

ENGINEERING DATA



Model: M+MG2

Dual Purpose Barometric Draft Control
(with single or double acting control functionality)



PRODUCT INFORMATION

MODEL	PART NUMBERS
10" M+MG2	01950201
12" M+MG2	01952701
14" M+MG2	01986901
16" M+MG2	01987001
18" M+MG2	01987101
20" M+MG2	01988601
24" M+MG2	01967701
28" M+MG2	01967601
32" M+MG2	01967201

ITEMS INCLUDED

- Draft Control
- Collar
- Bagged Hardware Assy
- Mounting Straps (2)
- Instructions

LISTING INFORMATION

cULus MP1275
CSA US

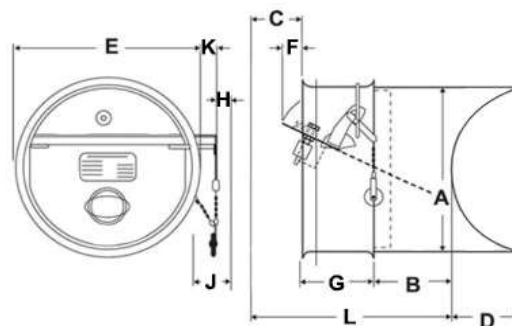
The Type M+MG2 Commercial Draft Control models are a series of compact, rugged, heavy duty controls for use on large residential, commercial and industrial applications. This is a dual purpose control, with single or double-acting control functionality.

Single Acting Control - The control is configured creating functionality similar to the Type M controls, when the stop and two cover plates are in place. This control is for use with oil or solid fuels.

Double Acting Control - The control is configured as Type MG-1 (double acting) when the stop and two cover plates are removed. This configuration is then for use with gas appliances. The M+MG2 Draft Control provides precise draft regulation for solid fuels, oil, gas, or appliances requiring only the simplest, on-the-job adjustments depending on which fuel is to be utilized.

- **SAFE:** Maintains the boiler's draft to burn fuel more efficiently
- **EASY INSTALLATION:** Collar included to ensure a safe, snug fit
- **EFFICIENT:** Adjust air flow rate to produce a steady, safe, and efficient flame

DIMENSIONAL DATA



*C and L are referencing required clearance in front of draft control.

MODEL	A	B	C	D	E	F	G	H	J	K	L
10" M+MG2	10	4-3/8	5	4-1/4	11	1-1/8	4-3/4	1	3-1/2	1	14-1/8
12" M+MG2	12	5-3/4	6	5	13-1/4	1-3/4	4-3/4	1	3-1/2	7/8	16-1/2
14" M+MG2	14	7-1/8	7	5-3/4	15-1/2	2-1/8	5-1/8	1	3-1/2	5/8	19-1/4
16" M+MG2	16	8-3/8	8	6-1/2	17-1/2	2-3/8	5-5/8	1-1/2	4	5/8	22
18" M+MG2	18	8-1/4	9	7-1/2	19-1/2	2-3/4	7-3/8	1-1/2	5-1/4	1-5/8	24-5/8
20" M+MG2	20	9-5/8	10	8-1/8	22	3	7-3/4	1-1/2	6-1/4	1-1/4	27-3/8
24" M+MG2	24	12-3/8	12	10-1/2	26	3-5/8	8-5/8	2	6-1/4	1-1/4	33
28" M+MG2	28	13-1/8	14	-	30-1/2	4-1/8	11-3/8	2	6-1/4	7/8	38-1/2
32" M+MG2	32	15-3/8	16	-	35	4-3/4	12-1/8	2	6-1/4	5/8	43-1/2



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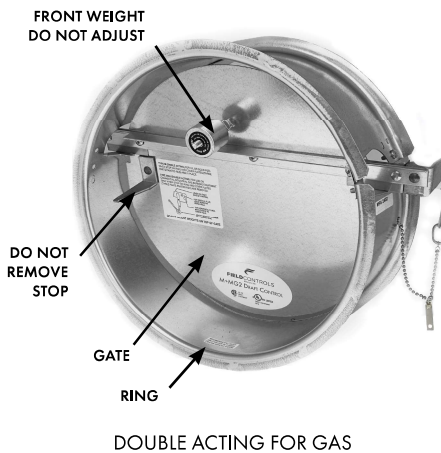
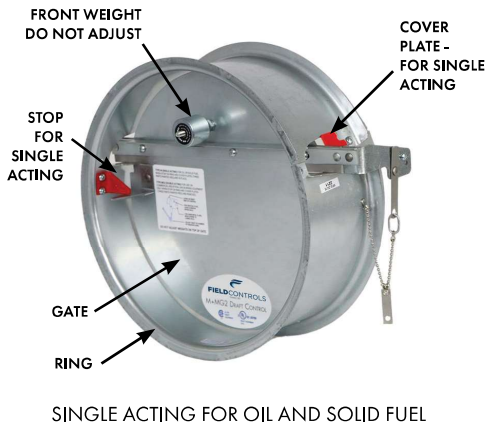


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ENGINEERING DATA M+MG2

M+MG2 PRODUCT SPECIFICATIONS

MODEL	CONTROL SIZE	NOMINAL CAPACITY (SQ IN)	RECOMMENDED PIPE SIZES (IN)		BAND, RING O.D. MAX./MIN. (in.)	MOUNTING BAND WIDTH MAX./MIN (in.)	ADAPTER LENGTH (in.)
			DIA	CIRCUM			
10" M+MG2	10	78.5	9-10	28-1/4 to 31-1/2	9.963/9.896	1.016/0.954	4.375
12" M+MG2	12	113	11-12	34-1/2 to 37-3/4	11.963/11.896	1.016/0.954	5.75
14" M+MG2	14	154	13-14	40-3/4 to 44	13.963/13.896	1.266/1.204	7.125
16" M+MG2	16	201	15-16	47 to 50-1/4	15.963/15.896	1.266/1.204	8.375
18" M+MG2	18	255	17-18	53-1/2 to 56-1/2	17.963/17.896	1.266/1.204	8.25
20" M+MG2	20	314	19-21	59-3/4 to 66	19.963/19.896	1.766/1.454	9.625
24" M+MG2	24	452	22-25	69 to 78-1/2	23.963/23.896	1.516/1.454	12.375
28" M+MG2	28	616	26-30	81-3/4 to 94-1/2	27.963/27.896	1.873/1.723	13.125
32" M+MG2	32	804	31-34	97-1/2 to 107	31.963/31.896	1.913/1.861	15.275



CONTROL LOCATIONS

The control **MUST** be installed in the same room as the appliance.

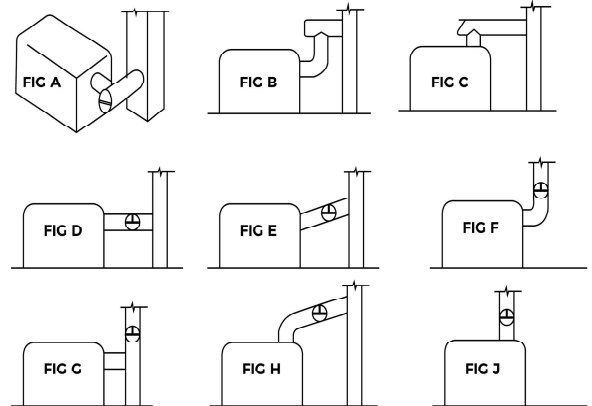
Do **NOT** install the draft control in any of the Unacceptable Locations shown in Fig K through Fig O.

For gas-fired atmospheric equipment, the draft control must be installed per one of the Acceptable Locations shown in Fig A through Fig J.

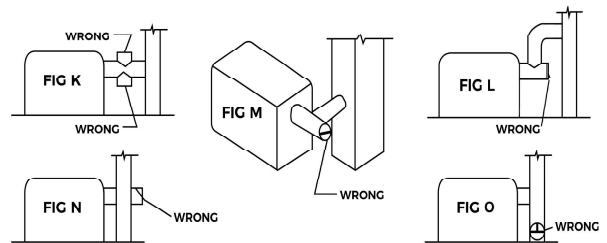
For non-atmospheric gas-fired equipment, Fig D thru J show acceptable locations.

For oil or solid fuel-fired equipment, Fig D through Fig J show acceptable locations. The control must also be located at least 18" from a combustible ceiling or wall. If a stack switch is installed in the vent, locate the control at least 12" downstream from the stack switch.

ACCEPTABLE LOCATIONS



UNACCEPTABLE LOCATIONS



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PROJECT INFORMATION

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	