

General

Uni-Frames are designed for retaining air filter media pads in applications that require additional media support.

The frame is fabricated of 26 gauge corrosion-resistant steel channel with each corner of the frame mitered for squareness. Filter pads are supported on the downstream side with a corrosion-resistant steel expanded metal lathe grid. The expanded metal lathe backing is spot welded to the air exit side to prevent vibration. Retainer bars for the upstream side are available as an option.

Installation

Typical applications include roof top units, spray booths, residential units, unit ventilators and other applications not suited for ordinary fiberglass throw-away filters because of airflow velocity or environmental considerations

Guide Specifications

1.0 General

1.1 Permanent pad holding frames shall be Uni-Frame as manufactured by Flanders.

2.0 Construction

2.1 Frames shall be constructed of 26 ga. corrosion-resistant steel.

2.2 Corners shall be mitered in order to eliminate snagging of the media pad.

2.3 The media shall be supported on the downstream side by an expanded metal lathe backing which is welded in place.

3.0 Installation

3.1 Install frames in accordance with the manufacturers specified recommendation.

Media Holding Frames

Standard 1" and 2"

Nominal Size (inches)	Actual Size (inches)
24x24x1	23-1/2 x 23-1/2 x 7/8
20x25x1	19-1/2 x 24-1/2 x 7/8
20x20x1	19-1/2 x 19-1/2 x 7/8
16x25x1	15-1/2 x 24-1/2 x 7/8
16x20x1	15-1/2 x 24-1/2 x 7/8
24x24x2	23-1/2 x 23-1/2 x 1-7/8
20x25x2	19-1/2 x 24-1/2 x 1-7/8
20x20x2	19-1/2 x 19-1/2 x 1-7/8
16x25x2	15-1/2 x 24-1/2 x 1-7/8
16x20x2	15-1/2 x 19-1/2 x 1-7/8

