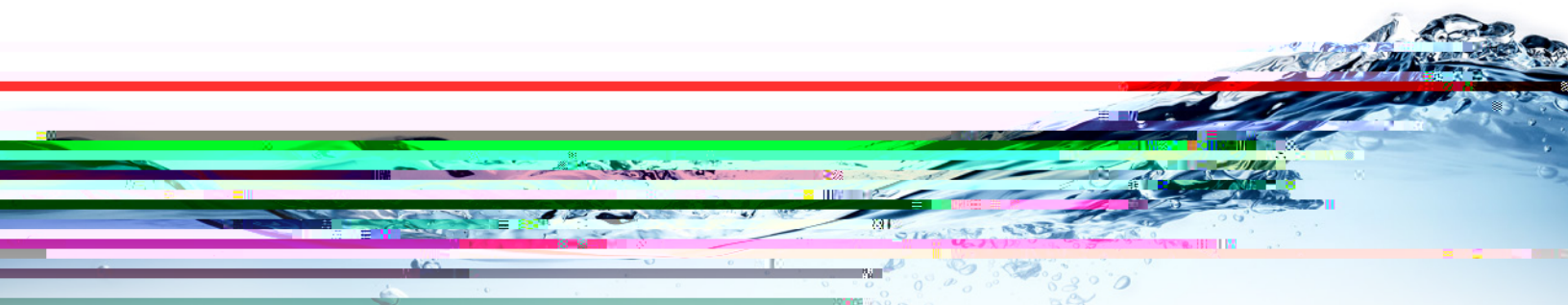


AquaA

Compliance with ISO Standards

The option AquaHT



Technical Data

Specifications

| | |
|--------------------------------------|--|
| Hemodialysis devices | Up to 35 devices @ 10 liters hot dialysis water consumption per hemodialysis system |
| Hot tank volume | 100–380 liters; adjustable |
| Hot tank storage temperature | 65–85 °C; adjustable |
| Disinfection temp. membrane | 60–82 °C; adjustable |
| Disinfection temp. distribution loop | 60–87 °C; adjustable |
| Heater output | Max. 19.5 kW temperature-controlled heater in different heating levels |
| Dimensions in mm (h × w × d) | 1840 mm × 800 mm × 1200 mm Distance between AquaA or AquaA2 and option AquaHT is 500 mm |
| Footprint in m ² | 0.96 m ² |
| Weight in kg (empty / filled) | 210 kg / max. 630 kg depends on the adjustable hot tank volume |
| Operating output pressure | Max. 6 bar |
| Operating flow | Up to 2500 L/h @ 5 bar counter pressure |
| Inlet & outlet connection | Clamp stainless steel |
| Drain water connection | Min. DN 50 tank overflow |
| Noise level | Depends on the noise level of the master system AquaA |

Electrical supply

| | |
|--|---|
| Electrical supply / three-phase current | 208 V 60 Hz; 3 / N / PE |
| Power consumption max. | 22 kVA |
| Radiated heat / loss | 0.15 kW @ standby 2.65 kW @ heat disinfection |
| Overcurrent protection (Circuit breaker rating) | 80 A @ 208 V 60Hz Tripping characteristic C, D, K, or comparable (due to high motor starting currents) |
| Type of protection against electric shock | Protection class I |
| Applied parts classification | Type B |
| Degree of water protection | Drip-proof (IPX1) |
| Leakage currents | According to ANSI/AAMI ES 60601-1 for 208 V, 60 Hz) |
| Overvoltage category | II |
| Pollution severity | II |
| Material group | IIIb |
| Operating mode | Continuous operation |

Operating conditions

| | |
|---------------------------|------------------------------------|
| Inlet water | Dialysis water |
| Atmospheric pressure | Ambient pressure: 700–1150 hPa |
| Ambient temperature range | +5 °C to +35 °C |
| Relative humidity | 20 to 80% @ 20 °C (non-condensing) |
| Installation altitude | up to 2000 m (above sea level) |

External connection options

Volt-free contacts

24 V / 1 A for the connection of external status information
Alarm, Warning, Heat Disinfection, Loop heat disinfection

Relative humidity

