

EZ Flow & EZ Flow II

Disposable Air Filters

General

EZ Flow and EZ Flow II disposable filters are designed for protection of furnace and central air units in residential and light commercial applications. Construction of both models is identical except for the media retainer. The EZ Flow features a metal media retainer on the downstream side while the EZ Flow II has no media retainer. Instead, the media itself is adhered directly to the frame to meet non-metallic applications.

Construction

The frame is made from heavy chipboard in a one-piece design that eliminates corner separation.

The filtering media is progressive density, continuous filament spun glass. A resinous bonding agent provides rigidity and resistance to media compression. A viscous adhesive is added to increase filtering effectiveness.

MEDIA SUPPORT of the EZ Flow is provided by a one metal retainer on the downstream side, either punched metal plate or expanded metal, depending on face size. The EZ Flow II is made to function without a retainer, by adhering the frame directly to the media which has a light skin to make it self-retaining.

SEALING is attained with a resilient hot-melt adhesive running the full perimeter of the frame on both upstream and downstream sides.

UL MARKING appears on the filter frame. They have been tested by Underwriters Laboratories and are classified as UL 900 Class 2 for flammability.

Important Features

- One-piece frame
- Continuous filament spun glass
- UL 900 Class 2
- UPC marked
- No media retainer on EZ Flow II
- Metal media retainer on EZ Flow
- 1/2 in., 1 in. & 2 in. depths
- All standard sizes plus special sizes



**EZ Flow II
No Metal**



**EZ Flow
Metal on Downstream
Side**

Standard Sizes

Performance Data

Nominal Size (in.)	Actual Size H x W x D (in)	cfm @ 300 fpm	Quantity per Carton	Weight per Carton (lbs.)
10x10x1	9-7/8 x 9-7/8 x 3/4	208	12	3.3
10x20x1	9-7/8 x 19-7/8 x 3/4	417	12	5.6
10x24x1	9-7/8 x 23-7/8 x 3/4	500	12	6.1
10x25x1	9-7/8 x 24-7/8 x 3/4	521	12	6.5
10x30x1	9-7/8 x 29-7/8 x 3/4	625	12	5.8
12x12x1	11 -7/8 x 11 -7/8 x 3/4	300	12	4.0
12x20x1	11 -7/8 x 19-7/8 x 3/4	500	12	5.8
12x24x1	11 -7/8 x 23-7/8 x 3/4	600	12	6.7
12x25x1	11 -7/8 x 24-7/8 x 3/4	625	12	7.5
12x30x1	11 -7/8 x 29-7/8 x 3/4	749	12	7.8
14x14x1	13-7/8 x 13-7/8 x 3/4	408	12	5.2
14x20x1	13-7/8 x 19-7/8 x 3/4	583	12	6.2
14x24x1	13-7/8 x 23-7/8 x 3/4	700	12	7.3
14x25x1	13-7/8 x 24-7/8 x 3/4	729	12	7.7
14x30x1	13-7/8 x 29-7/8 x 3/4	875	12	10.5
15x25x1	14-7/8 x 24-7/8 x 3/4	781	12	6.8
15x20x1	14-7/8 x 19-7/8 x 3/4	625	12	6.7
15x30x1	14-7/8 x 30-1/2 x 3/4	957	12	9.8
16x16x1	15-7/8 x 15-7/8 x 3/4	533	12	6.0
16x20x1	15-3/4 x 19-1/2 x 3/4	667	12	6.9
16x22x1	15-7/8 x 22-1/8 x 3/4	742	12	8.3
16x24x1	15-7/8 x 23-7/8 x 3/4	800	12	8.5
16x25x1	15-3/4 x 24-5/8 x 3/4	833	12	8.3
18x20x1	17-7/8 x 19-7/8 x 3/4	750	12	8.0
18x24x1	17-7/8 x 23-7/8 x 3/4	900	12	9.0
18x25x1	17-7/8 x 24-7/8 x 3/4	938	12	9.6
19x27x1	18-7/8 x 26-7/8 x 3/4	1069	12	11.8
20x20x1	19-5/8 x 19-5/8 x 3/4	833	12	7.9
20x22x1	19-7/8 x 22-1/8 x 3/4	938	12	9.3
20x24x1	19-7/8 x 23-7/8 x 3/4	1000	12	9.5
20x25x1	19-5/8 x 24-5/8 x 3/4	1042	12	9.5
20x30x1	19-7/8 x 29-7/8 x 3/4	1250	12	12.5
22x22x1	21-7/8 x 21-7/8 x 3/4	1008	12	9.5
24x24x1	23-7/8 x 23-7/8 x 3/4	1200	12	11.3
24x30x1	23-7/8 x 29-7/8 x 3/4	500	12	14.3
25x25x1	24-7/8 x 24-7/8 x 3/4	1302	12	13.5
10x10x2	9-7/8 x 9-7/8 x 1-5/8	208	12	3.9
10x20x2	9-7/8 x 19-7/8 x 1-5/8	417	12	6.6
12x24x2	11-1/2 x 23-1/2 x 1-5/8	600	12	8.0
14x20x2	13-7/8 x 19-7/8 x 1-5/8	584	12	9.1
14x25x2	13-7/8 x 24-7/8 x 1-5/8	730	12	10.5
15x20x2	14-7/8 x 19-7/8 x 1-5/8	625	12	9.6
16x20x2	15-3/4 x 19-1/2 x 1-5/8	667	12	9.6
16x24x2	15-3/4 x 23-1/2 x 1-5/8	800	12	11.6
16x25x2	15-3/4 x 24-1/2 x 1-5/8	834	12	11.6
18x24x2	17-7/8 x 23-7/8 x 1-5/8	900	12	12.8
20x20x2	19-1/2 x 19-1/2 x 1-5/8	834	12	11.9
20x24x2	19-1/2 x 23-1/2 x 1-5/8	1000	12	14.2
20x25x2	19-1/2 x 24-1/2 x 1-5/8	1042	12	14.0
24x24x2	23-1/2 x 23-1/2 x 1-5/8	1200	12	16.0
25x25x2	24-7/8 x 24-7/8 x 1-5/8	1302	12	17.2

Notes:

- Contact your local representative or the factory for additional standard sizes. Special sizes are also available.
- Manufacturing tolerances are +0 in., -1/8 in. on height and width.
- Nominal cfm is calculated at 300 fpm gross face velocity.
- Initial (clean) pressure drop at nominal cfm is 0.07 in. w.g. for 1 in. filters and 0.10 in. w.g. for 2 in. filters.
- Recommended final resistance is 0.50 in. w.g., but the system design may dictate a lower changeout point.
- The average synthetic dust weight arrestance per the ASHRAE Standard 52.1 test method is 80% for 1 in. filters and 82% for 2 in. filters.

