

# Allon™ Control Unit

Advanced solution for  
precise body temperature  
management

The Allon Control Unit offers you the ability to prevent the adverse effects of hypothermia. Enabling **precise and continuous management of body temperatures**, the Control Unit allows you to achieve true **normothermia** (36.5°C - 37.5°C), induced hypothermia and precise rewarming. The Allon System has been proven more effective than any traditional patient warming system available today.

## Allon Control Unit - How it Works

The physician types in the exact core temperature set point **and the Allon does the rest**, autonomously monitoring the condition of the patient's body temperature and adjusting the system, as required. Core and surface sensors strategically inserted and attached to the patient's body provide the Control Unit with continuous information regarding the patient's temperature, allowing the proprietary algorithms to imitate the hypothalamus function and

automatically heat or cool the water in the patient's ThermoWrap to maintain the required temperature set point. The revolutionary system actually **extracts and interprets temperature trends** enabling the unit to **proactively set water temperatures** to meet the body's temperature requirement. The unit uses the **minimal water temperature** required to reach the desired temperature.

**Read about our ThermoWrap™ models in our associated literature or contact one of our customer service representatives today.**



Thermal Wrapping with the Allon™ System

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Advanced solution for precise body temperature management



## The Allon™ Control Unit

A sleek, highly efficient and advanced compact unit that can be comfortably included in the tightest medical facilities, the Allon Control Unit uses regular tap water and is completely portable.

## T e c h n i c a l   S p e c i f i c a t i o n s

Used with: All MTRE's ThermoWrap models
Dimensions: 260mmW x 625mmD x 940mmH / 10.23"W x 24.6"D x 37.0"H (Including handle)
Weight: 35kg / 77lb
Control System: Micro Processor, closed loop control
Electrical characteristics: 230V/50Hz 120V/60Hz
Working pressure: 0.4 bar, cut off pressure 0.8 bar
Core and surface temperature sensors: YSI 400 series, disposable and reusable
Set point temperature range: 30°C - 40°C / 86°F - 104°F
Water temperature range (outflow): 13°C - 40.8°C / 55.4°F - 105.4°F
Display: Swivel display presents: core, surface and set point temperatures; alarm mute and graphic display of core temperature.
Length of Connecting tubes: 2.5m
Safety standards and certifications: IEC 60601-1, IEC 60601-2-35, IEC 60601-1-2, UL 60601-1, C 22.2
Water type: Tap water

## Allon™ Control Unit features:

- Maintains normothermia of 36.5°C - 37.5°C
- Controls induced hypothermia and provides precise rewarming
- Physician presets targeted patient temperatures
- Real time dynamic feedback loop
- Proprietary temperature management algorithms
- Supports a wide range of perioperative procedures



## O r d e r i n g   I n f o r m a t i o n

Model Number	Description
2001	Allon Control Unit
4200	Multi-use Core Sensor
4201	Multi-use Surface Sensor
4202	Core Sensor Adaptor
4203	Surface Sensor Adaptor
4204	Multi-use Infant Core Sensor



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