

## FlexRight® Guide Specifications

- A. Section 15800 (23 30 00) – Air Distribution (HVAC Air Distribution).
- B. Section 15810 (23 33 46) – Flexible Ducts.

### FLEXIBLE DUCT ELBOW SUPPORTS

- A. Flexible Duct Elbow Supports: "FlexRight" (Durable Elbow Support)
  - 1. Universal-mount, 1-piece, fully adjustable, radius-forming brace to support 4-inch (102-mm) through 16-inch (406-mm) diameter flexible air ducts.
  - 2. Classified: UL 2043.
  - 3. Material: 100 percent recycled copolymer polypropylene.
  - 4. Support Frame Radius: 8 inches.
  - 5. Compliance for Flexible Duct Radius:
    - a. SMACNA HVAC Duct Construction Standards.
    - b. ASHRAE Advanced Energy Design Guides.
    - c. ADC Flexible Duct Performance and Installation Standards.

B. Manufacturer:

**Build Right Products**  
**11936 W 119th St #159**  
**Overland Park, KS 66213**  
**Fax: 866-387-8686**  
**Website: [www.BuildRightProducts.com](http://www.BuildRightProducts.com)**

### INSTALLATION OF FLEXIBLE DUCT ELBOW SUPPORTS

- A. Install flexible duct elbow supports in accordance with manufacturer's instructions.
- B. Install flexible duct elbow supports over outer jacket of flexible ducts to form smooth, 90-degree bends to eliminate flexible duct kinks and airflow restrictions.

- C. Make bends in flexible ducts with minimum of 1-duct diameter centerline radius.
- D. Install flexible duct elbow supports at flexible duct 90-degree bends at following locations:
  - 1. Diffusers.
  - 2. Grilles.
  - 3. Registers.
  - 4. Duct take-offs and taps.
  - 5. Air devices with round inlets and outlets.
  - 6. HVAC equipment with round inlets and outlets.
  - 7. Flexible ducts used as elbows.
  - 8. As indicated on the Drawings.