

**SECTION 015942
PREFABRICATED DIFFUSERS**

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Prefabricated Diffusers.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Roof Products, Inc. (RPI) – Chattanooga, TN and Phoenix, AZ
 - 1. Tel: (800) 262-6669
 - 2. Fax: (423) 892-2107
 - 3. Email: sales@rpicurbs.com
 - 4. Web Site: <http://www.rpicurbs.com>

PART 3 CONSTRUCTION

- A. Frames:
 - 1. Material: ASTM A 653 G90 hot-dipped galvanized steel. Minimum 20 gauge or heavier gauge as engineered by manufacturer.
 - 2. Insulated at factory with 1" thick duct liner insulation.
 - 3. Turning vanes in each quadrant for maximum performance.
 - 4. Industry standard duct connections with 3/8" threaded inserts at each corner for mounting.
- B. Grills: Double deflection, adjustable both horizontally and vertically.

PART 4 EXECUTION

4.1 INSTALLATION

- A. Install in accordance with Contract Document provisions and manufacturer's instructions.

4.2 COORDINATION

- A. Roof Products, Inc. (RPI) shall coordinate Diffuser sizes and options with the general and/or mechanical contractor prior to fabrication.
- B. Shop drawing approval is required before fabrication

4.3 WARRANTY

- A. The diffusers shall be guaranteed to be free from defects in materials or workmanship for a period on not less than (5) five years.

END OF SECTION