

## TotalZone® Add-A-Zone™ (TAZ-4) Zone Control Panel

### INSTALLATION INSTRUCTIONS

### APPLICATION

The TAZ-4 is a zone panel used to add zones to the TZ-4. See Fig. 1. The TZ-4 provides up to four zones. Each TAZ-4 can add up to four additional zones for a total of 32 zones. The TAZ-4 is also compatible with the TZ-3, Rev 4.2.2, zone control panel and with the TAZ-1, TAZ-2 and TAZ-3, Rev 4, Add-A-Zone panels.

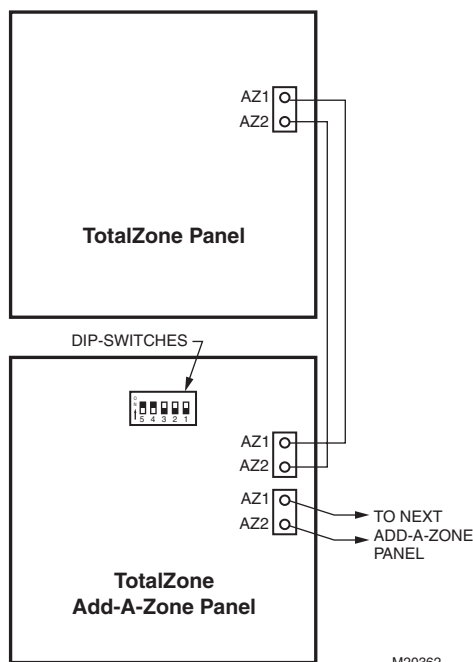


Fig. 1. TAZ-4 Zone Control Panel.

### INSTALLATION

#### When Installing this Product . . .

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the rating given in the instructions and on the product to make sure the product is suitable for your application.

3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.
5. Follow local codes for installation and application.



### CAUTION

**Voltage Hazard.**  
Can cause electrical shock or equipment damage.  
Disconnect power before beginning installation.

#### Location

Select a location for the TAZ-4 as close as possible to the Total Zone panel.

#### Mounting

Mount the TotalZone Add-A-Zone Panel as close as possible to the TotalZone Panel. See Fig. 1.

### WIRING



### CAUTION

**Electrical Interference Hazard.**  
Running cable near line voltage can interfere with panel operation.  
Run cable connecting AZ terminals at least 12 in. from line voltage wiring.

#### IMPORTANT

*Be sure AZ1 and AZ2 wires do not cross and are a minimum of 12 in. from any line voltage wiring. If not possible, use shielded cable for AZ1 and AZ2 wires.*

**NOTE:** Only two wires are required to connect the TAZ-4 panels to the main TZ-4 panel. Each TAZ-4 is wired in a daisy chain or parallel to each other, connecting the AZ1 and AZ2 terminals between panels.

Connect the AZ1 and AZ2 terminals on both panels using standard 18-gauge thermostat wire:

1. Connect AZ1 on the TotalZone panel to AZ1 on the Add-A-Zone panel.
2. Connect AZ2 on the TotalZone panel to AZ2 on the Add-A-Zone panel.



3. Connect a 24V, 40 VA transformer to terminals R and C. R is Hot and C is 24 Vac (Common). See Fig. 2.
4. If there are five to ten ARD or ZD dampers connected to the TAZ-4, wire an additional 40 VA transformer to T1 and T2. See Fig. 2.
5. Connect damper and thermostat wiring as shown in Fig. 2.

## SETUP

Each TAZ-4 panel has a set of five DIP switches. When using a TZ-4 and one TAZ-4, set DIP switches 1, 2, and 4 to off and switches 3 and 5 to on. Refer to Table 1 for other panel configurations. Identify the zones that are controlled by the TAZ-4 panel and set the DIP switches accordingly.

If the TAZ-4 is connected to a TZ-3 zone control panel, set DIP switches 1, 2, and 4 to off, and switches 3 and 5 to on. Set the switches on additional TAZ-1, TAZ-2, and TAZ-3, or TAZ-4 panels to control the zones they are wired to; but be careful that there is no duplication of zone numbers. See Table 1.

**Table 1. DIP Switch Settings.**

| Zones | Switch Positions |          |          |          |          |
|-------|------------------|----------|----------|----------|----------|
|       | Switch 1         | Switch 2 | Switch 3 | Switch 4 | Switch 5 |
| 5-8   | 0                | 0        | 1        | 0        | 1        |
| 6-9   | 0                | 0        | 1        | 1        | 0        |
| 7-10  | 0                | 0        | 1        | 1        | 1        |
| 8-11  | 0                | 1        | 0        | 0        | 0        |
| 9-12  | 0                | 1        | 0        | 0        | 1        |
| 10-13 | 0                | 1        | 0        | 1        | 0        |
| 11-14 | 0                | 1        | 0        | 1        | 1        |
| 12-15 | 0                | 1        | 1        | 0        | 0        |
| 13-16 | 0                | 1        | 1        | 0        | 1        |
| 14-17 | 0                | 1        | 1        | 1        | 0        |
| 15-18 | 0                | 1        | 1        | 1        | 1        |
| 16-19 | 1                | 0        | 0        | 0        | 0        |
| 17-20 | 1                | 0        | 0        | 0        | 1        |
| 18-21 | 1                | 0        | 0        | 1        | 0        |
| 19-22 | 1                | 0        | 0        | 1        | 1        |
| 20-23 | 1                | 0        | 1        | 0        | 0        |
| 21-24 | 1                | 0        | 1        | 0        | 1        |
| 22-25 | 1                | 0        | 1        | 1        | 0        |
| 23-26 | 1                | 0        | 1        | 1        | 1        |
| 24-27 | 1                | 1        | 0        | 0        | 0        |
| 25-28 | 1                | 1        | 0        | 0        | 1        |
| 26-29 | 1                | 1        | 0        | 1        | 0        |
| 27-30 | 1                | 1        | 0        | 1        | 1        |
| 28-31 | 1                | 1        | 1        | 0        | 0        |
| 29-32 | 1                | 1        | 1        | 0        | 1        |



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## TECHNICAL SUPPORT

For Internet access: [www.trolatemp.com](http://www.trolatemp.com) or

[www.honeywell.com/yourhome/zoning/zoning\\_home.htm](http://www.honeywell.com/yourhome/zoning/zoning_home.htm)

Call 1-800-828-8367 for zoning technical support line.

To download Zoning literature: <http://hbctechlit.honeywell.com>

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