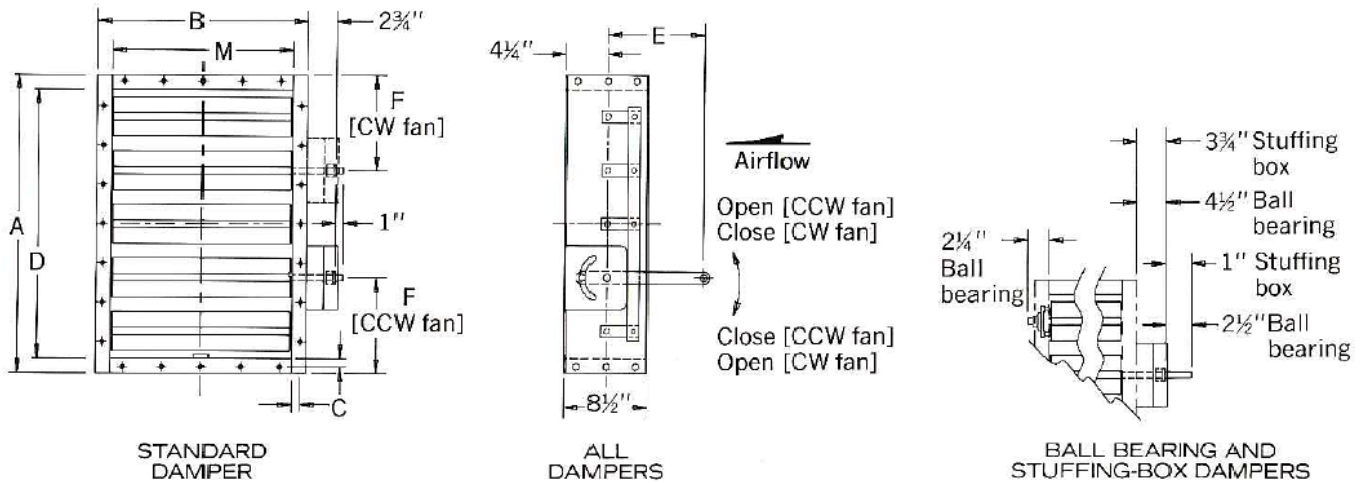


OUTLET DAMPER DIMENSIONS



- Notes:** 1. Control arm located on inlet side of fan. 2. Control arm swings 45° each side of centerline.
 3. Mounting holes on 4" centers from centerline. 4. Dimensions not to be used for construction unless certified.

ACOUSTAFOL/PLR, GENERAL PURPOSE, AF*, RTS* FANS - DIMENSIONS [INCHES]

AcF/PLR, GP	Size AF, RTS	A		B		C	D	E		F	M		No. holes per flange			Dia. Holes	Damper Inside Area (ft ²)		Weight (lbs)	
		SW	DW	SW	DW			SW	DW		SW	DW	Sides	Top and Bottom			SW	DW	SW	DW
														SW	DW					
10	--	13 3/8	10 1/8	--	5/8	11 3/8	5	--	3	8 1/8	--	3	1	--	5/16	0.61	--	15	--	
12	--	15 3/4	11 3/8	--	5/8	13 3/4	5	--	3 3/8	9 3/8	--	3	3	--	5/16	0.86	--	20	--	
13	--	17 1/4	12 3/8	--	5/8	15 1/4	5	--	3 3/4	10 3/8	--	5	3	--	5/16	1.05	--	25	--	
15	--	18 7/8	13 3/8	--	5/8	16 7/8	5	--	3 7/8	11 3/8	--	5	3	--	5/16	1.28	--	30	--	
16	--	21 1/8	14 3/4	--	3/4	18 5/8	5	--	4 1/2	12 1/4	--	5	3	--	7/16	1.50	--	38	--	
18	--	23	16 3/8	27 1/4	3/4	20 1/2	5	10	3 7/8	13 7/8	24 3/4	5	3	5	7/16	1.89	3.41	44	79	
20	24	25	17 1/2	29 1/2	3/4	22 1/2	5	10	4 1/8	15	27	7	3	7	7/16	2.25	4.09	56	82	
22	27	27 3/8	19 3/8	32 5/8	3/4	24 7/8	8	10	13 3/4	16 7/8	30 1/8	7	3	7	7/16	2.81	5.06	65	84	
24	30	30 3/8	21 1/2	36 1/4	7/8	27 3/8	10	10	15 1/4	18 1/2	33 1/4	7	5	7	7/16	3.40	6.16	79	102	
27	33	33 1/4	23 3/8	39 1/2	7/8	30 1/4	10	10	14 1/8	20 3/8	36 1/2	9	5	9	7/16	4.15	7.49	96	124	
30	36	36 1/2	25 5/8	43 1/2	7/8	33 1/2	10	10	15 1/2	22 5/8	40 1/2	9	5	9	7/16	5.12	9.23	118	152	
33	40	39 7/8	27 7/8	47 5/8	7/8	36 7/8	10	10	14 3/4	24 7/8	44 5/8	9	5	11	7/16	6.21	11.22	143	185	
36	44	44 3/4	31 1/2	53 1/4	1 1/8	40 3/4	10	10	16 5/8	27 1/2	49 1/4	11	7	11	9/16	7.61	13.70	175	225	
40	49	48 7/8	34 3/8	58 3/8	1 1/8	44 7/8	10	10	16 1/8	30 3/8	54 3/8	11	7	13	9/16	9.27	16.69	180	274	
44	54	53 5/8	37 1/2	64	1 1/8	49 5/8	10	10	15 7/8	33 1/2	60	13	7	15	9/16	11.33	20.39	186	325	
49	60	58 5/8	40 7/8	70 1/8	1 1/8	54 5/8	10	10	15 3/4	36 7/8	66 1/8	15	9	17	9/16	13.75	24.77	226	394	
54	66	64 3/8	44 3/4	77 1/8	1 1/8	60 3/8	10	10	15 3/4	40 3/4	73 1/8	15	9	17	9/16	16.82	30.31	276	482	
60	73	70 7/8	49	84 3/4	1 1/8	66 7/8	10	10	16	45	80 3/4	17	11	19	9/16	20.61	37.12	338	823	
66	--	77 1/2	53 1/2	92 7/8	1 1/8	73 1/2	10	10	16 1/4	49 1/2	88 7/8	19	11	21	9/16	24.95	44.94	408	996	
73	--	85 1/4	58 3/4	102 1/4	1 1/8	81 1/4	10	10	16 3/4	54 3/4	98 1/4	21	13	25	9/16	30.54	54.97	499	1217	

* The dimensions shown here are for fans without evases. Consult **nyb** for the dimensions of dampers to be used on the discharges of evases.
 M and D are outside dimensions to match fan M and D dimensions. Tolerance: ± 1/8"

GENERAL INDUSTRIAL FANS - DIMENSIONS [INCHES]

Size	A	B	C	D	E	F	M	Total Flange Holes	Dia. Holes	Damper Inside area (ft ²)	Weight (lbs)
14	10 3/4	10 3/8	3/4	8 1/4	7	3 3/8	7 7/8	8	7/16	0.41	13
17	12 5/8	12	3/4	10 1/8	7	3 3/4	9 1/2	12	7/16	0.62	20
19	13 1/8	12 3/4	7/8	10 1/8	7	4	9 3/4	12	7/16	0.63	25
22	16	13 3/4	7/8	13	8	3 3/4	10 3/4	12	7/16	0.91	29
26	18	15 3/8	7/8	15	7	4	12 3/8	16	7/16	1.22	38
29	19 7/8	17	7/8	16 7/8	10	4 3/8	14	16	7/16	1.56	48
33	21 3/4	18 5/8	7/8	18 3/4	10	8 1/2	15 5/8	16	7/16	1.95	60
36	23 3/4	20 1/4	7/8	20 3/4	10	9 1/4	17 1/4	20	7/16	2.39	73
40	26 7/8	23	1 1/8	22 7/8	10	10 5/8	19	24	9/16	2.91	89
45	29 3/4	25 3/8	1 1/8	25 3/4	10	11 5/8	21 3/8	24	9/16	3.70	113
50	32 3/4	27 7/8	1 1/8	28 3/4	10	10 5/8	23 7/8	24	9/16	4.63	141
57	36 5/8	31 1/8	1 1/8	32 5/8	10	18 3/8	27 1/8	32	9/16	5.99	151
64	40 1/2	34 1/2	1 1/8	36 1/2	10	17 1/4	30 1/2	32	9/16	7.56	162
71	44 3/8	37 5/8	1 1/8	40 3/8	10	18 7/8	33 5/8	36	9/16	9.24	173
78	48 1/4	40 7/8	1 1/8	44 1/4	10	20 1/2	36 7/8	40	9/16	11.12	209
85	52 1/4	44 1/8	1 1/8	48 1/4	10	26 1/8	40 1/8	44	9/16	13.22	247

M and D are outside dimensions to match fan M and D dimensions. Tolerance: ± 1/8"

MATERIAL SPECIFICATIONS

Damper case and flanges

Sizes 10 - 15 AcF/PLR: 12 gauge
 All others: 7 gauge

Vanes

14 gauge	10 gauge	7 gauge
40-73 SW	10-36 SW	60-73 DW
30-54 DW	18-27 DW	
49-73 AF/RTS	24-44 AF/RTS	
57-85 GI	14-50 GI	

Vane Rods

5/8" diameter all SW, GI and
 18-40 DW dampers
 3/4" diameter 44-73 DW dampers

Control arm and linkage bars

1/4" x 1 1/4" steel