



Automated Ceiling  
Registers, LLC

**HVAC CONTRACTOR**

## **SERIES AQS 200™ AIR QUALITY SYSTEM** **A GREEN HOME PRODUCT**



ACR's comprehensive array of air quality and airflow control products now include a sophisticated microprocessor controlled indoor air quality system for the automatic control of ventilation in residential and light commercial buildings.

Use the AQS 200 to solve your mechanical ventilation needs and provide the following advantages to your company:

1. Lower your installation costs with the one piece system packaged in a single metal enclosure that mounts directly to any inlet plenum, including duct board (with optional adapter) in ten minutes or less.

2. Connect the 6-wire thermostat interface directly (no external transformer needed) to the HVAC system in minutes, press the self-test button and verify complete system operation in 20 seconds.

3. Forget all those knobs, dip-switches and complicated controls. Simply select Run time (minutes) and Wait time (minutes) from a ventilation table (**ASHRAE 62.2-2004**) on outside of enclosure. Use our product in your national builder homes and we will program the

settings in the microprocessor and eliminate the knobs. Using our optional interface converter, you can plug in your laptop or Palmtop to make adjustments if necessary and you can set all input parameters and monitor all system functions.

4. Enjoy the quiet, reliable, long life, patented valve mechanism that provides an airtight seal using a low current 24 VAC motor that replaces spring-loaded valves and is backed by a full one year product replacement warranty.

5. Select our optional air temperature and/or humidity control options to keep excessively hot, cold or humid air out of the home and make homeowners more comfortable while improving energy efficiency.

6. Add the optional Remote Panel to give your customers the feedback and control they deserve or use our interface to connect to the home automation system for direct control of all ventilation decisions.

**ACR, the technological leader in ventilation and airflow control.**

# SPECIFICATIONS

## Inputs: 6-Wire Thermostat Interface

Red = 24 VAC High\*      \*Transient & Short  
Blue = 24 VAC Neutral\*      Circuit Protected  
Green = Fan Input\*  
Brown = Fan Output\*      \*Optically Isolated  
White = Heat Mode Input\*  
Yellow = Cool Mode Input\*

## Indicators:

Power = System Indication (RED)  
Open = Ventilation Valve Open (Green)

## Input / Output Connectors:

Exhaust - Remote Valve or fan (RJ-12, 6 pin)  
Panel - Remote Panel / PC, Laptop, or Palm Interface (RJ-45, 8 pin)

## Dimensions, Weight & Power

LxWxH = 18 x 12 x 9 1/4 inches Including Mounting Flanges  
Inlet Duct Diameter = 6 inches  
Weight = 4.2# / Ship = 5.0#  
Input Power @ 24VAC = 1-3 VA

## Available Models:

201 = Timer Only  
201T = Timer + Temperature: Low = 22° F\*, High = 96° F\*  
201H = Timer + Humidity, Set at 82%\*  
201TH = Timer + Temperature & Humidity, Set as above.  
D suffix = Add Remote Panel: Open, Power, Air Quality Displays  
3-Way Switch: Manual Ventilation Cycle, Automatic Operation or Disable While Away Controls

C suffix = Includes 25 foot cable for Remote Panel

F suffix = Factory Programmed to customer requirements with knobs eliminated.

I suffix = Optional Interface converter module, specify IPC (PC) or IPM (Palm)

\*Indicates factory settings



YOUR AUTHORIZED ACR DISTRIBUTOR

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