



## Acu-Zone™ Zone Heaters

TEMPERATURE CONTROL



Acu-Zone™ heaters are specially designed to provide a constant supply air temperature at both design and very low air flows to a single Therma-Fuser™ diffuser or to larger Therma-Fuser™ VAV zones. The field adjustable supply air temperature is factory set at an optimal point for low room air stratification, approximately 90°F/32°C. For use with type -HC, VAV heating, or type -CW, constant volume heating (warmup), Therma-Fuser diffusers.

### Acu-Zone™ Heating Unit Models

**AZON-I-E**

**AZON-II-E**

**AZON-II-W**



### TECHNOLOGICALLY ADVANCED COMFORT

Experience the benefits of high tech, high quality Acutherm products

### Electric Zone Heater

- Acu-Zone™ heaters are equipped with a patented electronic air flow sensor and the most advanced modulating SCR proportional heat controller which allow the zone heater to operate at extremely low airflows. When the room temperature falls below the room mode control thermostat set point, the discharge temperature is controlled by automatically and proportionally modulating the heat to match the airflow, using the minimum amount of energy.
- Acu-Zone™ heaters may be installed either vertically or horizontally in any existing or new forced air system. The remote wall-mounted electronic thermostat accurately controls the temperature in each zone. All other controls, safeties and sensors are built in. Each Acu-Zone™ unit is ready to install with single point electrical supply and thermostat connections. Installation of the discharge air thermostat is also required for AZON-II-E models.

### Hot Water Zone Heater

- Acu-Zone™ heaters are equipped with a modulating proportional/integral/differential (PID) heat controller that prevents excessive valve cycling and allows the zone heater to operate efficiently at extremely low airflows. When the room temperature falls below the room mode control thermostat set point, the discharge temperature is automatically controlled by PID modulation of the hot water flow, using the minimum amount of energy.
- Acu-Zone™ heaters can be installed in any existing or new forced air system. The remote wall mounted electronic mode control thermostat accurately controls the temperature in each zone. Each Acu-Zone™ unit is ready to install with single point 120 volt electrical supply connection and 24 volt room thermostat and water valve connections. The discharge air sensor and five feet of wire is coiled and factory connected ready for field installation.

Models available:

### AZON-I-E ELECTRIC ZONE HEATER

- Smaller kW packaged units available in 6"/150mm, 8"/200mm, 10"/250mm and 12"/300mm round sizes to match Therma-Fuser diffuser inlet sizes.

### AZON-II-E ELECTRIC ZONE HEATER

- Larger kW custom built units available in round or square/rectangular duct sizes for multiple Therma-Fuser diffusers.

### AZON-II-W HOT WATER ZONE HEATER

- 1 row or 2 row coils with optional inlet damper.