

1-800-GRAINGER (472-4643)

Fixed-Height Adjustable-Width Intake/Exhaust Louvers



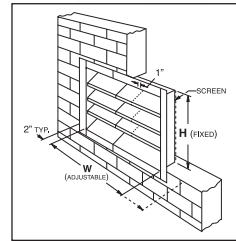
Tabbed louvers lock securely into frame, providing smooth finish and clean appearance. Blades are set at a 45° angle, 4" spacing. Use multiple louvers when larger sizes are needed. $\frac{3}{32}$ " x $\frac{1}{2}$ " oblong mounting holes. Each includes 2" x 2" bird screen and fasteners.

G-90 Galvanized Steel—4"-deep G-90 galvanized steel frame has 2" flanges.

3003 Aluminum—4" deep aluminum frame has 2" flange.

Intake Louver Outside Height	Outside W (in.)	Inside H (in.)	Intake Louver Inside Width	Min. Wall Opening (in.)	Louver Max. Intake	Louver Max. Exhaust	Louver Free Area	3003 ALUMINUM	
								Item No.	Item No.
18 in	16 to 22	14 in	12 in to 18 in	14H x 12W	616 cfm	875 cfm	0.360 to 0.550 sq ft	4F421	4F951
	28 to 46	14 in	24 in to 42 in	14H x 24W	1,565 cfm	2,240 cfm	0.740 to 1.310 sq ft	2FTV2	2FTV4
22 in	22 to 28	18 in	18 in to 24 in	18H x 18W	1,050 cfm	1,500 cfm	0.730 to 0.980 sq ft	3C972	4F952
	28 to 46	18 in	24 in to 42 in	18H x 24W	2,010 cfm	2,875 cfm	0.980 to 1.750 sq ft	2FTV5	2FTV9
28 in	22 to 34	24 in	18 in to 30 in	24H x 18W	1,750 cfm	2,500 cfm	1.140 to 1.950 sq ft	3C973	4F953
	40 to 52	24 in	36 in to 48 in	24H x 36W	3,030 cfm	4,330 cfm	2.350 to 3.150 sq ft	2FTY1	2FTX2
34 in	25 to 40	30 in	21 in to 36 in	30H x 21W	2,625 cfm	3,750 cfm	1.620 to 2.830 sq ft	4F422	4F954
	28 to 40	36 in	24 in to 36 in	36H x 24W	3,150 cfm	4,500 cfm	2.350 to 3.570 sq ft	3C974	4F955
40 in	40 to 52	36 in	36 in to 48 in	36H x 36W	4,200 cfm	6,000 cfm	3.570 to 4.790 sq ft	3C975	4F956
	28 to 46	42 in	24 in to 42 in	42H x 24W	4,290 cfm	6,125 cfm	3.160 to 5.610 sq ft	4F423	4F957
52 in	28 to 40	48 in	24 in to 36 in	48H x 24W	5,200 cfm	6,000 cfm	3.230 to 4.900 sq ft	3C976	4F958
	40 to 52	48 in	36 in to 48 in	48H x 36W	5,600 cfm	8,000 cfm	4.900 to 6.570 sq ft	3C977	4F959

4F422



Fixed Intake/Exhaust Louvers

Modular units seamlessly fit together for custom openings. Channel style frame is 4" deep. Blades are positioned at approximately 45° and spaced approximately 4" center to center. Each unit includes preinstalled bird screen.

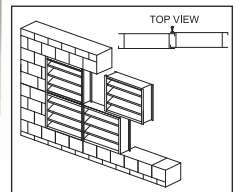
Galvannealed Steel—Very fine matte finish acts like a primer, easily accepts paint, and provides corrosion resistance.

Aluminum—Strong, lightweight, and corrosion resistant.

Intake Louver Outside Height	Outside W (in.)	Min. Wall Opening (in.)	Louver Max. Intake	Louver Max. Exhaust	Louver Free Area	GALVANNEALED STEEL		ALUMINUM	
						Item No.	Item No.	Item No.	Item No.
17 1/2 in	17 1/2 in	18 1/2 in	744 cfm	1,063 cfm	0.622 sq ft	4FZG3	4FZF3		
	23 1/2 in	24H x 24W	1,342 cfm	1,918 cfm	1.384 sq ft	4FZG4	4FZF4		
23 1/2 in	35 1/2 in	24H x 36W	2,028 cfm	2,897 cfm	2.175 sq ft	4FZG7	4FZF7		
	29 1/2 in	30H x 30W	2,115 cfm	3,022 cfm	2.234 sq ft	4FZG6	4FZF6		
29 1/2 in	23 1/2 in	36H x 24W	2,028 cfm	2,897 cfm	2.091 sq ft	4FZG5	4FZF5		
	35 1/2 in	36H x 36W	3,063 cfm	4,376 cfm	3.286 sq ft	4FZG8	4FZF8		
41 1/2 in	47 1/2 in	36H x 48W	4,099 cfm	5,855 cfm	4.481 sq ft	4FZH1	4FZG1		
	41 1/2 in	42H x 42W	3,876 cfm	5,543 cfm	5.496 sq ft	53DR09	53DR08		
47 1/2 in	35 1/2 in	48H x 36W	4,099 cfm	5,855 cfm	4.397 sq ft	4FZG9	4FZF9		
	47 1/2 in	48H x 48W	5,484 cfm	7,834 cfm	5.996 sq ft	4FZH2	4FZG2		



4FZG4



Drainable Blade Fixed Louvers

Protect air intake and exhaust openings in exterior walls. 4" deep channel style frame and 0.090" thick extruded aluminum fixed louver blades channel water away from the blades and down the jambs. Birdscreen included.



Intake Louver Outside Height	Outside W (in.)	Min. Wall Opening (in.)	Louver Max. Intake	Louver Max. Exhaust	Louver Free Area	Item No.
11 1/2 in	11 1/2 in	12H x 12W	144 cfm	188 cfm	0.359 sq ft	45C669
	17 1/2 in	18H x 18W	744 cfm	1,063 cfm	0.885 sq ft	5NKJ2
23 1/2 in	23 1/2 in	24H x 24W	1,342 cfm	1,918 cfm	1.378 sq ft	5NKJ3
	35 1/2 in	24H x 36W	2,028 cfm	2,897 cfm	2.951 sq ft	5NKJ6
29 1/2 in	29 1/2 in	30H x 30W	2,115 cfm	3,022 cfm	2.93 sq ft	5NKJ5
	23 1/2 in	36H x 24W	2,028 cfm	2,897 cfm	2.917 sq ft	5NKJ4
35 1/2 in	35 1/2 in	36H x 36W	3,063 cfm	4,376 cfm	4.583 sq ft	5NKJ7
	47 1/2 in	36H x 48W	4,099 cfm	5,855 cfm	6.216 sq ft	5NKJ9
41 1/2 in	41 1/2 in	42H x 42W	3,734 cfm	4,875 cfm	6.161 sq ft	45C678
	35 1/2 in	48H x 36W	4,099 cfm	5,855 cfm	6.25 sq ft	5NKJ8
47 1/2 in	47 1/2 in	48H x 48W	5,484 cfm	7,834 cfm	8.477 sq ft	5NKK0
	53 1/2 in	54H x 54W	6,511 cfm	8,500 cfm	10.062 sq ft	45C670
59 1/2 in	59 1/2 in	60H x 60W	8,187 cfm	10,688 cfm	12.963 sq ft	45C671
Drainable with Flange Kit						
14 1/2 in	14 1/2 in	12H x 12W	310 cfm	443 cfm	0.359 sq ft	20UA07
	20 1/2 in	18H x 18W	1,034 cfm	1,478 cfm	0.89 sq ft	20UA21
26 1/2 in	26 1/2 in	24H x 24W	1,809 cfm	2,587 cfm	1.88 sq ft	20UA09
	38 1/2 in	24H x 36W	2,843 cfm	4,065 cfm	2.95 sq ft	20UA12
32 1/2 in	32 1/2 in	30H x 30W	3,256 cfm	4,656 cfm	2.93 sq ft	20UA11
	26 1/2 in	36H x 24W	2,894 cfm	4,139 cfm	2.92 sq ft	20UA10
38 1/2 in	38 1/2 in	36H x 36W	4,548 cfm	6,504 cfm	4.58 sq ft	20UA13
	50 1/2 in	36H x 48W	6,202 cfm	8,869 cfm	6.25 sq ft	20UA16
44 1/2 in	44 1/2 in	42H x 42W	6,719 cfm	9,608 cfm	6.161 sq ft	20UA15
	38 1/2 in	48H x 36W	6,254 cfm	8,943 cfm	6.22 sq ft	20UA14
50 1/2 in	50 1/2 in	48H x 48W	8,528 cfm	12,195 cfm	8.48 sq ft	20UA17
	56 1/2 in	54H x 54W	11,422 cfm	16,334 cfm	10.062 sq ft	20UA18
62 1/2 in	62 1/2 in	60H x 60W	13,748 cfm	19,660 cfm	12.963 sq ft	20UA19



5NKJ3

Combination Louver Dampers



Protect air intake and exhaust openings from rain and weather while still providing excellent air flow. Mill-finish extruded aluminum drainable frame is 4" deep, 0.081" thick, and has 45° fixed louvers spaced on 4" centers, with pivoting dampers and TPV seals for weathertight closure. Birdscreen included. Standard manually-operated linkage kit for opening and closing. Find optional motor 5NKP0 and 20XG62 on Grainger.com.

Intake Louver Outside Height	Outside W (in.)	Min. Wall Opening (in.)	Louver Max. Intake	Louver Max. Exhaust	Louver Free Area	Item No.
11 1/2 in	11 1/2 in	12H x 12W	131 cfm	206 cfm	0.297 sq ft	45C672
	17 1/2 in	18H x 18W	436 cfm	625 cfm	0.521 sq ft	5NKH6
23 1/2 in	23 1/2 in	24H x 24W	1,005 cfm	1,444 cfm	1.349 sq ft	5NKH7
	35 1/2 in	24H x 36W	1,444 cfm	2,269 cfm	2.12 sq ft	45C680
29 1/2 in	29 1/2 in	30H x 30W	1,724 cfm	2,475 cfm	2.203 sq ft	5NKH8
	23 1/2 in	36H x 24W	1,531 cfm	2,406 cfm	2.33 sq ft	45C679
35 1/2 in	35 1/2 in	36H x 36W	4,244 cfm	6,068 cfm	3.667 sq ft	5NKH9
	47 1/2 in	36H x 48W	3,281 cfm	5,156 cfm	5.0 sq ft	45C682
41 1/2 in	41 1/2 in	42H x 42W	3,413 cfm	4,875 cfm	5.01 sq ft	5NKJ0
	35 1/2 in	48H x 36W	3,369 cfm	5,294 cfm	5.214 sq ft	45C681
47 1/2 in	47 1/2 in	48H x 48W	5,027 cfm	7,219 cfm	7.109 sq ft	5NKJ1
	53 1/2 in	54H x 54W	5,950 cfm	9,350 cfm	8.504 sq ft	45C673
59 1/2 in	59 1/2 in	60H x 60W	7,481 cfm	11,756 cfm	11.165 sq ft	45C674
Drainable with Flange Kit						
14 1/2 in	14 1/2 in	12H x 12W	266 cfm	381 cfm	0.297 sq ft	20UA20
	20 1/2 in	18H x 18W	779 cfm	1,114 cfm	0.521 sq ft	20UA21
26 1/2 in	26 1/2 in	24H x 24W	1,661 cfm	2,375 cfm	1.349 sq ft	20UA22
	38 1/2 in	24H x 36W	2,610 cfm	3,733 cfm	2.12 sq ft	20UA25
32 1/2 in	32 1/2 in	30H x 30W	2,738 cfm	3,916 cfm	2.203 sq ft	20UA24
	26 1/2 in	36H x 24W	2,700 cfm	3,862 cfm	2.33 sq ft	20UA23
38 1/2 in	38 1/2 in	36H x 36W	4,244 cfm	6,068 cfm	3.667 sq ft	20UA26
	50 1/2 in	36H x 48W	5,787 cfm	8,275 cfm	5.0 sq ft	20UA29
44 1/2 in	44 1/2 in	42H x 42W	5,886 cfm	8,417 cfm	5.01 sq ft	20UA28
	38 1/2 in	48H x 36W	5,877 cfm	8,404 cfm	5.214 sq ft	20UA27
50 1/2 in	50 1/2 in	48H x 48W	8,014 cfm	11,460 cfm	7.109 sq ft	20UA30
	56 1/2 in	54H x 54W	10,221 cfm	14,616 cfm	8.504 sq ft	20UA31
62 1/2 in	62 1/2 in	60H x 60W	12,972 cfm	18,550 cfm	11.165 sq ft	20UA32



5NKH7

Louver Flange Kits

Provide weather protection by covering small gaps in installations. Presized aluminum extrusion construction with prepunched mounting holes; mounting hardware included.



L	W	Item No.
14 1/2 in	14 1/2 in	45C675
20 1/2 in	20 1/2 in	33W754

L	W	Item No.	L	W	Item No.
26 1/2 in	26 1/2 in	33W755	44 1/2 in	44 1/2 in	33W761
32 1/2 in	32 1/2 in	33W756	50 1/2 in	50 1/2 in	33W762
38 1/2 in	38 1/2 in	33W757	56 1/2 in	56 1/2 in	45C676
44 1/2 in	44 1/2 in	33W758	62 1/2 in	62 1/2 in	45C677



33W754