

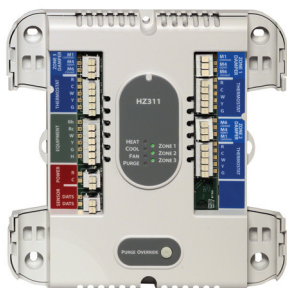
TrueZONE® for Hydronic Control



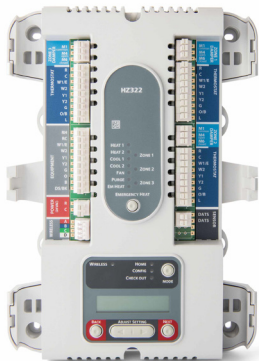
Wiring Diagrams



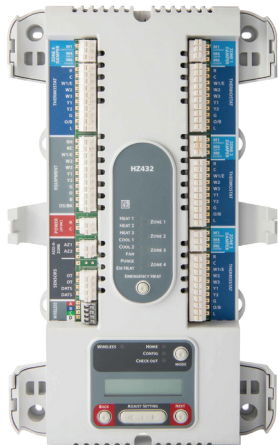
TrueZONE® panels can control zone valves and circulator relays in hydronic heating applications. This document provides helpful wiring diagrams to assist you in a variety of installation scenarios.



HZ311



HZ322



HZ432

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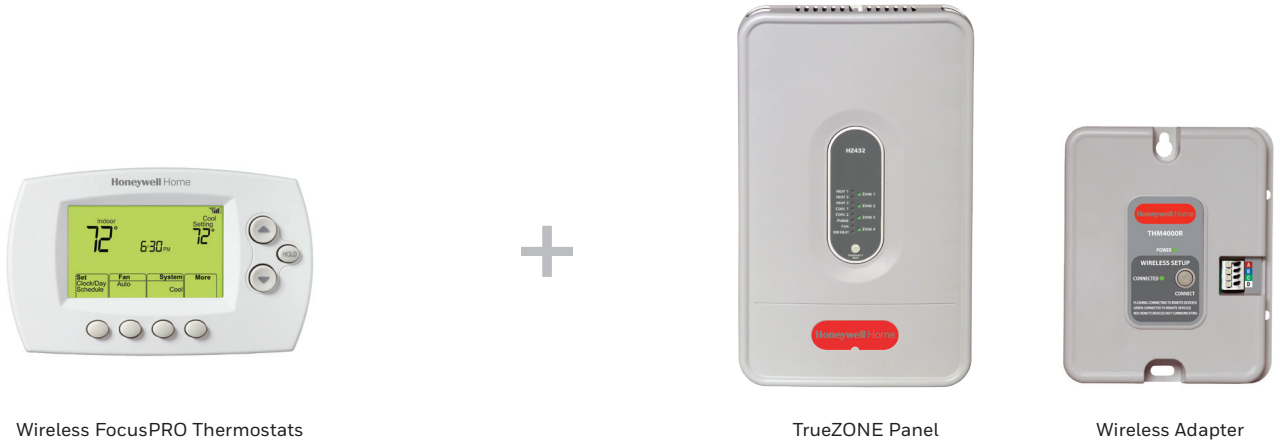
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When used with our RedLINK-enabled TrueZONE® panels, our Wireless Adapter and Wireless FocusPRO® Thermostat you can easily – and wirelessly – add hydronic zoning to a home or add more zones to an existing system. In addition, wireless hydronic zoning introduces the opportunity to increase profit with add-on accessories such as the Portable Comfort Control and Wireless Outdoor Sensor – for the ultimate in convenience and control.



Optional Wireless Accessories



TrueZONE HZ311 with Hydro-air Application

ARD OR ZD DAMPER

T(W)
T(R)
AQUASTAT

R
Y
G
FAN RELAY CENTER

L1
L2
24 VOLT TRANSFORMER

R
C
C7735A1000

1

ZONE 3 DAMPER

M1
M4
M6
R
C
W
Y
G

ZONE 3 THERMOSTAT

RH
RC
W
Y
G

HEAT
COOL
FAN
PURGE

ZONE 1
ZONE 2
ZONE 3

ZONE 1 THERMOSTAT

M1
M4
M6
R
C
W
Y
G

ZONE 2 THERMOSTAT

M1
M4
M6
R
C
W
Y
G

WIRE ZONES 2 AND 3 THE SAME AS ZONE 1.
THERMOSTATS NEED TO BE CONFIGURED TO ENERGIZE FAN IN HEAT.

PURGE OVERRIDE

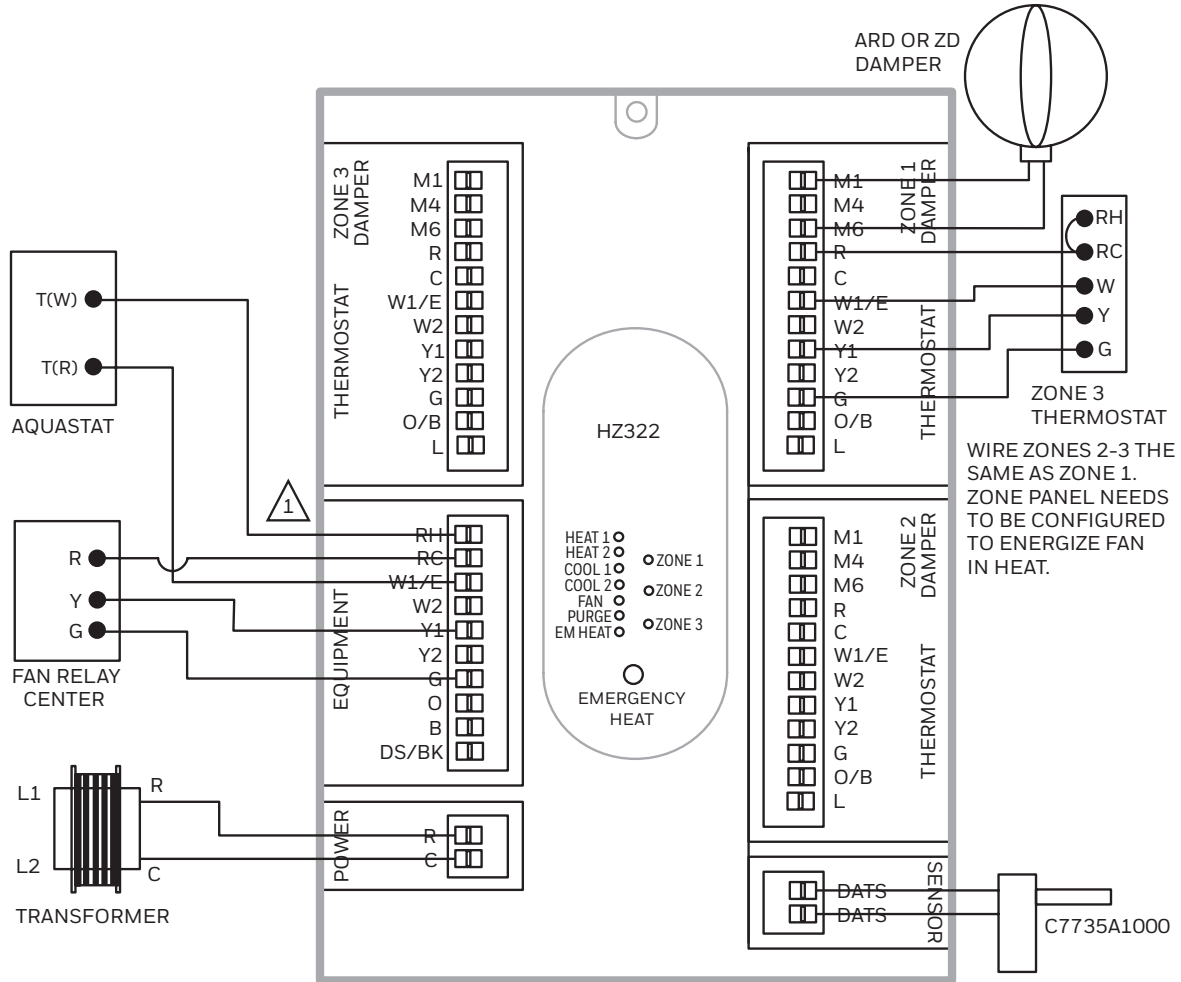
HZ311 ZONE PANEL CONTROLLING A HYDRO-AIR APPLICATION

1 REMOVE THE RH/RC JUMPER ON THE EQUIPMENT TERMINALS OF THE HZ311.

M38700

Hydro-air Applications

TrueZONE HZ322 with Hydro-air Application



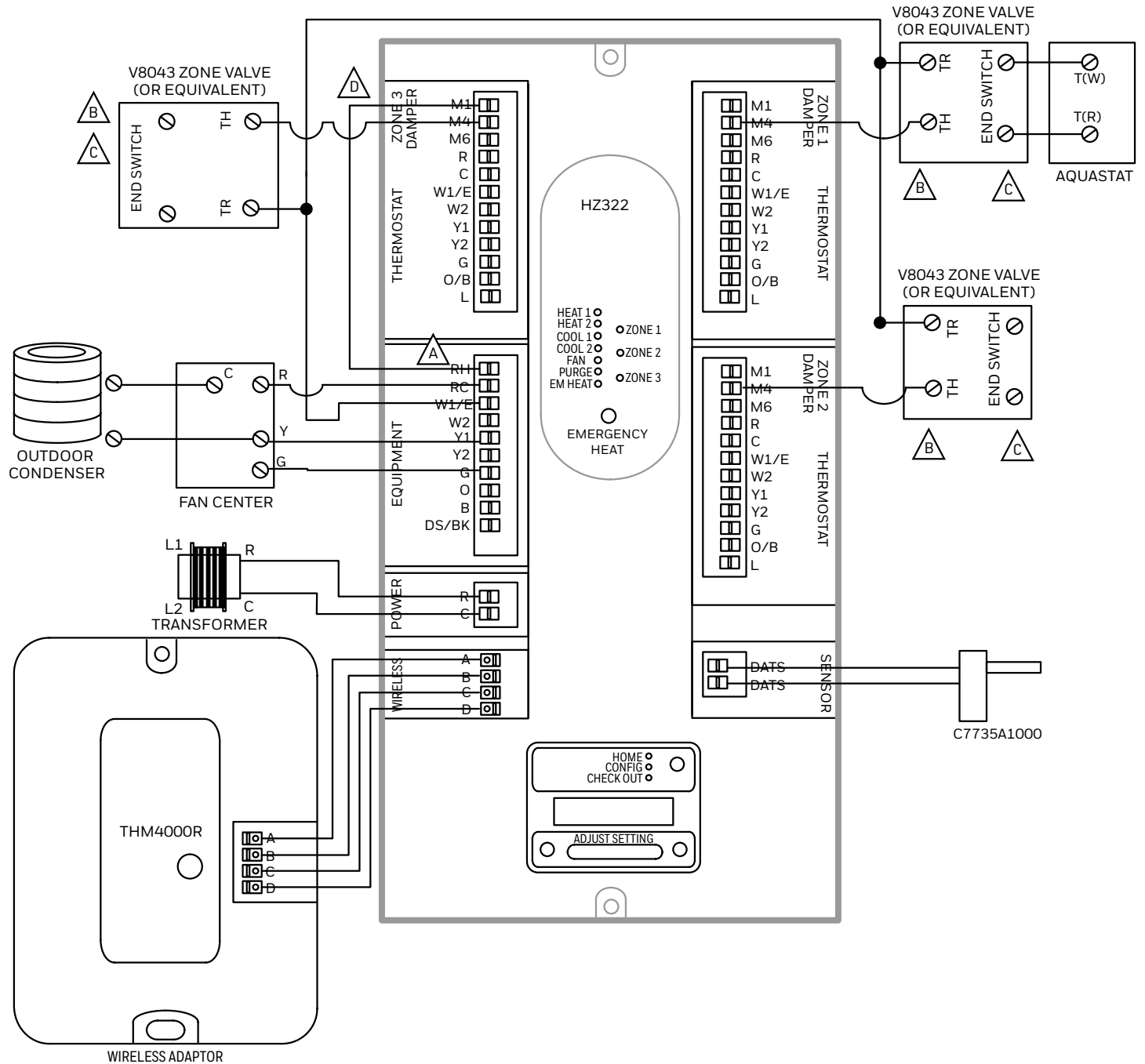
HZ322 ZONE PANEL CONTROLLING A HYDRO-AIR APPLICATION.

1 REMOVE THE RH/RC JUMPER ON THE EQUIPMENT TERMINALS OF THE HZ322.

M38701

Wireless Zone Valve Control

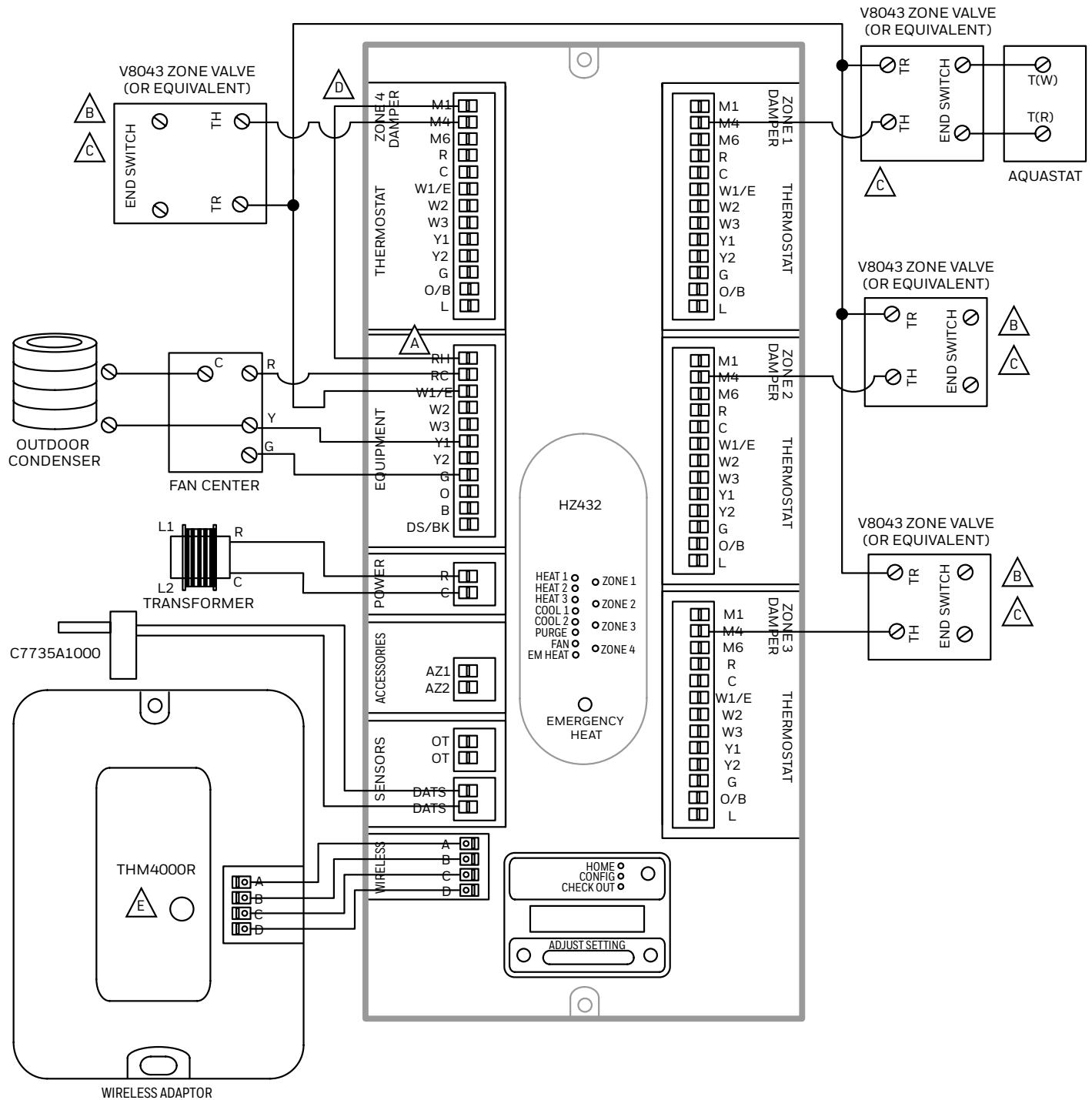
Wireless TrueZONE HZ322 with Hot Water Zone Valve control



M38705

Wireless Zone Valve Control

Wireless TrueZONE HZ432 with Hot Water Zone Valve control

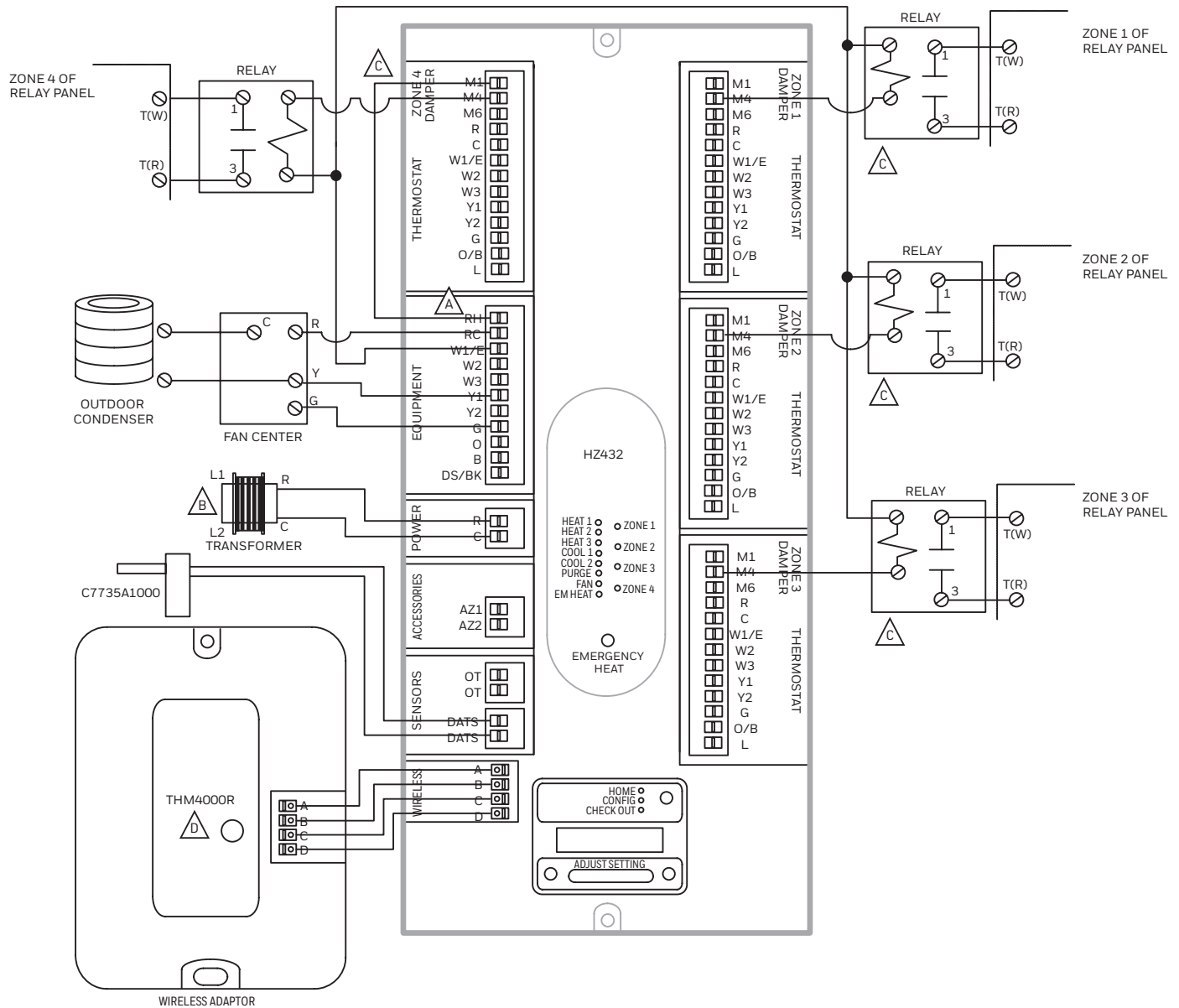


- A** REMOVE THE RH/RC JUMPER AT THE PANEL.
- B** IF THE VALVE HAS YELLOW AND RED WIRES INSTEAD OF TERMINAL CONNECTIONS, THE RED WIRES ARE THE END SWITCH, THE YELLOW WIRES ARE THE TH AND TR.
- C** WIRE THE END SWITCH FROM EACH VALVE IN PARALLEL TO THE R AND W OR T AND T AT THE AQUASTAT OR BOILER.
- D** IF COOLING IS ZONED, THE DAMPERS (NOT SHOWN), ARE WIRED AS NORMAL TO THE TRUEZONE PANEL.
- E** WHEN A THM4000R IS USED YOU CANNOT EXPAND BEYOND 4 ZONES.

M38706

Wireless Relay Panel Control



Wireless TrueZONE HZ432 with Hot Water Relay Panels









- A** REMOVE THE RH/RC JUMPER AT THE PANEL.
- B** IT IS UP TO THE INSTALLING CONTRACTOR TO DETERMINE WHAT VOLTAGE IS REQUIRED TO POWER THE TRANSFORMER PRIMARY.
- C** IF COOLING IS ZONED, THE DAMPERS (NOT SHOWN), ARE WIRED AS NORMAL TO THE TRUEZONE PANEL.
- D** WHEN A THM4000R IS USED YOU CANNOT EXPAND BEYOND 4 ZONES.

M38702

Parts needed for wireless installation

Wireless Zoning Adapter Kit	
 <p>HZ322K 3-Zone Panel Kit</p>	 <p>HZ432K 4-Zone Panel Kit</p>
One THM4000R1000 wireless adapter per system (ordered separately, or included in YTH6320R1023 kit with TH6320R1004 thermostat)	

Connects to Wireless Thermostats	
 <p>Programmable Wireless FocusPRO (TH6320R1004)</p>	 <p>Non-Programmable Wireless FocusPRO (TH5320R1002)</p>
 <p>RedLINK VisionPRO (TH8110R1008)</p>	

Optional Wireless Accessories	
 <p>Portable Comfort Control (REM5000R1001)</p>	 <p>Wireless Outdoor Sensor (C7089R1013)</p>
 <p>RedLINK Gateway for remote control via Total Connect Comfort App (THM6000R7001)</p>	

The R8222B1067 relay can be used, where required in certain installations (as shown in diagrams).

Illustrated in this document are the most common wiring diagrams for hydronic applications of the TrueZONE® control panel. It is the contractor's choice on what options make most sense for their business and customer. With the introduction of wireless hydronic zoning, this document will help create new installation solutions, as well as opportunity to earn more profit with add-on wireless accessories. For questions, please contact the Zoning Hotline toll-free at 1-800-468-1502



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