

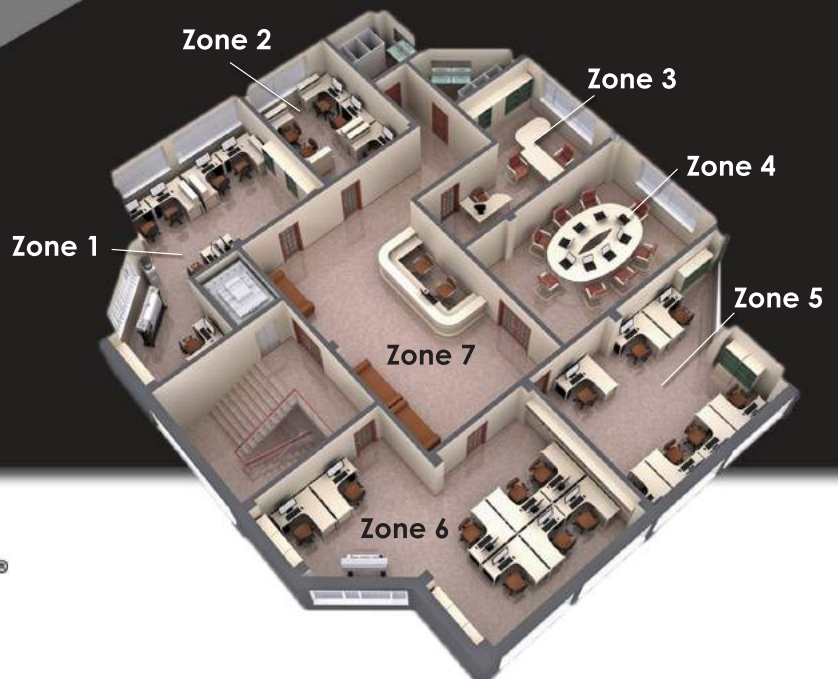
COMMERCIAL HVAC ZONING

Take a Balanced Approach of Office Temperature Control

ZONE ANY BUILDING

old or new

- Office Buildings
- Restaurants
- Hotels
- Stores
- Schools
- Nursing Homes
- and more!



ZONEFIRST[®]
Controlling Your Comfort Room By Room

The Problem

There are literally millions of light commercial buildings, offices, hotels, museums, etc, with central heating and AC systems that have only one thermostat controlling multiple rooms and offices.

The problem is, one thermostat cannot maintain the same temperature throughout the entire building. Temperature will vary room to room office to office due to location, solar gain, and variations of internal loads due to the amount of people in each room. With only one thermostat, it is impossible to fix this and many rooms and offices have no control over the HVAC. What happens? These rooms get heated or cooled air whether they want it or not.

The result, an unhappy building with people fighting over the thermostat.



VAV VS ZONING

Larger commercial buildings often have Variable Air Volume (VAV) systems controlling multiple zones on large HVAC Systems. VAV systems control the temperature in different areas of the building from single, large, central HVAC Systems. The issue is that VAV is a very expensive and complicated control system and the cost is not justified on mid-size and smaller light commercial systems. Which is where zoning comes into play.

The Solution

- A cost effective, easy to install zoning system.

Zoning uses multiple thermostats, placed into offices and rooms that will control motorized dampers in the ducts which open and close to direct the flow of conditioned air only to zones that need it.



motorized damper

- ✓ use any thermostats
- ✓ compatible with any HVAC system
- ✓ automated operation
- shut off unoccupied rooms

The Results

- Comfort
- Convenience
- Happier work environment
- Increased office productivity
- Balanced temperature
- Lower energy costs





A complete line of products and solutions to improve comfort, efficiency and indoor air quality in any new or existing residential or commercial space

25' of cord included with every damper | Easy, Plug & Play Application | Up to 10 dampers per zone



Model: **RTP**
Round Take-Off
Damper



Model: **RRP**
Retro-Round™
Insert Damper



Model: **OZD**
Outlet Zone
Damper



Model: **ZDSP**
Zone
Damper



Model: **RDP**
Round Zone
Damper

ZONEFIRST®

55 Bushes Lane - Elmwood Park, NJ 07407-3204
 Toll Free (US and Canada) 1-877-FIRSTZONE (347-7896)
 Telephone 1-201-794-8004 | Fax 1-201-794-1359
 info@zonefirst.com | orders@zonefirst.com
 www.zonefirst.com

