

SECTION – 07720/230548 PREFABRICATED CONVENTIONAL VIBRATION ISOLATION ROOF CURBS

I. GENERAL

- 1.1 The general conditions and supplemental general conditions of the contract apply to this section as if completely written herein.
- 1.2 The General Contractor shall provide all labor, material, and equipment to completely install the Prefabricated Conventional Vibration Isolation Roof Curb.
- 1.3 The Prefabricated Conventional Vibration Isolation Roof Curbs shall be used on all roof top HVAC Units.

II. PRODUCTS

- 2.1 The Prefabricated Conventional Vibration Isolation Roof Curbs shall be Model CPISO - (specify #1, 2, 3,) as manufactured by: **CURBS PLUS, INC. / 8767 GA HWY 151 / Ringgold, GA 30736**

TOLL FREE 1 - 888 639 - 2872

III. CONSTRUCTION

- 3.1 The pre-fabricated non-insulated roof curb shall be constructed using, minimum 14 gauge LFQ, CQ, G-90 galvanized steel, or heavier gauge (as required). Fully mitered and welded corners. All welds prime painted after fabrication. Factory installed pressure treated 2x2 wood nailers. The Isolation section shall consist of spring vibration isolators with a min 85% efficiency, powder coated, color coded springs with _____(1, 2, or 3) inch deflection. Structural steel housings designed to provide vertical & horizontal limit restraint. Springs to have neoprene noise pads. Housing to be mounted on structural steel pedestals providing full isolator supports and direct loading to the building structure. Springs to be removable without disturbing equipment or roofing. The top rail of the isolation section is to be constructed with internally insulated 12 gauge galvanized steel box channels designed to match the unit base fitment as required by the HVAC equipment manufacture, with galvanized flashing and watertight flexible fiberglass reinforced EPDM weather seal and closed foam gasketing.
- 3.2 Minimum height of Base Curbs shall be 8" above finished roof or (as specified).
- 3.3 **OPTIONS:**
 1. Insulation.
 2. Sloped to match single, double or multiple roof pitches and provide a level top.
 3. Additional Height.
 4. Heavier Gauges of Metal.
 5. Security Bars.
 6. Ridge Mounted.
 7. Solid Platform Covers.
 8. Temporary Covers.
 9. Sound Baffles.
 10. Engineered Calculations.
 11. Meet seismic/wind criteria.
 12. Unit retention brackets (Hold down clips)

Continued

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(Continued)**

IV. INSTALLATION

- 4.1 The Prefabricated Conventional Vibration Isolation Roof Curbs must be installed in accordance with instructions and as detailed on drawings.

V. COORDINATION

- 5.1 The Prefabricated Conventional Vibration Isolation Roof Curb sizes and options shall be coordinated by Curbs Plus, Inc. and the General and/or Mechanical contractor prior to fabrication.
- 5.2 Shop drawing approval is required before fabrication.

VI. GUARANTEE

- 6.1 The Prefabricated Conventional Vibration Isolation Roof Curbs shall be guaranteed to be free from defects in materials or workmanship for a period of five years.

END