



## ProThermo PT-7 Data Sheet

### Operating environmental conditions

Ambient Temperature: 20 °F to 110 °F (-6.7 °C to 43.3 °F).

### Power requirements

Input voltage (AC input): 100 to 240 VAC  $\pm 10\%$

Input frequency (AC input): 50/60 Hz  $\pm 3$  Hz

Input current (AC current): 6.5 Amps at 100 VAC

Inrush current (AC inrush current): at power up shall not exceed 10 Amps

Power Consumption: 650 Watts

### Physical Characteristics

#### Physical size:

Length: 11.24"

Height: 15.2"

Width: 8.7"

Product weight with coolant: 21 lbs.

Thermal engine: Thermoelectric solid state chips driven by a digital controlled, high efficiency, variable, switching power supply.

### Thermal performance

Heating mode: Can pump greater than 400 watts to a maximum of 105°F.

Cooling mode: Can pump greater than 200 watts to a minimum of 37°F.

Temperature stability:  $\pm 1$  °F ( $\pm 0.5$  °C)

Temperature Accuracy:  $\pm 2$  °F

#### Compression mode:

Compression therapy will be available in the Cooling, Heating and Contrast modes.

Compression mode will have constant and pulsating therapies. These are defined as:

- LOW compression: constant compression with 25 mm Hg  $\pm 3$  mm Hg
- MEDIUM compression: pulsating compression from 20 – 35 mm Hg  $\pm 3$  mm Hg, 2 minute steady state interval between oscillations.
- HIGH compression: pulsating compression from 20 – 55 mm Hg  $\pm 3$  mm Hg, 2 minute steady state interval between oscillations.
- OFF: open to atmospheric pressure

Contrast mode: Oscillates between 50°F and 105°F with four cycles per hour, 20 minutes in cool and 10 minutes in heat.

Manufactured as a Class II Medical device under guide lines of UL 2601 and CSA 22.2 by:

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