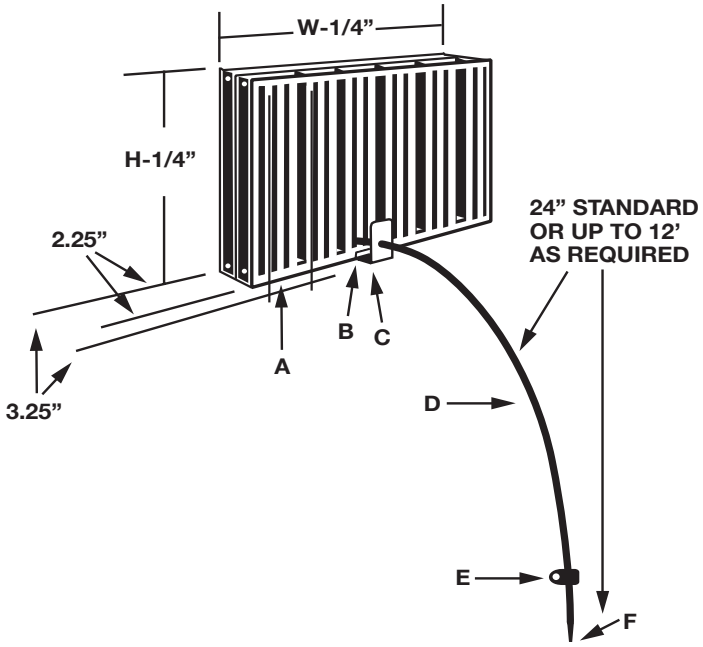
The RT-100 Series III Submittal Data

Project:		Date:
Architect:	Engineer:	Contractor:



Standard Frame Multi-Sectional Dampers (Undersized)
Number of operators per section
- Less than 20”-1 operator
- Greater than 20”, less than 32”-2 operators
- 2 sections wide: width ½” undersized, height ¼” undersized
  - Ordered Damper 32”+ wide. Max width 64”. Over 64” wide has three sections, 3/4” undersized overall.
- 2 sections high: height ½” undersized, width ¼” undersized
  - Ordered Damper 18”+ high
- 4 sections: ½” undersized all area
  - Ordered Damper 32”+ wide and 18”+ high

Design & Materials
A. Extruded aluminum opposed blade damper–spring loaded to hold setting. Field screw to duct.
B. Rotary actuated damper accepts cable.
C. Extruded aluminum bearing bracket snap-fits to frame for one piece installation.
D. Cable lengths as required up to 12’. 1/4“ galvanized steel rotary cable.
E. Nylon cable clamp for field furnished with 5/16” hex self-drilling screw.
F. Male square rotary cable end adjusts with a standard hex nut driver (by others) or the MAT square nut driver. Optional: thin-blade screwdriver adjusted cable tip.

Features
- Cable minimum turn radius = 4”.
- Operating temperature limits = -40° to 240°F.
- Maximum recommended velocity = 1800 FPM (50 NC).
- No linkages or cable to adjust.
- No small loose parts to get lost.
- Dampers may be used in any plane or reverse aspect ratio.
- Single operator size limits: 6”x4” thru 20”x18”.
- See Model RT-150 for round damper units.

Stocked Sizes (5 day shipping)

6”x6”	10“x4”	12”x4“	12”x8”	16“x6”	24”x6”
8”x6”	10”x6”	12”x5”	14”x6”	16”x8”	
	10”x8”	12”x6”	14”x8”	18”x6”	

US Patent #5,702,298 Canadian Patent #2,185,311

Locati on/System	Qty	Duct WxH Nominal	Cable Length	Termination

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Represented by:

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