



The CSZ HEMOTHERM Model 400MR Cooler/Heater system is used to lower/raise the blood temperature and/or maintain blood temperature, as required, through conductive heat transfer. The conductive heat transfer is accomplished through any type of Blood Oxygenator/Heat Exchanger unit, along with the use of a blanket under the patient for the re-warming phase, if desired.

- Quiet: Effectively filters and removes surgical smoke without creating additional noise in the OR.
- ValleyLab RapidVac System: Synchronize the OptiMumm Smoke Evacuator with your electrosurgical generator, so the smoke evacuator will work automatically when the generator is activated.
- Efficient: Designed specifically for use with the AccuVac Smoke Evacuation attachment to effectively capture and filter smoke directly at the surgical site.
- Convenient: Designed with an easy to read front panel and a user-friendly interface. The ULPA and prefilter are easy to access and set up.
- Compact: Integrates conveniently into the OR. The system fits directly on most Valleylab mounting carts, saving valuable OR space.
- User-Friendly: The filter life indicator is based on airflow, not just time, so you know when to replace the ULPA filter.



Specifications

Dimensions

Height: 32 in (81.3 cm)
Width: 22in (55.9 cm)
Depth: 22 in (55.9 cm)
Weight: 198lbs (89.8 kg)

Reservoir Capacity

Cool: 8 qts. (7.6 liters)
Heat: 6 its (5.7 liters)
Reservoir Fluid: Use only sterile water or water that has been passed through a filter of less than or equal to 0.22 microns.
Reservoir Opening: Easy-to-Fill
Reservoir Construction: Plastic

Flow Rate

13 Liters/Minute through self-sealing Hansen Fittings
15 Liters/Minute with flow through Hansen Fittings

Connections

12.5 PSI - Blanket Connection Quick Disconnect Fittings
1 Set ½" Hansen Fittings for Heat Exchanger
1 Set 1/8" Hansen Fittings for Blanket
1 Set ¼" Hansen Fittings for draining (on unit)
1 Additional set ½" Hansen Fittings included for tubing

Electrical Characteristics

(std) 115V, 60Hz, 16.9 amps
(opt) 100V, 50/60Hz, 20 amps
(opt) 230V, 50/60HZ, 10.9 amps
(opt) 240V, 50/60HZ, 10.5 amps

Outlet Required

115VAC units - 20 amps, AC grounded hospital grade plug
100VAC units - 20 amps, AC grounded with no plug
230VAC units - 15 amps, AC grounded with European plug
240VAC units - 15 amps, AC grounded with European plug

Current Leakage

Under 300 micro amps (100/115)
Under 500 microamps (230/240)