

## **SECTION – 07720 PREFABRICATED CONVENTIONAL EXPANSION JOINTS**

### **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 Expansion Joints.

### **II. PRODUCTS**

- 2.1 The Prefabricated Conventional Expansion Joints shall be Model CPEJ-(specify #1, 2, 3, 4 or 5) as manufactured by: **RETAIL AIR SYSTEMS / CHATTANOOGA, TN**  
**TOLL FREE 1-800-245-8104**

### **III. CONSTRUCTION**

- 3.1 The Prefabricated Conventional Expansion Joints shall be constructed using, minimum 20 gauge LFQ, CQ, G-90 galvanized steel, or heavier gauge (as required). Fully mitered and welded corners. Integral base plates. 3” cant on CPEJ - (1, 2, & 5) style joints. All welds prime painted after fabrication. Internally reinforced with steel angles (as required). Factory insulated with 1-1/2” thick, 3# density fiberglass insulation on CPEJ - (1, 2, & 3) style joints. Factory installed 2” x 2” pressure treated wood nailers.
- 3.2 The Prefabricated Expansion Joints shall include fully mitered and welded corners, sloping end sections and connector clips (as required).
- 3.3 The Prefabricated Expansion Joints shall be manufactured in 10’-0” maximum lengths.
- 3.4 Minimum height of Expansion Joints shall be 8” above finished roof or (as specified).

### **IV. INSTALLATION**

- 4.1 The Prefabricated Conventional Expansion Joints must be installed in accordance with instructions and as detailed on drawings.

### **V. COORDINATION**

- 5.1 The Prefabricated Conventional Expansion Joint sizes and options shall be coordinated by Retail Air Systems and the General and/or Roofing Contractor prior to fabrication.
- 5.2 Shop drawing approval is required before fabrication.

### **VI. GUARANTEE**

- 6.1 The Prefabricated Conventional Expansion Joints shall be guaranteed to be free from defects in material or workmanship for a period of five years.