

PROJECT:

LOCATION:

ENGINEER:

SALES ENGINEER:

ARCHITECT:

CONTRACTOR:

DATE:

**APPLICATION AND DESIGN:**

The Model RI was developed in response to automation controls companies need for a damper with the flexibility to mount various manufacturers actuators and controls.

**SHAFT:**

1/2" round solid aluminum (thru 30")  
3/4" round solid steel (32" thru 46")

**BEARING:**

Bronze oilite (175°)

**BLADE SEALS:**

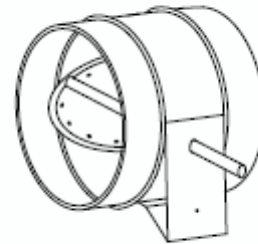
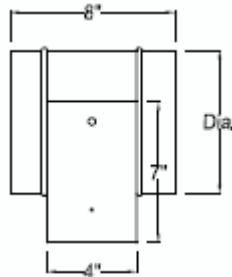
Crosslinked closed cell ( 200° F)

**MOUNTING PLATE:**

20 ga. galvanized steel

**OPTIONS:**

- Stainless steel body, blade, shaft and quadrant
  - Silicone Blade Seal (400° F)
  - All aluminum construction w/ steel plated quadrant
  - Nylon 6/6 bushing (for aluminum construction)
  - Extended quadrant 2"
  - Factory furnished and mounted actuator
  - Motor and/or control enclosure
  - Stainless steel bearings (1500° F)
  - Silica Seals (1000° F)
- Heavier Gauges:
- 16 ga
  - 14 ga



**MODEL RI**  
approx. 1/8" o.d. oversized

MAXIMUM VELOCITY		
DIAMETER	FPM	MAX. PRESSURE DIFFERENTIAL
4 - 8"	2600	6"
10 - 12"	2400	5"
14 - 18"	2300	4"
20 - 24"	2300	3"
26 - 30"	2200	2-1/2"
32 - 46"	2000	1-3/4"

DIAMETER	LENGTH	BODY & BLADE
4 - 10"	8"	24 ga.
12 - 18"	8"	20 ga.
20 - 30"	8"	20 ga.
32 - 46"	8"	18 ga.

## SCHEDULE

ITEM	QTY	MODEL	REFERENCE

NOTES:  
ALL DIMENSIONS ARE IN INCHES.