

14 gauge
flanged wind
band with
longitudinal
seam welded
construction

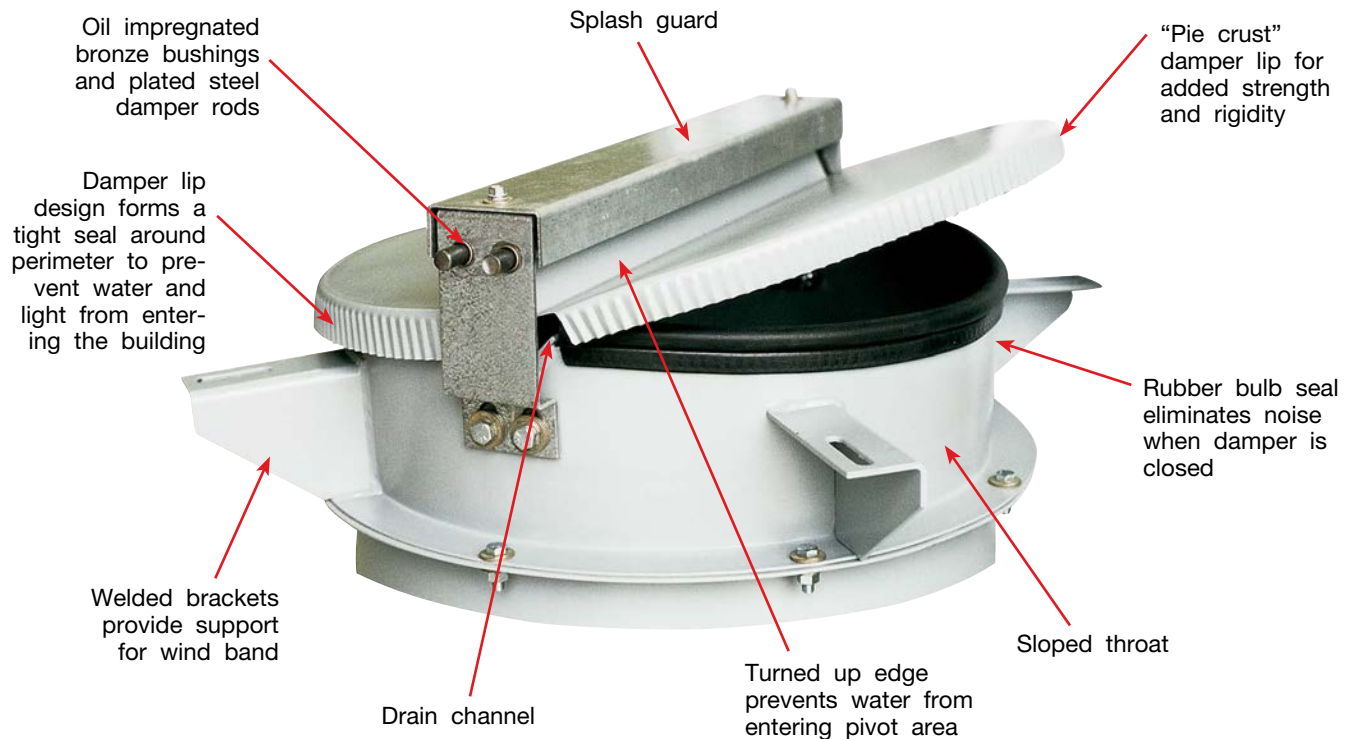


**Model 53 Roof Ventilator
shown with stack cap**

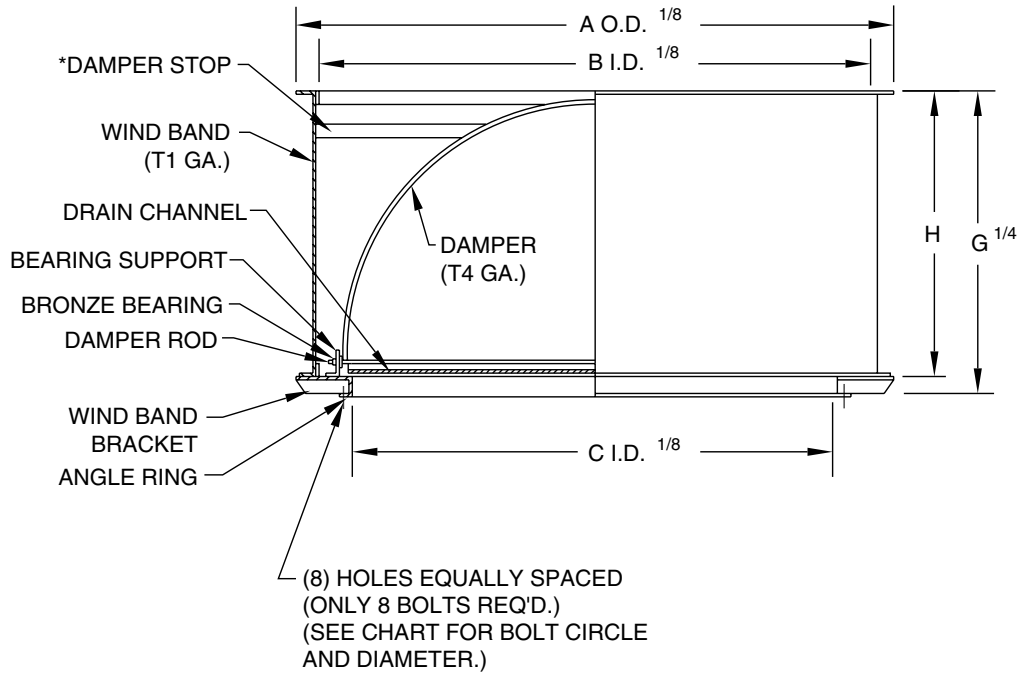
Provides Four Lines of Defense Against Water Penetration

1. **Wind Band** is positioned to prevent wind gusts from lifting dampers
2. **Splash Guard** protects against the entry of rain by overlapping the damper pivot area
3. **Throat and Damper Lids** are sloped 5 degrees to guarantee proper water drainage
4. **Drain Channel** located below the damper pivot area, the final provision against rain entry

Mechanical Features



Dimensional Data



*Rubber cushioned damper stop designed so dampers will close when fan is de-energized.

SIZE	DIMENSIONAL DATA							GAUGES			MIN. CFM REQ'D TO OPEN DAMPER		MAX. CFM
	A	B	C	G	H	BOLT CIRCLE	HOLE DIA. OR SLOT	STEEL		ALUM.	STEEL	ALUM	
								T1	T4	T4			
12	21 $\frac{1}{4}$	18 $\frac{3}{8}$	12 $\frac{1}{4}$	16 $\frac{3}{8}$	13	13 $\frac{7}{8}$	1 $\frac{1}{32}$	14	24	0.032	1390	1065	2450
14	23 $\frac{1}{4}$	20 $\frac{3}{8}$	14 $\frac{1}{4}$	17 $\frac{3}{8}$	14	15 $\frac{7}{8}$	1 $\frac{1}{32}$	14	24	0.032	1885	1440	3320
16	25 $\frac{1}{4}$	22 $\frac{3}{8}$	16 $\frac{1}{8}$	18 $\frac{3}{8}$	15	17 $\frac{7}{8}$	7 $\frac{1}{16}$	14	24	0.032	2450	1875	4315
18	28 $\frac{1}{4}$	25 $\frac{3}{8}$	18 $\frac{3}{8}$	21 $\frac{3}{8}$	18	19 $\frac{7}{8}$	7 $\frac{1}{16}$	14	24	0.032	3130	2395	5525
21	29 $\frac{3}{4}$	26 $\frac{3}{8}$	21 $\frac{1}{4}$	23 $\frac{3}{8}$	20	22 $\frac{7}{8}$	7 $\frac{1}{16}$	14	24	0.032	4190	3205	7390
24	31 $\frac{3}{4}$	28 $\frac{3}{8}$	24 $\frac{1}{4}$	24 $\frac{3}{8}$	21	25 $\frac{7}{8}$	7 $\frac{1}{16}$	14	24	0.032	5455	4170	9625
30	39 $\frac{3}{4}$	36 $\frac{3}{8}$	30 $\frac{3}{16}$	27 $\frac{3}{8}$	24	32	7 $\frac{1}{16}$	14	20	0.05	8520	6515	15035
36	45 $\frac{3}{4}$	42 $\frac{3}{8}$	36 $\frac{3}{4}$	30 $\frac{3}{8}$	27	38 $\frac{3}{8}$	9 $\frac{1}{16}$	14	20	0.05	12525	9580	22100
42	51 $\frac{3}{4}$	48 $\frac{3}{8}$	42 $\frac{3}{8}$	33 $\frac{3}{8}$	30	44 $\frac{3}{8}$	9 $\frac{1}{16}$	14	20	0.05	16850	12885	29730
48	57 $\frac{3}{4}$	54 $\frac{3}{8}$	48 $\frac{3}{8}$	36 $\frac{3}{8}$	33	50 $\frac{3}{8}$	9 $\frac{1}{16}$	14	20	0.08	21950	16765	38690
54	64	60 $\frac{3}{4}$	54 $\frac{3}{8}$	39 $\frac{3}{8}$	36	57 $\frac{1}{4}$	9 $\frac{1}{16}$	14	20	0.08	27670	21160	48825
60	70	66 $\frac{3}{4}$	60 $\frac{3}{8}$	43 $\frac{3}{8}$	40	63 $\frac{1}{4}$	9 $\frac{1}{16}$	14	20	0.08	34880	26050	60140
72	88	84 $\frac{3}{4}$	72 $\frac{3}{4}$	49 $\frac{3}{8}$	46	75 $\frac{1}{4}$	1 $\frac{1}{16}$	14	20	0.08	49050	37510	86555
84	100	96 $\frac{3}{4}$	84 $\frac{3}{4}$	56 $\frac{3}{8}$	53	88 $\frac{1}{4}$	1 $\frac{1}{16}$	14	20	0.08	66565	50905	117460
96	112	108 $\frac{3}{4}$	96 $\frac{3}{4}$	63 $\frac{3}{8}$	60	100 $\frac{1}{4}$	1 $\frac{1}{16}$	14	20	0.08	86750	66340	153080

NOTE: Flange construction is standard on steel sizes 12 through 60. Angle ring construction is standard on steel wind bands, sizes 72 through 96, and on all aluminum stack caps.

For existing stacks, a companion flange is available for matching cap to stack. Please note minimum and maximum CFM required to open dampers.