## PVMS OF MEDICAL EQUIPMENT

<table>
<thead>
<tr>
<th>Clinical Specialty</th>
<th>Cardiac Surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generic Name</td>
<td>Hypo Hyper Thermia Unit</td>
</tr>
<tr>
<td>Clinical Purpose</td>
<td>Hypo Hyper Thermia unit is used for temperature control (Hot &amp; Cold) of patient during cardiac surgery.</td>
</tr>
</tbody>
</table>

## TECHNICAL SPECIFICATIONS

The Hyper hypothermia unit designed to supply temperature controlled water to oxygenator heat exchangers and cooling blankets.

The feed water temperature selected on a temperature controller in the range 5-40 °C.

One/ Two external circuits can be connected each with its own flow control.

The flow is maintained by a built in pump.

The temperature control is obtained by a three way motor valve.

Selecting water from a cooling or a heating vessel as required.

In the cooling vessel a temperature of +2 °C is constantly maintained by a refrigeration system.

Heating vessel contains an electrical heater which is automatically switched, as and when required.

Hermetically sealed compressor ½ HP.

Temperature accuracy: +/-0.5 deg/ C.

Initial cooling capacity 2100 kj/h (500 Kcal/h)

Continuous cooling cap 2800 kj/h (670 Kcal/h)

Circulating system: Pump

Flow capacity (Total) 10-16 liters/min

## Accessories:

System should be complete with all standard accessories

Optional (if any): Blankets

[Signature]