

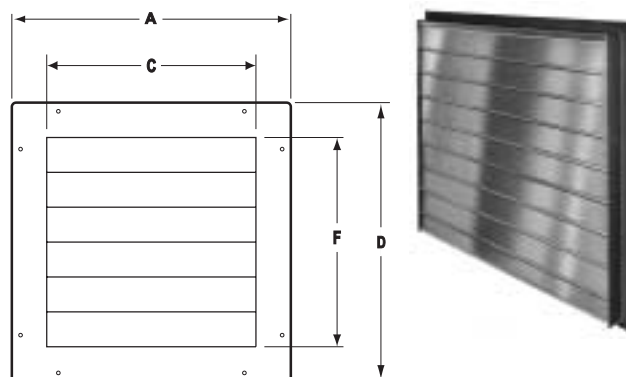


Backdraft Dampers

Models WAG, WAGH, WAGC, WAGCH, AW, AR & ARH



U.S. Fan manufactures a wide variety of backdraft dampers to meet most applications. Dampers are available in standard sizes in addition to custom sizes.



Wall Dampers (Model WAG or WAGC)

Constructed of rigid galvanized steel frame with double tie rods on the blades. Blades are industrial grade aluminum reinforced with steel rods. Nylon bearings are used to resist corrosion and prevent damper sticking making for quiet operation.

Heavy Duty Wall Dampers (Model WAGH or WAGCH)

Heavy duty dampers are recommended when the air velocity exceeds 1500 fpm and up to 2500 fpm. Heavy duty dampers are similar in construction to standard duty dampers except each blade has a formed reinforcement member providing extra strength and rigidity.

Center Pivot Wall Damper (Model WAGC or WAGCH)

When a supply type fan is used a motorized center pivot type damper, model WAGC-MT or WAGCH-MT should be substituted for the WAG or WAGH. For 2 HP units and larger, it is recommended that a time delay switch be utilized.

Automatic, Motorized or Manual

Dampers are available as Automatic, Motorized or Manual operated.

Automatic dampers open with the airflow of the fan and are spring closed.

Motorized dampers use a stall type motor and are spring closed. For motorized damper add "MT" to damper model number.

Manual dampers open with a pull chain and are spring closed. For manual damper add "ML" to damper model number.

Roof Dampers (Model AR or ARH)

All aluminum multiple blade construction with precision balanced full opening blades and nylon bearings. Wide damper frame accommodates flush installation to ceiling opening or mounting frame in roof opening. The damper mounts inside U.S. Fan prefabricated curb and is available as automatic or motor operated. Model ARH is a heavy duty damper.

Wall Damper (Model AW)

Attractive all aluminum multiple blade damper is constructed for flush mounting to interior wall when square duct is used. It has precision counter-balanced, full opening blades.

Fast Ship Program	Next Day	10-Day
AR	•	•
AW	•	•
ARH	•	•
WAG	•	•
WAGC	•	•

*Not available in Fast Program

WAG & WAGH DIMENSIONS					
Standard Duty		Heavy Duty		Overall Flange Size	Damper Size
Model	Wt. lbs.	Model	Wt. lbs.	A x D	C x F
WAG1212	6	*WAGH1212	7	12 x 12	9 x 9
WAG1414	8	*WAGH1414	9	14 x 14	11 x 11
*WAG1515	9	*WAGH1515	10	15 x 15	12 x 12
WAG1616	9	*WAGH1616	10	16 x 16	13 x 13
WAG1818	10	*WAGH1818	11	18 x 18	15 x 15
WAG2121	11	*WAGH2121	12	21 x 21	18 x 18
*WAG2222	11	*WAGH2222	12	22 x 22	19 x 19
*WAG2323	12	WAGH2323	13	23 x 23	20 x 20
*WAG2626	14	*WAGH2626	15	26 x 26	23 x 23
*WAG2727	15	*WAGH2727	16	27 x 27	24 x 24
WAG2828	16	WAGH2828	17	28 x 28	25 x 25
*WAG3030	17	*WAGH3030	19	30 x 30	27 x 27
*WAG3232	20	*WAGH3232	22	32 x 32	29 x 29
*WAG3333	22	*WAGH3333	24	33 x 33	30 x 30
WAG3434	23	WAGH3434	25	34 x 34	31 x 31
*WAG3737	24	*WAGH3737	26	37 x 37	34 x 34
*WAG3838	25	*WAGH3838	27	38 x 38	35 x 35
*WAG3939	26	*WAGH3939	28	39 x 39	36 x 36
WAG4040	28	WAGH4040	30	40 x 40	37 x 37
*WAG4444	29	*WAGH4444	31	44 x 44	41 x 41
*WAG4545	30	*WAGH4545	33	45 x 45	42 x 42
WAG4646	32	WAGH4646	35	46 x 46	43 x 43
*WAG4848	34	WAGH4848	37	48 x 48	45 x 45
*WAG5050	36	*WAGH5050	39	50 X 50	47 X 47
*WAG5252	38	*WAGH5252	41	52 X 52	49 X 49
WAG5454	40	WAGH5454	45	54 x 54	51 x 51
*WAG6060	54	WAGH6060	61	60 x 60	57 x 57

Dimensions are shown in inches.

AR & ARH DIMENSIONS			
Model	Wt. lbs.	Overall Flange Size	Damper Size
		A x D	C x F
AR8.75	4	8.75 x 8.75	5.75 x 5.75
AR11	5	11 x 11	8 x 8
*AR12	5	12 x 12	9 x 9
AR14	6	14 x 14	11 x 11
AR16	6	16 x 16	13 x 13
AR18	7	18 x 18	15 x 15
AR20	8	20 x 20	17 x 17
AR22	9	22 x 22	19 x 19
AR23	11	23 x 23	20 x 20
*AR26	13	26 x 26	23 x 23
AR28	15	28 x 28	25 x 25
*AR30	16	30 x 30	27 x 27
*AR32	18	32 x 32	29 x 29
AR34/ARH34	21	34 x 34	31 x 31
*AR38	23	38 x 38	35 x 35
AR40/ARH40	26	40 x 40	37 x 37
*AR44	28	44 x 44	41 x 41
AR48	32	48 x 48	45 x 45
AR54/ARH54	37	54 x 54	51 x 51

Dimensions are shown in inches.