ZONE PANEL

ZD SERVES.

The zone panel is typically installed near the indoor unit, in a garage, crawl space, basement, or attic. Zone panels are often installed on the return air duct. However, in some heat pump applications, the homeowner or building occupant may require access to the panel to change SPRO BYPASS DAMPER.

into the emergency heat mode. To meet these needs, install the panel in a utility closet or other convenient area where the panel is easily accessed.

> MINISTRAL PROPERTY. CAMPERI

CATE

CHATTE

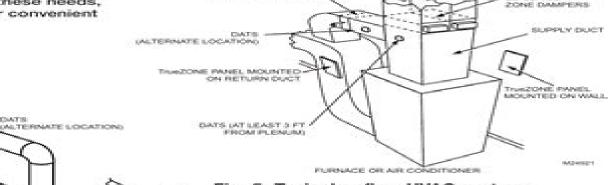


Fig. 5. Typical upflow HVAC system.

Fig. 6. Typical horizontal HVAC system.

Thermostats

Install thermostats using instructions provided with thermostat. Wireless thermostats can be used to speed installation.

Transformer

ZIONE PANEL

OWNER, MICHIGANITY

ZIONIE FIANIEL

REPLACE MAKESURATE

DUKST

Mount and wire a dedicated transformer to the zone panel. The AT140A1042 is rated to 130°F (54°C). If it is to be mounted in an attic that may get much hotter, install the AT175A1008, which is rated to provide 50 VA at 165°F (74°C). Connect power to the zone control panel after all other wires are attached.

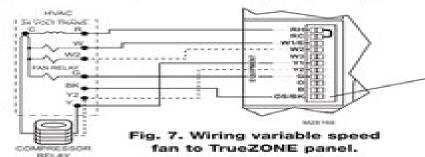
ARC

NAME OF TAXABLE

DAMAPERO

Variable Speed Fan

A variable speed fan or ECM blower changes blower speed to deliver a constant CFM regardless of static pressure. To use zoning with a variable speed fan, plan and install zoning normally, and use an SPRD or a MARD (round) damper with static pressure control (SPC) for bypass.



If using a Honeywell TrueZONE panel, the panel's DS/BK terminal is intended for use with a variable-speed fan. When one zone is calling (or less than 25% of capacity on systems with more than 4 zones), this terminal will be de-energized of 24 VAC. This reduces blower speed on most variable speed blowers.

Honeywell Zoning System Design Manual

David Kirk

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