



Automated Ceiling
Registers, LLC

COMMERCIAL HVAC

THE QUICK & EASY™ COMMERCIAL REGISTER SYSTEM

A GREEN BUILDING PRODUCT



ACR's comprehensive array of airflow control and air quality products now include a register system that eliminates hot and cold spots in commercial buildings by allowing occupants to directly control airflow in their office areas.

Use The Quick & Easy™ Commercial Register System to quickly improve comfort in your building installations and provide the following advantages to your company:

1. Lower your installation costs with the one piece drop-in system that quickly installs in a minute or less by eliminating the need to install, insulate and adjust a separate damper.

2. Connect the metal duct to the crimped collar or band the flex duct liner to the collar and then simply pull the outer duct insulation layer down until it contacts the supplied insulating blanket on the back of the metal plate.

3. Stop worrying about how many of each size of register you need. All Quick & Easy™ registers use a collar that is 8 inches in diameter. Use a duct reducer to connect smaller or larger ducts that are up to 9 inches in diameter (225 cfm max) and a short section of duct insulation to cover the reducer.

4. Forget all that insulating that you must do on the back of those old rectangular metal diffusers, because they have been eliminated.

5. If you use the manual product, all that is left to do is show the occupants how to rotate the damper to control airflow using a standard extension pole with a suction cup attached on the end. This adjustment product is another sales opportunity for your company.

6. The automated product uses 24VAC power and a control input such as a simple wall switch, thermostat (24 VAC), home automation (5VDC) or programmed wireless KEYFOB. The KEYFOB (photo on back) is a small device that looks just like your car door opener. Up to 1024 addresses are available to independently control registers in a building. Up to thirty units can be operated simultaneously by a 40VA transformer. Slave registers and zoning use a modular cable and Tee arrangement. They can follow the base register or be in the opposite (complementary airflow control) position at all times.

7. Stop customer complaints about those drafts in summer that often result in coats, sweaters or under-the-desk heaters. Eliminate those red-hot, closed-door offices in winter and become the HVAC company that really knows how to make buildings green.

ACR, the technological leader in ventilation and airflow control.

PHOTOS AND SPECIFICATIONS

Dimensions & Weight

- D x H = ABS Register: 9 1/4" x 4.125"
D / L x W x H = Collar/Plate: 8" / 23 3/4" x 23 3/4" x 4 1/16"
Weight = Ship one Manual Unit = 7#
Weight = Ship 72 (skid) Manual Units = 500#
Weight = Ship one Automated Unit = 8#
Weight = Ship 72 (skid) Automated Units = 550#

Available Models:

- 100MC = Manual Commercial Register
100AC = Automated Commercial Register
100AC3W = Automated Commercial Register with 3-wire control
100ACKF = Automated Commercial Register with wireless KEYFOB control (address = 0)
100ACKFC = As above with custom address (specify address: 0 to 1023)
100AZC = Zone Cable Kit with Register TEE's & Cables (specify no. of registers: 2-30)
LS = Local Control Switch with cover & cable
WS = Wall Switch Kit includes ACR switch cover and Switch Tee only (3-way switch and wiring not supplied) Also may be used for SPDT relay control.

Note: A 1 1/2 inch thick insulation batt with vapor barrier is supplied with all registers.



Manual Unit



Automated Unit



KEYFOB



Packaged Unit

YOUR AUTHORIZED ACR DISTRIBUTOR

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