

Precision Temperature Control for Optimal Surgical Outcomes



The HIVA by Mediyant Technologies offers reliable and effective blood temperature management, essential for surgeries requiring controlled hyper-hypothermia, normothermia to maintain the body's temperature within the target range.

Key Features

User-Friendly Interface

Equipped with a 7-inch capacitive touchscreen, ensuring a smooth, efficient, and responsive design that makes navigation simple for healthcare providers.

Powerful Heating and Cooling

Smart electronic controls manage robust heaters and a high-performance compressor, enabling efficient water temperature management

Hygienic Open Tank Design

Allows easy cleaning, reducing the risk of cross-contamination and ensuring the highest standards of hygiene.

Benefit

Automatic Safety Features

To ensure patient safety, the heating function is disabled when the patient tank temperature exceeds a safe threshold.

Independent Temperature Control

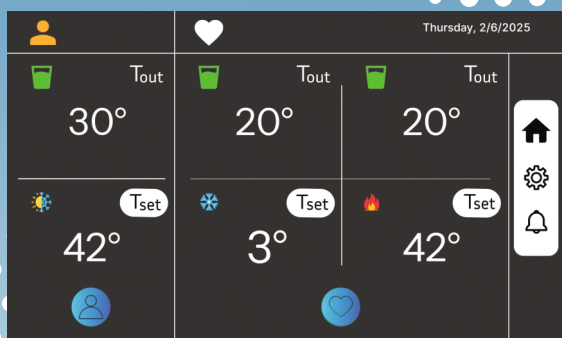
Separate water circuits for patient and cardioplegia temperature control provide flexibility and precision.

Durable and Corrosion-Resistant Construction

Built with polished stainless steel, easy to clean and highly resistant to corrosion.



**HIVA: Heater-Cooler,
Intelligent Support
for Vascular Assistant**



Specifications

Operating Voltage	220-240v, 50Hz	
Dimensions	21" W x 24" D x 29" H (53cm x 61cm x 74cm)	
Weight (Tank empty)	304 lbs. (138 kg)	
Weight (Tank full)	348 lbs. (158 kg)	
Display Panel	7' Capacitive Touch	
Heating Power	Patient Tank	: 2200W (230v-50Hz)
	Cardioplegia Tank	: 1500W (230v-50Hz)
Water Flow Rate	Patient Tank	: 9 - 14 LPM
	Cardioplegia Tank	: 9 - 12 LPM with self-sealing connectors
Quick Connect Water Fittings	Cardioplegia Water Supply Blanket Supply Arterial Heat Exchanger	
Water Cooling Temperature Range	Patient Tank	: 42°C - 2°C
	Cardioplegia Tank	: 25°C - 2°C
	Setpoint Resolution	: 1°C
Water Heating Temperature Range	Patient Tank	: 2°C - 42°C
	Cardioplegia Tank	: 25°C - 42°C
	Setpoint Resolution	: 1°C
Tank Capacity:	Total Volume	: 20 L

Mediyant
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