

CONSTANT ENERGY CONSERVATION emphasis and local building code changes over the past several years have resulted in efforts to make buildings and homes more weather tight and draft free. While these efforts have been successful, eliminating outside air leakage has created another potential problem; air quality of the interior atmosphere.

Many state and local governments have become concerned that the relatively stagnant indoor air is showing increasing levels of carbon monoxide and carbon dioxide. Some states have required periodic introduction of outdoor air into the indoor environment. The *Dyna-Fresh* Air Quality Control Center coupled with a **FAMCO ADC or ADO** Spring Return Damper was designed for this purpose.

1. Fresh Air In

2. AQC-I

3. Stale Air Out

SPRING RETURN DAMPER

UL
LISTED
2C30

CSA

Dyna-Fresh
Item# 35220
AQC AIR QUALITY CONTROL CENTER
24 Hour clock timer
Simple compact design
Manual override switch
Compatible with 24 or 110 volt
Spring Return Damper
UL and CSA Listed

SPRING RETURN DAMPERS
Available in 24 volt and 110 volt models
Sizes from 5 to 12 inch diameter
Low leakage gasket design
UL and CSA Listed

1. Fresh air is drawn in from the outside and mixed with return air to be distributed by the air handling equipment.
2. The *Dyna-Fresh* AQC Control Panel coordinates the blower, exhaust fan and damper to introduce fresh air and remove stale air at user selectable 15 minute intervals.
3. Stale air is exhausted by the independent exhaust fan.