

CSA/UL/IEC  
60601-1



**Series:** 1800VA North American  
**Model Number:** PM-08908-00

Plitron Manufacturing Inc. Medical PIUs (Power Isolation Units) provide the ultimate in AC power conditioning and low leakage current utilizing unique toroidal transformer technologies from PLITRON with the best surge suppression.

Medical PIUs use series-mode surge removal filters to absorb dangerous voltage surges and safely dissipate them without using failure-prone MOVs (metal oxide varistors). Also, unlike MOV-based protection, voltage surges are not shunted to ground.

### Technical Specs:

**Input Voltage and Frequency:**

Rated 120VAC, 60Hz.  
Operating Range 108-132V, 57-63Hz

**Input Current:** 15A@120V.

**Input Rear panel:**

6' long strain relief power cord with 20A Hospital-grade plug.

This product requires a 120V, 20A, supply.

**Leakage Current:** 40µA (Measured at 110% Rated Voltage)

**Load Regulation:** 5.00%

**Output voltage:** 120VAC

**Output Current:** 15A@120V

**Output connector:**

Receptacles:  
15A Duplex hospital grade

**Surge Suppression:** Surges of up to 6000volts (1.2 X 50µSec industry standard rating), with the clamping voltage onset of 172volts peak.

**Operating Temperature:** 25° C Ambient  
Maximum case temperature 55°C

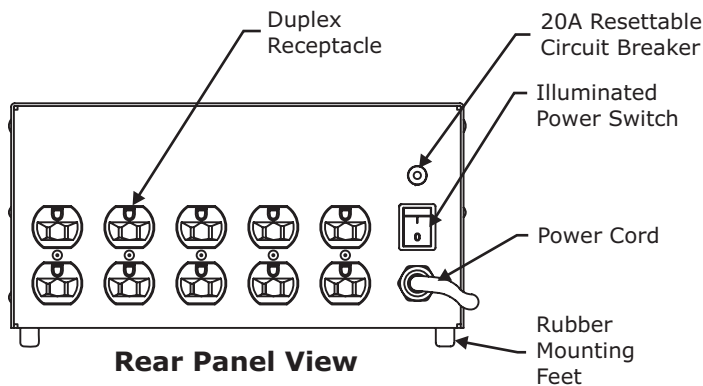
**Weight:** 67.5lbs (30.7Kg)

**Size:**

**(width x height x length)(inch):** 12.2x6.6x15.3

**(width x height x length)(mm):** 315x170x390

Dimensions are approximate.



**Applicable Regulatory Approvals**

CAN/CSA C22.2 No 0-M91	-	General Requirement Canadian Electrical Code, Part II
CAN/CSA C22.2 No 601.1 - M90	-	Medical Electrical Equipment Part I : General Requirement for Safety
CAN/CSA C22.2 No 601.1S1 - 94	-	Supplement No. 1-94 to 601.1 - M90
CSA 601.1 Amendment 2:1998	-	
UL 60601-1	-	Medical Electrical Equipment Part I : General Requirement for Safety
IEC 60601-1:1998	-	Medical Electrical Equipment Part I : General Requirement for Safety, including Amendment 1 (1991) and Amendment 2 (1995)

<b>Medical PIU</b>	PM-08908-00 Rev. 001	May 2, 2008	1800VA North American
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