

ED ZONE SYSTEM PANEL KITS



Kit prices do not include Dampers and Thermostats.

ED microprocessor zone control panels are suitable for all 2,3 and 4 zone applications. The panels are configurable and can be used for conventional heat-cool, heat pump, dual fuel heat pump, geothermal and even hydronic and oil systems. Kits include a 24 volt 40va transformer, a control panel, and a supply air temperature sensor. The ED4 is especially well suited for applications where building codes require fresh air intake.

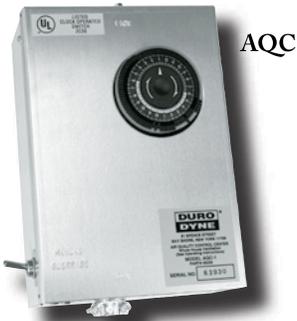
JTZ AND SMZ ZONE SYSTEM PACKAGES



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JTZ and SMZ Zone Control Packages provide, in one convenient box, all the controls necessary to install a 2 or 3 zone system. Each box contains a control panel, a 24 volt 40va transformer, and the necessary thermostats for each zone. JTZ and SMZ Zone Control Packages come in several configurations to address most two and three zone situations for both conventional Heating/Cooling Systems and for Heat Pumps.

INDOOR AIR QUALITY AND ECONOMIZERS



AQC

AQC-1 Air Quality Control Center

When tightly insulated homes have windows and doors shut, stale air is sealed in and fresh air is sealed out. Fresh air provides a healthier home and work environment. The key to eliminating moisture, bacteria, carbon monoxide and household odors is bringing fresh air indoors. The Dyna-Fresh Air Quality Control System brings outdoor air inside to make a more comfortable and healthy environment. The key component is a control panel which draws air into the home or workplace at pre-determined intervals with a 24 volt timer or manual override for continuous fresh air flow. The fresh air is drawn in through a motorized round damper. This fresh air is mixed with the indoor air already inside the heating / cooling system.

The mixture is now circulated through the ductwork while stale air is vented out through an existing ventilation (such as a bathroom exhaust fan).



EC1

EC-1 Economizer Control

The EC-1 is used in conjunction with two Duro Zone zone dampers and an enthalpy control to create an economizer package for an air-conditioning system.

At rest, (outside conditions not conducive for cooling), the return air damper will be open, the fresh air damper will be closed, and the compressor will function normally.

When correct enthalpy conditions are attained, (humidity and temperature conducive for cooling), the EC-1 will close the return air damper and open the fresh air damper. At the same time the compressor will shut down, but the fan will continue to run, drawing fresh air from outside to satisfy the cooling demand.



EC2

EC-2 Economizer Control

The EC-2 is used in conjunction with two Duro Zone fresh air 4 position dampers and an enthalpy control to create an economizer package for an air-conditioning system. The EC-2 incorporates a 4 position rotary switch to allow mixing of the outside air with return air.

At rest (humidity and temperature not conducive for cooling), the return air damper and fresh air damper will be in the position indicated on the switch and the compressor will function normally.

When correct enthalpy conditions are attained, (outside conditions conducive for cooling), the return air damper and the fresh air damper will change positions. At the same time, the compressor will shut down, but the fan will continue to run, drawing fresh air from the outside to satisfy the cooling demand.