

HEATER POWER VERSUS TEMPERATURE

The Analyzer Heater provides protection against the unit's sensor freezing in temperatures, starting at 40°F. The following table outlines the heater current drawn by the Analyzer Heater at various ambient temperatures.

| AMBIENT TEMPERATURE | HEATER CURRENT | POWER SUPPLY (VDC) | POWER IN WATTS |
|---------------------|----------------|--------------------|----------------|
| 40°F | 0.3A | 14.5V | 4.3W |
| 30°F | 0.6A | 14.5V | 8.7W |
| 20°F | 0.8A | 14.5V | 11.6W |
| 10°F | 1.0A | 14.5V | 14.5W |
| 0°F | 1.3A | 14.5V | 18.8W |
| - 10°F | 1.6A | 14.5V | 23.2W |
| - 20°F | 1.8A | 14.5V | 26.1W |

Note: This information also applies to the following AMI's legacy Gas Analyzers: **2010BR**, **210BR**, and **3010BR**.