

Control Dampers

Control dampers are designed to control pressure, temperature or flow in a HVAC system. They can be used in intake, exhaust, or mixed air applications. These dampers require operation by either manual, electric or pneumatic actuators. There are seven types of control dampers:

- Air Measuring Dampers
- Insulated Thermally Broken Control Dampers
- Heavy Duty/Industrial Control Dampers
- Volume Control Dampers
- Face and Bypass Dampers
- Manual Balancing Dampers
- Remote Balancing Dampers



Model AMD-23 and AMD-33 are AMCA Licensed for Air Leakage and Air Performance

Air Measuring Dampers

Air measuring products help meet building minimum outdoor air requirements of ASHRAE Standard 62 or California Title 24 by providing accurate monitoring and control of outside air. The AMS is an accurate airflow measuring station. The AMD series combines the function of an accurate airflow measuring station and a low leakage control damper into one compact assembly.

Model	Best Available Program
AMD-23, 33, 42, 42V; AMS	10 Days

82



Model ICD-44 and ICD-45 are AMCA Licensed for Air Performance, Efficiency and Air Leakage

Insulated Thermally Broken Control Dampers

Insulated thermally broken control dampers were developed for applications where it is necessary to minimize the transfer of heat or cold penetration and reduce condensation. Model ICD-44 features a thermally broken, insulated blade. ICD-45 features a thermally broken, insulated frame and blade. The ICD series meets the IECC (International Energy Conservation Code) requirements with a leakage rating of 3 cfm/ft² at 1 in. wg or less.

Model	Best Available Program
ICD-44, 45	5 Days



Heavy Duty/Industrial Control Dampers

Heavy duty/Industrial control dampers have a heavy duty flanged frame designed to regulate airflow and provide shutoff in HVAC or industrial process control systems. They are available in 3V, airflow or round blade styles. The HCD series is designed for applications with pressure up to 45 in. wg and velocities up to 6000 fpm. HCDR series is designed for applications with pressure up to 20 in. wg and velocities up to 6500 fpm.

Model	Best Available Program*
HCD-120, 130, 135, 140, 220, 230, 240	5 Days
HCDR-050,150, 250, 350, 351	10 Days

*Mill finish