

**1-800-GRAINGER (472-4643)**

**4FZH2**



**Dayton**

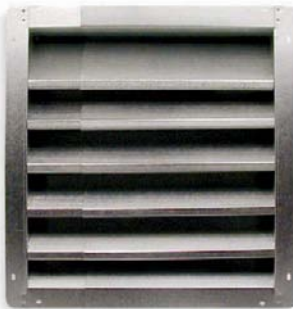
## Modular Louvers

- Blade type: non-drainable
- Blade angle: 45°
- Beginning point of water penetration: 709 fpm

Provide a path through an exterior wall for air exchange in and out of a building. They can be installed independently for smaller openings or connected in a grid pattern to cover larger areas. Wall louvers provide water intrusion protection but do not have a drainage system to deal with rain that falls onto the blades. Any rainfall that hits the louvers will be carried downwards by gravity. Frames are **Hat Channel** design that feature consistent dimensions along all four edges. They are rectangular in profile and mounted using exposed channel legs on their perimeter.

Outside Height (in)	Frame Width (in)	Min. Wall Opening H X W (in)	Free Area (sq ft)	Max. Air Velocity (fpm)	Max. Intake/Exhaust (cfm)	Galvanized Steel Item No.	Aluminum Item No.
<b>Hat Channel</b>							
17 1/2	17 1/2	18x18	0.9	3000	744 /1,063	4FZG3	4FZF3
23 1/2	23 1/2	24x24	1.8	3000	1,342 /1,918	4FZG4	4FZF4
29 1/2	29 1/2	30x30	2.8	3000	2,028 /2,897	4FZG7	4FZF7
35 1/2	35 1/2	36x36	4.2	3000	2,115 /3,022	4FZG6	4FZF6
41 1/2	41 1/2	42x42	5.4	3000	2,028 /2,897	4FZG5	4FZF5
47 1/2	47 1/2	48x48	7.1	3000	3,063 /4,376	4FZG8	4FZF8
					4,099 /5,855	4FZH1	4FZG1
					4,099 /5,855	53DR09	53DR08
					5,484 /7,834	4FZG9	4FZF9
						4FZH2	4FZG2

**4F422**



**Dayton**

## Adjustable Width Louvers

- Blade type: non-drainable
- Blade angle: 45°
- Beginning point of water penetration: 766 fpm
- Max. air velocity: 3000 fpm

These louvers can expand or contract in width to fit a variety of openings and feature an integrated flanged frame and blades that nest inside each other and slide. This allows the louver to adjust its width to fit various openings in an exterior wall. Louvers provide water intrusion protection but do not have a drainage system to deal with rain that falls onto the blades. Any rainfall that hits them will be carried downwards by gravity.

Outside Height (in)	Frame Width Range (in)	Intake Louver Inside Width (in)	Min. Wall Opening H X W (in)	Free Area (sq ft)	Max. Intake/Exhaust (cfm)	Galvanized Steel Item No.	Aluminum Item No.
<b>Flanged — 2 in Flange Width</b>							
18	16 to 22	12 to 18	14x12	0.6	616 /875	4F421	4F951
18	28 to 46	24 to 42	14x24	1.3	1,565 /2,240	2FTV2	2FTV4
22	22 to 28	18 to 24	18x18	1	1,050 /1,500	3C972	4F952
22	28 to 46	24 to 42	18x24	1.8	2,010 /2,875	2FTV5	2FTV9
28	22 to 34	18 to 30	24x18	2	1,750 /2,500	3C973	4F953
28	40 to 52	36 to 48	24x36	3.2	3,030 /4,330	2FTY1	2FTX2
34	25 to 40	21 to 36	30x21	2.8	2,625 /3,750	4F422	4F954
40	28 to 40	24 to 36	36x24	3.6	3,150 /4,500	3C974	4F955
40	40 to 52	36 to 48	36x36	4.8	4,200 /6,000	3C975	4F956
46	28 to 46	24 to 42	42x24	5.6	4,290 /6,125	4F423	4F957
52	28 to 40	24 to 36	48x24	4.9	5,200 /6,000	3C976	4F958
52	40 to 52	36 to 48	48x36	6.6	5,600 /8,000	3C977	4F959

**20UA07**



**Dayton**

## Drainable Blade Louvers

- Blade type: drainable
- Blade angle: 45°
- Beginning point of water penetration: 1,031 fpm
- Material: aluminum

Feature integrated drain channels on each blade that channel rainwater toward the side of the louver and down toward the frame jamb. Helps prevent the dripping water from being caught in the airstream and reduces water intrusion through air intake openings. **Flanged** frames feature an integrated flange along one of the horizontal edges on the front or back of the louver. They help create the seal between two louvers or the louver and the installation surface. **Hat Channel** frames feature consistent dimensions along all four edges. They are rectangular in profile and mounted using exposed channel legs on their perimeter.

Outside Height (in)	Frame Width (in)	Min. Wall Opening H X W (in)	Free Area (sq ft)	Max. Air Velocity (fpm)	Max. Intake/Exhaust (cfm)	Item No.
<b>Flanged — 1 1/2 in Flange Width</b>						
11 1/2	11 1/2	12x12	0.4	3500	310 /443	20UA07
17 1/2	17 1/2	18x18	1	3500	1,034 /1,478	20UA08
23 1/2	23 1/2	24x24	1.3	3500	1,447 /2,069	20UA40
29 1/2	29 1/2	30x30	1.8	3500	1,861 /2,661	20UA46
35 1/2	35 1/2	36x36	2	3500	2,274 /3,252	20UA53
41 1/2	41 1/2	42x42	3.3	3500	3,515 /5,026	20UA72
47 1/2	47 1/2	48x48	3.5	3500	3,928 /5,617	20UA79
17 1/2	17 1/2	18x18	3.8	3500	3,618 /5,174	20UA39
23 1/2	23 1/2	24x24	1.8	3500	1,809 /2,587	20UA09
29 1/2	29 1/2	30x30	2.5	3500	2,326 /3,326	20UA47
35 1/2	35 1/2	36x36	2.8	3500	2,843 /4,065	20UA12
41 1/2	41 1/2	42x42	3.9	3500	3,876 /5,543	20UA66
47 1/2	47 1/2	48x48	4.9	3500	4,910 /7,021	20UA80
17 1/2	17 1/2	30x18	1.8	3500	1,809 /2,587	20UA34
23 1/2	23 1/2	30x24	2.3	3500	2,533 /3,622	20UA41
29 1/2	29 1/2	30x30	3.2	3500	3,256 /4,656	20UA11
35 1/2	35 1/2	30x36	3.6	3500	3,980 /5,691	20UA54
41 1/2	41 1/2	36x24	2.8	3500	2,894 /4,139	20UA10
47 1/2	47 1/2	36x30	3.9	3500	3,721 /5,321	20UA48
35 1/2	35 1/2	36x36	4.4	3500	4,548 /6,504	20UA13
41 1/2	41 1/2	36x42	5.5	3500	5,375 /7,686	20UA61
47 1/2	47 1/2	36x48	6.1	3500	6,202 /8,869	20UA16
53 1/2	53 1/2	36x54	7.2	3500	7,029 /10,052	20UA75
17 1/2	17 1/2	42x18	2.6	3500	2,584 /3,695	20UA36
23 1/2	23 1/2	42x30	4.6	3500	4,652 /6,652	20UA49
35 1/2	35 1/2	42x36	5.2	3500	5,685 /8,130	20UA55
41 1/2	41 1/2	42x42	6.5	3500	6,719 /9,608	20UA15
47 1/2	47 1/2	42x48	7.2	3500	7,753 /11,086	20UA69
53 1/2	53 1/2	42x60	9.1	3500	9,820 /14,043	20UA83
35 1/2	35 1/2	48x36	6	3500	6,254 /8,943	20UA14
41 1/2	41 1/2	48x42	7.5	3500	7,391 /10,569	20UA62
47 1/2	47 1/2	48x48	8.4	3500	8,528 /12,195	20UA17
53 1/2	53 1/2	48x60	10.5	3500	10,802 /15,447	20UA84
35 1/2	35 1/2	54x36	6.8	3500	7,391 /10,569	20UA56
41 1/2	41 1/2	54x42	11.1	3500	11,422 /16,334	20UA18
47 1/2	47 1/2	54x48	11.9	3500	12,766 /18,255	20UA85
53 1/2	53 1/2	60x24	4.8	3500	5,065 /7,243	20UA45
59 1/2	59 1/2	60x30	6.7	3500	6,512 /9,312	20UA52
59 1/2	59 1/2	60x36	7.6	3500	7,959 /11,382	20UA57
59 1/2	59 1/2	60x48	10.5	3500	10,854 /15,521	20UA71
59 1/2	59 1/2	60x60	13.3	3500	13,748 /19,660	20UA19
<b>Hat Channel</b>						
11 1/2	11 1/2	12x12	0.4	3000	144 /188	45C669
17 1/2	17 1/2	18x18	0.9	3500	744 /1,063	5NKJ2
23 1/2	23 1/2	24x24	1.8	3500	1,342 /1,918	5NKJ3
29 1/2	29 1/2	30x30	3.2	3500	2,115 /3,022	5NKJ5
35 1/2	35 1/2	36x24	2.8	3500	2,028 /2,897	5NKJ4
41 1/2	41 1/2	36x36	4.4	3500	3,063 /4,376	5NKJ7
47 1/2	47 1/2	36x48	6.1	3500	4,099 /5,855	5NKJ9
53 1/2	53 1/2	42x42	6.5	3000	3,734 /4,875	45C678
59 1/2	59 1/2	48x36	6	3500	4,099 /5,855	5NKJ8
59 1/2	59 1/2	48x48	8.4	3500	5,484 /7,834	5NKJ0
59 1/2	59 1/2	54x54	11.1	3000	6,511 /8,500	45C670
59 1/2	59 1/2	60x60	13.3	3000	8,187 /10,688	45C671

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