

Comfort System™

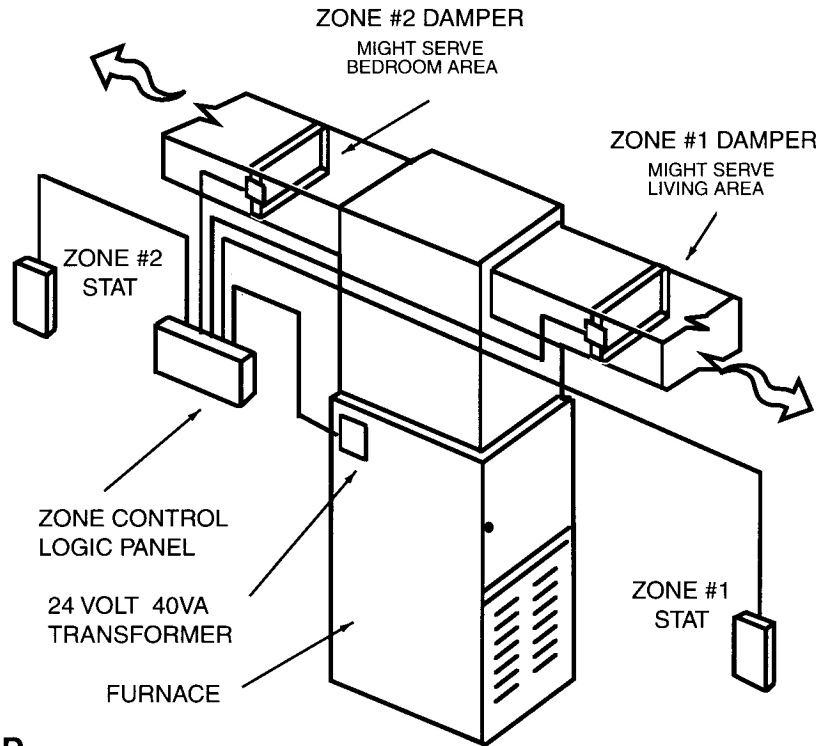
PANEL FEATURES

- CONTROLS THREE ZONES
- UP TO NINE ZONES (OPTIONAL)
- AUTO CHANGEOVER
- SNAP TRACK MOUNTING BASE
- NO SPECIAL WIRE REQUIRED
- VERY EASY TO WIRE
- NO ADJUSTMENTS REQUIRED
- DOUBLE FUSED SYSTEM
- WORKS WITH ANY THERMOSTAT
- LIGHTS SHOW SYSTEM STATUS
- NO RFI PROBLEMS

DAMPERS FEATURES

- NYLON BUSHINGS
- TWO WIRE DAMPER MOTOR
- NORMALLY OPEN, POWERED CLOSED

ZONE CONTROL SYSTEM LAYOUT



HOW IT WORKS

COMFORT SYSTEM™ IS A RESIDENTIAL / LIGHT COMMERCIAL ZONE CONTROL SYSTEM THAT ALLOWS A SINGLE HEATING / COOLING UNIT TO HAVE UP TO NINE SEPARATE ZONES. EACH ZONE IS CONTROLLED BY ITS OWN SPACE THERMOSTAT AND MOTORIZED ZONE DAMPER. IF ANY OF THE ZONE THERMOSTATS CALL FOR HEATING OR COOLING, THE ZONES NOT CALLING WILL HAVE THEIR DAMPERS DRIVEN CLOSED, AND THE ZONE (OR ZONES) CALLING WILL HAVE ITS DAMPER REMAIN OPEN. THE HEATING OR COOLING EQUIPMENT WILL ALSO BE BROUGHT ON AT THE SAME TIME. WHEN ALL ZONE THERMOSTATS ARE SATISFIED, THE HEATING OR COOLING EQUIPMENT TURNS OFF AND ALL ZONE DAMPERS WILL RETURN TO THE OPEN POSITION TO ALLOW FOR CONTINUOUS AIR CIRCULATION.

IF ONE OF THE ZONE THERMOSTATS IS CALLING FOR HEATING AND ANOTHER ZONE THERMOSTAT IS CALLING FOR COOLING, THE COOLING THERMOSTAT WILL TAKE PRIORITY AND THE SYSTEM WILL OPERATE IN THE COOLING MODE. WHEN THE THERMOSTAT THAT IS CALLING FOR COOLING IS SATISFIED, THE SYSTEM WILL CHANGEOVER AND TAKE CARE OF THE HEATING REQUIREMENT. THIS IS REFERRED TO AS COOLING PRIORITY / AUTO CHANGEOVER.

Comfort System™ IS THE LOW COST SOLUTION TO THE COMFORT YOU EXPECT