

VENTZONE SYSTEMS™

Buy
AMERICAN ALDES



DEMAND CONTROLLED VENTILATION SYSTEMS

-  **SAVE ENERGY**
 -  **ELIMINATE NOISE**
 -  **VENTILATE ON DEMAND**
 -  **INCREASE REMOTE FAN PERFORMANCE**
-

VENTZONE SYSTEMS™

PATENT PENDING

The Most Advanced Ventilation System of its Kind

VENTZONE SYSTEMS™ by American ALDES offer dynamic zone control of ventilation system airflows. These ultra energy efficient systems

ZRT **ZONE REGISTER TERMINALS**



- Four Airflow Control Modes
- 24V or 120V Power Compatible
- Model ZTC Control Panel for 24V System
- Low-Profile Design Fits Between Floors
- Designed for 4" or 6" Duct



- Ultra-Quiet Performance
- Energy Star™ Compliant
- Fan Design Prevents Dust "Loading"
- Serviceable Without Disconnecting Duct
- Low Profile Design Fits Between Floors

eliminate unnecessary ventilation symptomatic of many popular remote fan installations, while increasing airflows where needed most. Perfectly suited for residential and commercial applications, **VentZone Systems** combine model **ZRT** demand-controlled zone register terminals and **Ventergy Series** low-energy fans to create the most energy efficient and quiet central exhaust ventilation systems available.

MODEL ZRT ZONE REGISTER TERMINALS replace individual fans

VENTERGY™ SERIES Fans



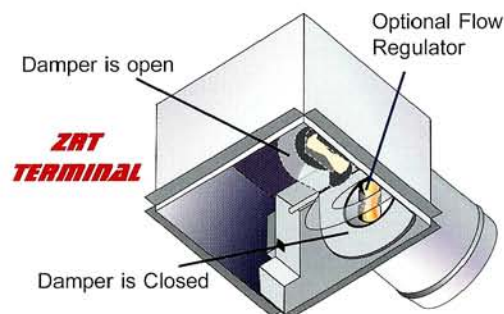
or static grilles found on other remote fans kits, and control the fan to ventilate only those areas desired. Also known as *demand-controlled* ventilation, controlling the airflow on a zone-by-zone basis saves energy and allows the use of smaller fans. For example, a single 200 cfm Model VS-6 **Ventergy Fan** can ventilate up to eight bathrooms, and even allow the full 200 cfm rate in a single room.

VENTERGY™ SERIES Fans represent years of engineering development to combine the energy efficiency and sound performance of a forward curved fan, with the durability and pressure characteristics of a backward inclined impeller fan. The net effect is a fan perfectly designed for the energy efficient **VentZone System**.

American ALDES **VentZone Systems** provide on-demand control of any size application ranging from two to 100+ exhaust terminals. See the **VentZone Systems** application manual, or consult the factory for guidance on applying this simple yet superior system.

HOW DOES IT WORK?

Each **ZRT** terminal contains a primary flow damper that opens when called upon by any switch, timer, dehumidistat, occupancy sensor, or CO² sensor. Once the damper is opened, the **ZRT** signals the fan to operate and only exhaust air from the open **ZRT**, making it ideal for intermittent bath ventilation. For low continuous exhaust ventilation, the **ZRT** terminals are fitted with a self-balancing constant airflow regulator, which allow controlled amounts of IAQ ventilation when the damper is closed. Once opened, a maximum airflow "boost" is provided by the fan.



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