

Zone Control Dampers

Modulating Automatic Round Dampers (MARD)



The Modulating Automatic Round Damper is a round damper with a 24-Vac, floating-control type modulating motor for bypass and zone damper control.

- Uses 90-second open to closed motor
- Can be used as a zone damper
- ML6161 is replacement motor
- Available in 6, 8, 10, 12, 14, 16, and 18 in. diameter sizes
- Used with Static Pressure Control (SPC) for bypass applications

Application: Motorized Bypass or Zone Damper

Voltage: 24V

Motor Type: Floating

Wires to Motor: 3

Motor Timing: 90 seconds

Product Number	Shape	Size (in.)	Motor Mount	Description
MARD6/U	Round	6 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD8/U	Round	8 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD10/U	Round	10 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD12/U	Round	12 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD14/U	Round	14 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD16/U	Round	16 in. Diameter	Top; Side	Power Open, Power Close Damper
MARD18/U	Round	18 in. Diameter	Top; Side	Power Open, Power Close Damper

Retrofit Round Damper (RRD)



The RRD is a round damper that is easily inserted into rigid round ducts for retrofit zoning in forced air heating and cooling systems. It is available in four sizes for use in 5 in., 6 in., 7 in., and 8 in. ducts. The damper is used with Honeywell HZ221, HZ311, HZ322, HZ432 and similar zone control systems. The power open, power closed actuator draws 2 VA allowing multiple dampers per zone, but delivers high torque for reliable operation.

- Easy slide-in installation
- 2 VA allows for many dampers on one zone
- Available in 4 sizes to fit most rigid round branch ducts
- Quiet, long life motor automatically shuts itself off in full open and closed positions
- Gaskets around blade and under motor housing for low internal leakage and very low external leakage
- Range stops with easy adjustment from top of motor
- Easy to see and reliable mechanical blade position indicator
- Easy to hook up with conventional thermostat wire
- Simple manual blade positioning with push button gear release

Application: Zone Damper

Voltage: 24V

Wires to Motor: 3

Motor Timing: 90 seconds

Other Motor Information: Range stops

Product Number	Shape	Size (in.)	Motor Mount	Motor Type	Description
RRD5/U	Round	5 in. Diameter	Direct connection to damper shaft	Power open/Power close	Retrofit Round Damper
RRD6/U	Round	6 in. Diameter	Direct connection to damper shaft	Power open/Power close	Retrofit Round Damper
RRD7/U	Round	7 in. Diameter	Direct connection to damper shaft	Power open/Power close	Retrofit Round Damper
RRD8/U	Round	8 in. Diameter	Direct connection to damper shaft	Power open/Power close	Retrofit Round Damper