Boiler Water
Modulating valve

NOTE:
UPON LOSS OF POWER, HEATER SHUTS DOWN.

IF ORDERED WITH MODBUS COMMUNICATIONS OPTION, SEE TABLE BELOW FOR SIGNAL CONNECTIONS.
DO NOT ROUTE MODBUS COMMUNICATION WIRING IN THE SAME CONDUIT AS POWER WIRING.
MINIMUM SIGNAL CABLE LENGTH ALLOWED: 15032-50F, 9545-450FT.

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**TABLE 1**

<table>
<thead>
<tr>
<th>TEMP CONTROLLER</th>
<th>COMPUTER CONTROL CABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-132 / 75° F 15-220 / 80° F</td>
<td>32-75</td>
</tr>
<tr>
<td>GND/GND</td>
<td>5/7</td>
</tr>
<tr>
<td>RECT/RECT</td>
<td>3/2</td>
</tr>
<tr>
<td>TRANS/TRANS</td>
<td>4/3</td>
</tr>
</tbody>
</table>

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SMARTPLATE WATER TO WATER HEATER
WIRING DIAGRAM

AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

DWN. BY: GD DATE: 051199
APPD. DATE: 061199

SD-A-769 REV. E