

Automatic Round Damper (ARD)



Honeywell Automatic Round Damper power-close, spring-open models ensure low leakage while controlling circulating air in heating, cooling and ventilation systems.

- Features galvanized steel with single-blade damper, which closes off tightly against gasket for minimal leakage
- Designated as power closed/spring return open damper for use with Honeywell Zoning Systems
- Can be field-converted when used as an independent zone or for fresh air intake
- Rated to operate up to 1-inch wc
- Available in 5- to 10-inch, 12-, 14-, 16-, and 18-inch diameter sizes

Applications: Zone Damper

Motor Timing: 30 seconds power open/10 seconds spring return

Voltage: 24V

Wires to Motor: Terminals: M1-Power; M6 Common; M4 (optional)-LED indication

Other Motor Information: Simplified range stops

Material Number	Shape	Size	Motor or Actuator Mounting	Damper Type	Motor	Description
ARD5TZ/U	Round	5 in.	Side or Top	Single-blade, round	Power closed, spring open	5 in. Round Automatic Damper, Spring Return
ARD6TZ/U	Round	6 in. diameter (152 mm diameter)	Side or Top	Single-blade, round	Power closed, spring open	6 in. Round Automatic Damper, Spring Return
ARD7TZ/U	Round	7 in.	Side or Top	Single-blade, round	Power closed, spring open	7 in. Round Automatic Damper, Spring Return
ARD8TZ/U	Round	8 in. diameter (203 mm diameter)	Side or Top	Single-blade, round	Power closed, spring open	8 in. Round Automatic Damper, Spring Return
ARD9TZ/U	Round	9 in.	Side or Top	Single-blade, round	Power closed, spring open	9 in. Round Automatic Damper, Spring Return
ARD10TZ/U	Round	10 in. diameter (254 mm diameter)	Side or Top	Single-blade, round	Power closed, spring open	10 in. Round Automatic Damper, Spring Return
ARD12TZ/U	Round	12 in. diameter (305 mm diameter)	Side or Top	Single-blade, round	Power closed, spring open	12 in. Round Automatic Damper, Spring Return
ARD14TZ/U	Round	14 in. diameter (356 mm diameter)	Side or Top	Single-blade, round	Power closed, spring open	14 in. Round Automatic Damper, Spring Return
ARD16TZ/U	Round	16 in.	Side or Top	Single-blade, round	Power closed, spring open	16 in. Round Automatic Damper, Spring Return
ARD18TZ/U	Round	18 in.	Side or Top	Single-blade, round	Power closed, spring open	18 in. Round Automatic Damper, Spring Return
ARD20TZ/U	Round	20 in.	Side or Top		Power closed, spring open	20 in. Round Automatic Damper, Spring Return

EARD TrueZone Fresh Air Damper



The EARD is a round damper with a 24 Vac powered-open/spring-closed motor. It is used for fresh air intake for ventilation or for combustion makeup air.

- Adjustable damper position range stops.
- Single-blade damper.
- Shipped as power open/spring return closed damper.
- Galvanized steel.
- Quiet operation.
- Can be field-converted to power closed/spring return open damper.
- Blade closes off tightly against gasket for minimal leakage.
- Male (crimped) and female (uncrimped) ends to connect to any rigid or flexible round duct.

Shape: Round

Used With: Honeywell Ventilation Systems

Motor Timing: 30 seconds power closed/10 seconds spring return

Voltage: 24V

Wires to Motor: Terminals: M1-Power; M6 Common

Other Motor Information: Simplified range stops

Material Number	Application	Size	Motor or Actuator Mounting	Damper Type	Motor	Description
EARD6TZ/U	Zone Damper	6 in. diameter (152 mm diameter)	Side or Top	Single-blade, round	Power open, spring closed	6 in. Round Fresh Air Damper, Spring Return
EARD8TZ/U	Ventilation Damper	8 in. diameter (203 mm diameter)	Side or Top	Single-blade, round	Power open, spring closed	8 in. Round Fresh Air Damper