

# ***RUSKIN*** ***LABOR*** ***SAVERS***

*Fire, Smoke  
& Combination  
Fire/Smoke  
Dampers*



*The contractor guide to save time and money*

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# Save Time Save Money Save Now!

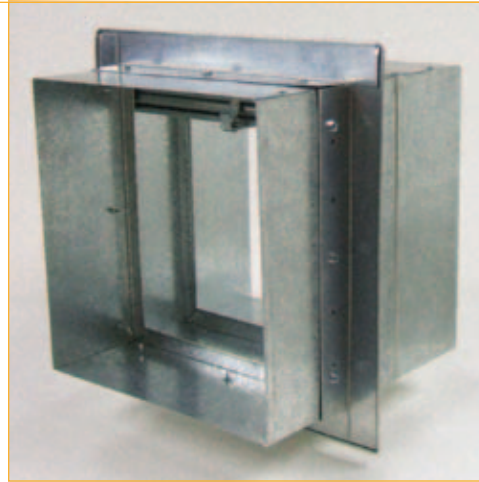
Ruskin Labor Savers are UL approved products and installation methods for fire, smoke and combination fire/smoke dampers that save contractors money.

Labor Savers can be ordered in three different categories:

- Installation Aids
- Application Solutions
- Installation Options
- **Labor Savers – Installation Aids**  
Supplied with each damper to reduce the handling time at the job site.
- **Labor Savers – Application Solutions**  
Dampers that have been specifically engineered for unique applications.
- **Labor Savers – Installation Options**  
Specialized UL approved installation methods that go beyond standard installations.

Ruskin products are made to exacting standards and specifications, and are supported by a technical sales force in every major city nationwide. And, with the Ruskin Express Program we can guarantee your delivery.

## #1 LABOR SAVER



### ONE SIDE ANGLE INSTALLATION

- Ruskin FAST Angles
- One piece angle shipped with the damper
- Available in 1-1/2" or 2-1/2"
- Metal, wood and masonry walls/floors
- Permits damper installation before or after drywall installation
- Approved for all Ruskin fire, smoke and fire/smoke dampers

## #2 LABOR SAVER



### INTEGRAL AND FACTORY SLEEVES

- Delivered to jobsite and ready to install
- Many sleeve lengths and gauges
- Eliminates field sleeves and special handling



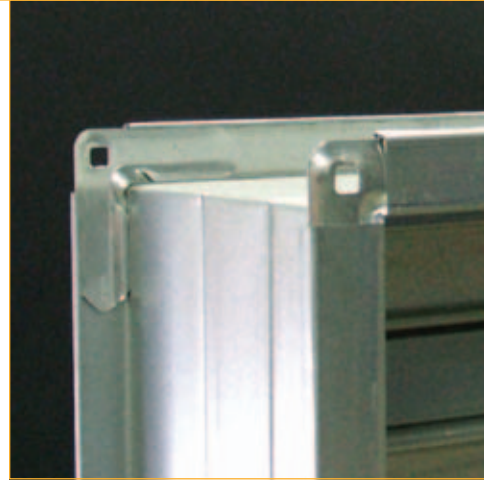
## #3 LABOR SAVER



### FACTORY ASSEMBLED INTEGRAL SLEEVE

- Fewer pieces to handle with multiple sections
- Angle option around entire perimeter
- Assembled for larger openings

## #4 LABOR SAVER



### UNIVERSAL FLANGE BREAKAWAY CONNECTIONS

- Breakaway connection with bolted corners and metal cleats
- Breakaway connection with Butyl or Neoprene gaskets
- Factory installed onto the sleeve
- Available on all fire, smoke and combination fire/smoke dampers

## #5 LABOR SAVER



Damper shown with factory mounted TDF Flange

### INTEGRAL ACCESS DOORS FACTORY INSTALLED

- Factory installed between damper and duct connection
- Correct placement of access doors
- Available with all fire and combination fire/smoke dampers

## #6 LABOR SAVER



### S-AND-DRIVEMATE BREAKAWAY CONNECTIONS

- Ruskin's Drivemate #14880
- Factory hemmed sleeves complement drive mate
- Easy to use, worry free connections that stay joined

## #7 LABOR SAVER



### RUSKIN TAGGING AND PACKAGING OPTIONS

- Factory packaged by floor or area to eliminate sorting by hand at job site
- Speeds handling of larger orders
- No additional cost

## #8 LABOR SAVER



### INSTALLATION AND AIRFLOW IN ANY DIRECTION

- Combination fire/smoke, and smoke damper flexibility
- Bi-directional airflow
- Ability to rotate dampers for actuator access

# APPLICATION SOLUTIONS

## #9 LABOR SAVER



### FDR25 AND FSDR25 TRUE ROUND DAMPERS

- Retaining plate one or two sides approved
- Easy installation in round or square openings using cinch plate(s)
- Wood or metal stud walls and masonry walls/floors
- Shipped complete with integral sleeve
- Lower cost than square to round transitions

## #10 LABOR SAVER



### FRONT ACCESS COMBINATION FIRE/SMOKE DAMPERS

- Designed for corridor or shaft wall applications
- Permits Front Access to actuator through grille
- Installs from one side of wall
- Low height dampers
- Shortest assembly depth in the industry
- Does not require retaining angles

## #11 LABOR SAVER



### DAMPERS FOR GRILLE INSTALLATIONS

- Opening size up to 90" x 48"
- Metal or aluminum grilles or louvers
- Transfer openings installation
- Angle one side installation

## #12 LABOR SAVER



### CORRIDOR DAMPERS

- Protection for tunnel corridor applications
- Through penetration or grille termination installations
- May be installed in walls as standard combination fire/smoke damper
- Through the grille access to actuator

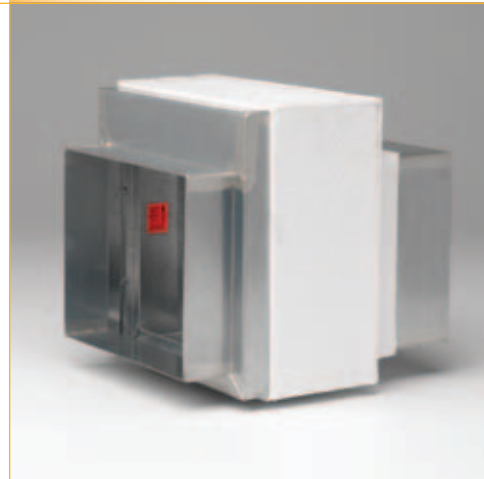
## #13 LABOR SAVER



### GRILLE ACCESS DAMPERS

- Permits access to the actuator through grille
- Installs completely from one side of wall
- Does not require retaining angles

## #14 LABOR SAVER



### OUT OF WALL DAMPERS

- Ideal for renovation and bringing projects up-to code
- Retaining angles required on one side only
- Wood or metal stud walls and masonry walls/floors

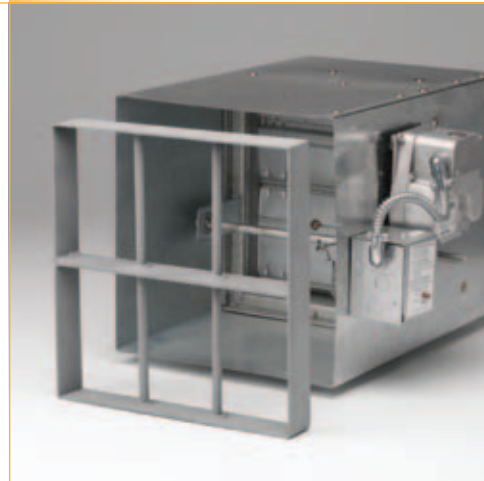
**#15** **LABOR SAVER**



**SMOKE DETECTORS**

- Available in **Flow** or **No Flow** detectors
- Factory mounted on smoke or combination fire/smoke dampers
- Wired for single point connection
- Can be shipped loose

**#16** **LABOR SAVER**



**SECURITY BARS**

- Available with fire, smoke and combination fire/smoke dampers
- Available in 1/2", 3/4" and 1" diameter bars
- Factory installed

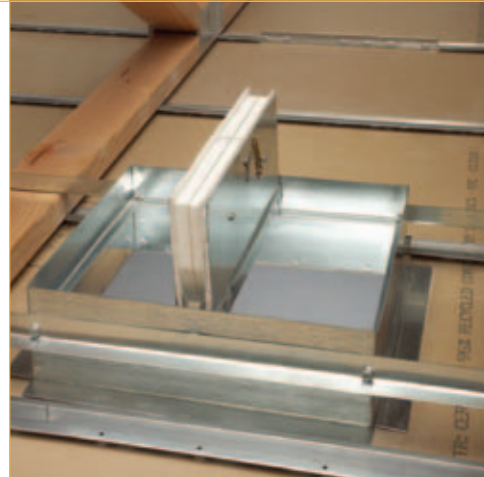
**#17** **LABOR SAVER**



**DAMPER TEST SWITCH DTS**

- Eliminates field wiring to a remote panel
- Allows easy testing of the dampers during installation and commissioning
- Continues to save during required inspection and testing though the life of the building

**#18** **LABOR SAVER**



**WOOD TRUSS RADIATION DAMPERS CFD7(T)**

- Wood truss or joist construction
- Factory or field supplied plenums
- Assembly designed to except grills with up to 2 1/2" grille depths
- Through ceiling membrane penetration



# INSTALLATION OPTIONS

## #19 LABOR SAVER



### OPTIONAL ANGLE SEALANT

- Ruskin Exclusive!
- Wood or metal stud walls and masonry walls/floors
- Option of using a sealant or fire stop caulking
- Over 12 UL listed materials

## #20 LABOR SAVER



### OPTIONAL FIRESTOP INSTALLATION

- Applied to Ruskin fire and combination fire/smoke dampers
- Metal stud walls and masonry walls/floors
- Includes retaining clips
- Provides installation flexibility

## #21 LABOR SAVER



### OPTIONAL DUCT SEALANTS FOR BREAKAWAY CONNECTIONS

- Seal the duct to sleeve joint for low-leakage
- Precision — PA2083T
- Hardcast, Inc — Iron Grip 601
- LEED projects
  - Design Polymeric — DP1010 Water Base
  - Eco-Duct Seal — 44-52

## #22 LABOR SAVER



### FIELD SLEEVE EXTENSIONS

- Same gage as factory sleeve
- Field caulked with UL listed materials

**RUSKIN**<sup>®</sup>  
Air & Sound Control  
Specified by Many – Equaled by None

ISO9001  
CERTIFIED

**RUSKIN.com**

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