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 m²	0.96 m²
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