

# A2 Surface Warming /Cooling

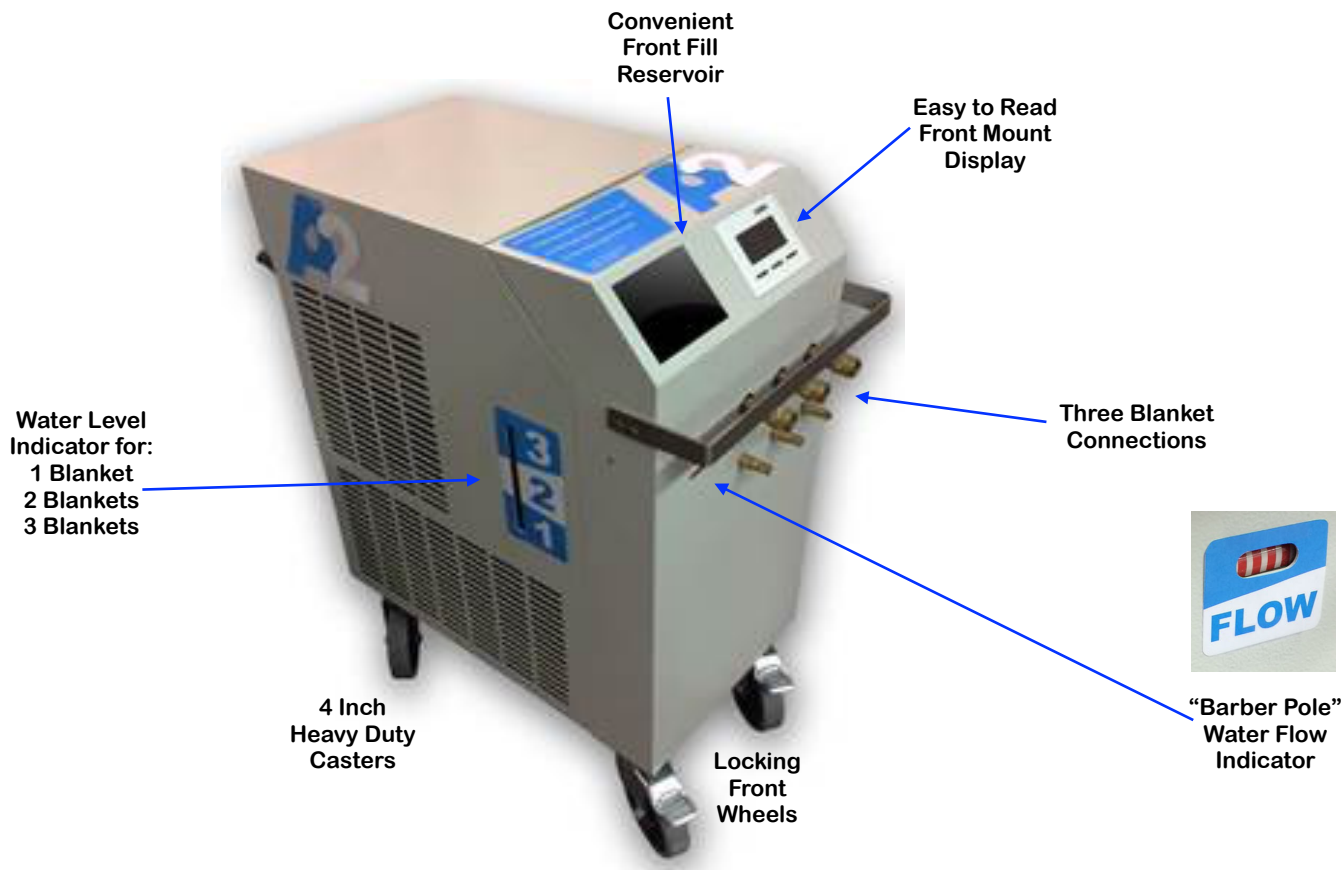


# A2

**Adroit**  
Medical Systems

**Fast, Efficient Cooling or Warming for a Variety of Applications**

The A2 is a water circulating surface warming and cooling system. The A2 is intended for use with Adroit Medical Systems' Soft-Temp® blankets. The system, along with Adroit Soft-Temp® blankets, is designed to provide an even and consistent surface temperature.



**Indications For Use**

Indications for the use of the A2 system are surface warming or cooling.

**Features**

The A2 is easy and convenient to use.

- Uses tap water.
- Self-Calibrating.
- Digital Interface with large display.
- Large reservoir opening for easy filling.
- Three internal temperature safety sensors

**Specifications**

**ENGLISH (Metric)**

Dimensions . . . . .	32 x 62 x 70 cm
Weight (empty) . . . . .	25 kg
Reservoir Capacity . . . . .	.6 l
Flow Rate (with blanket attached) . . . . .	23 GPH (1,3 l/min)
Set-Point Range . . . . .	52°F to 105°F (10°C to 41°C)
Set-Point Accuracy . . . . .	± 1°F (± 0,5°C)
Safety Limit, Primary . . . . .	108°F ± 1°F (42°C ± 0,5°C)
Safety Limit, Secondary . . . . .	113°F ± 5°F (45°C ± 3°C)
Safety Limit, Water Level	
Ambient Operating Temperature . . . . .	60° to 86°F (15° to 30°C)
Storage Temperatures (empty) . . . . .	40° to 105°F (5°C to 40°C)
Power Cord . . . . .	18 AWG, 3 conductor, 10ft (305cm)
Type	SJT with hospital grade plug
Electrical Requirements: Mains Voltage . . . . .	120 V 60 Hz
Max. Power Consumption . . . . .	650 W
Max. Current Consumption . . . . .	5,7 A
Current Leakage . . . . .	<300 microamperes
Ground Resistance . . . . .	<0.2 ohm
Cooling Power (watts) . . . . .	500 W at 20 °C and 20°C ambient
Heating Power (watts) . . . . .	(to be determined)



**Adroit**  
Medical Systems

**UL Classification Class I**

Medical electrical equipment with respect to electrical shock, fire, mechanical and other specific hazards only in accordance with IEC 60601 and Can/CSA C22.2 No. 601.1 51DF.