

2-Way and 3-Way “Y” Valves

- Offered in both manual and air operated platforms
- Operated in gravity flow systems
- Equipped with square, flanged inlet, and outlet ports
- Fabricated 10 gauge carbon steel, stainless steel, or aluminum

Application

The Coperion 2-Way and 3-Way ‘Y’ Valves are available in manual or air-operated platforms and are used in gravity flow systems. Both the manual and air-operated diverters come equipped with square, flanged inlet and outlet ports.

The 2-Way ‘Y’ Valve is designed to divert product flow in gravity systems from one source into two destinations. The valve has one straight through leg and a second leg to divert product flow at 30°.

The 3-Way ‘Y’ Valve diverts product flow from one source into one of three destinations. It is designed with one straight through leg and two 30° off-vertical-centerline legs to divert product flow.

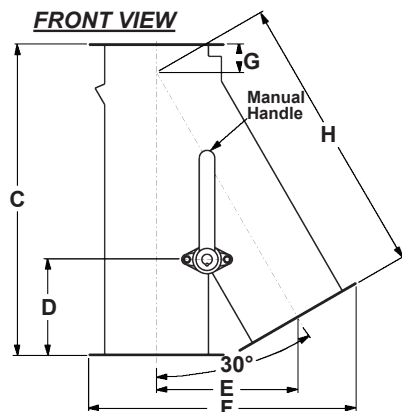
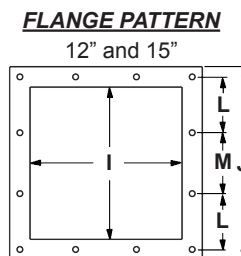
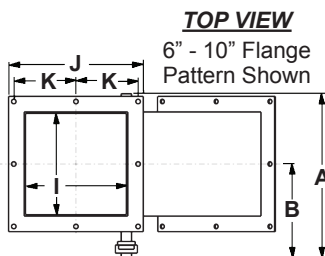


Features

- Fully welded exterior
- Fabricated 10 gauge carbon steel, stainless steel or aluminum
- Flanged inlets and outlets
- Neoprene (55 Durometer) sandwiched flapper with shaft, bearings and bearing seal
- Temperature range -20° to 200 °F

Options (Air Operated Only)

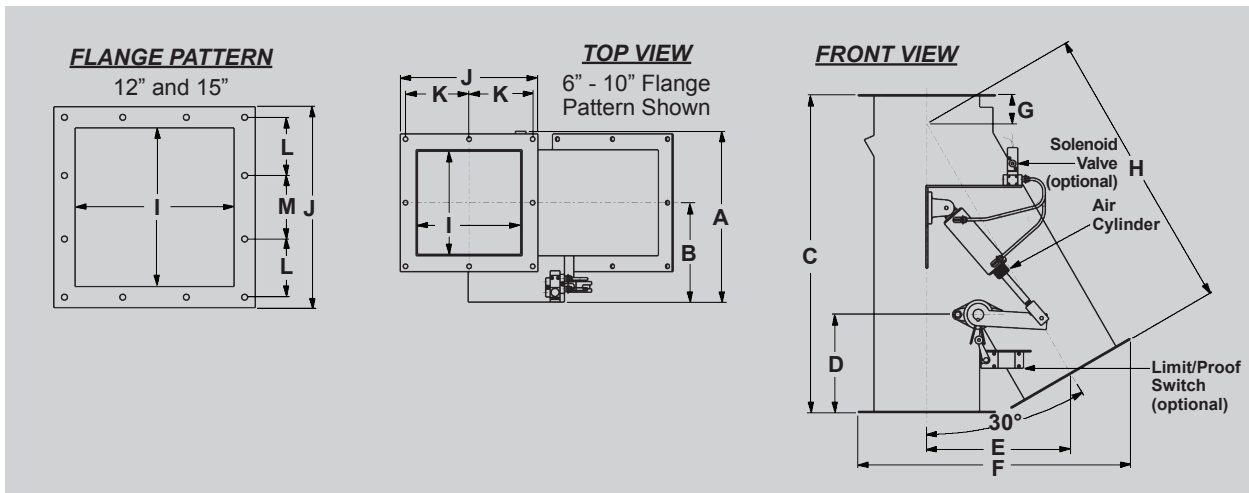
- Operating cylinder requires 80-100 psig clean, dry air
- 4-way, NEMA 4 or NEMA 9 solenoid air control valve requires 120 VAC, 60 Hz, single phase, 6.2 - 6.3 watt power source. ¼" FNPT air connection and ½" conduit connection.



2-Way “Y” Valve (Manual)

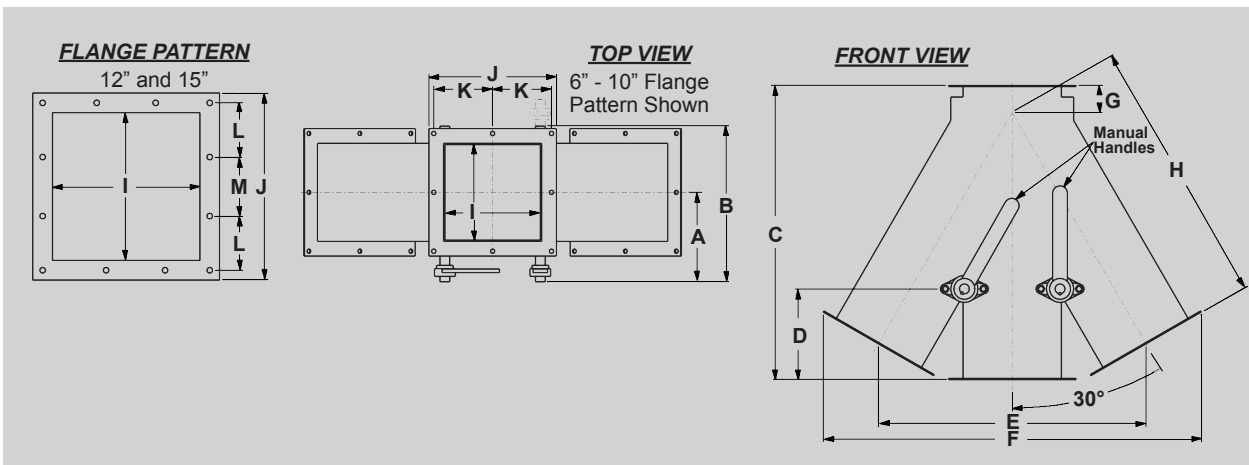
Model	Dimensions (inches)														Weight (lbs.)
	A	B	C	D	E	F	G	H	I	J	K	L	M		
6"	11.88	7.13	22	9.25	9.88	18.31	2.25	19.75	6	9	4.13	n/a	n/a		71
8"	13.88	8.13	26	9.25	11.75	22	2.5	23.5	8	11	4.75	n/a	n/a		98
10"	15.88	9.13	30	9.25	13.63	25.75	2.75	27.25	10	13	6	n/a	n/a		128
12"	18.13	10.13	34	9.25	15.5	30.44	3	31	12	16	n/a	4.69	4.63		158
15"	22.8	13	40	9.5	18.25	36	3.5	36.5	15	19	n/a	5.5	6		233

Dimensions



2-Way “Y” Valve (Air Operated)

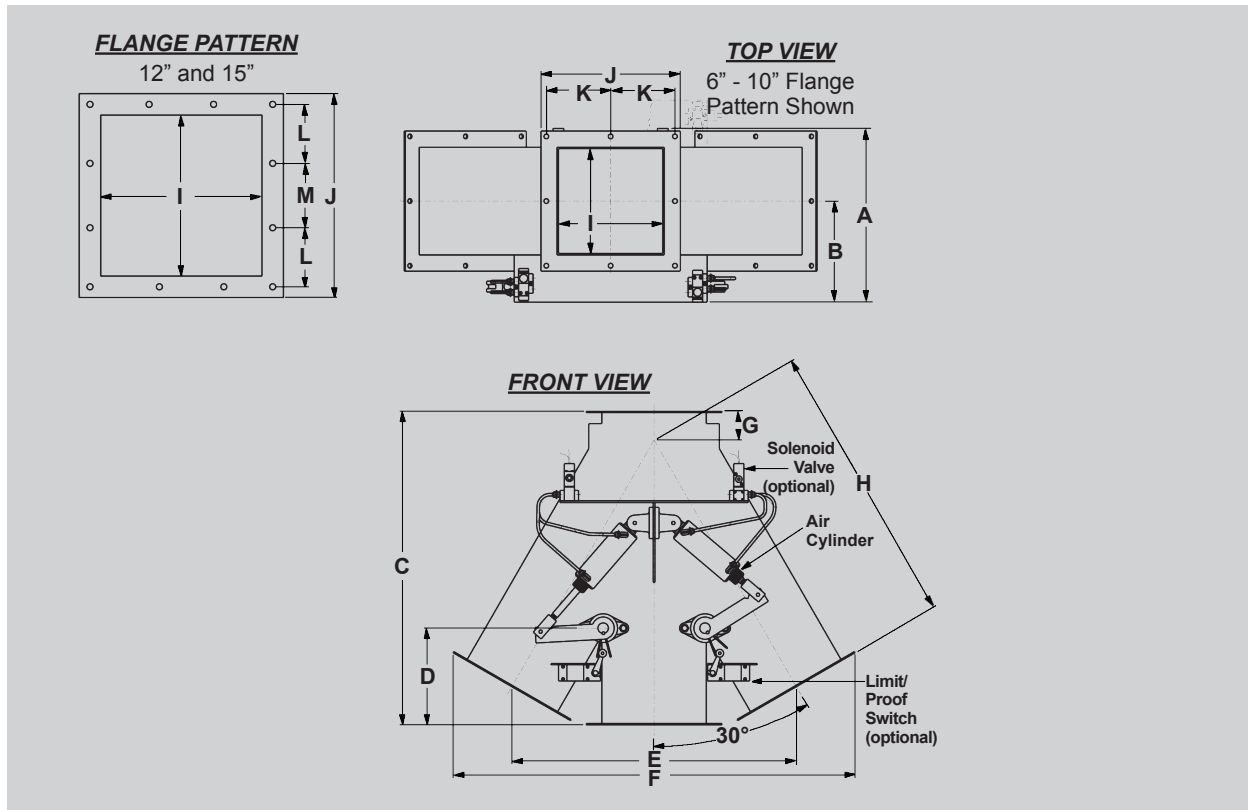
Model	Dimensions (inches)													Weight (lbs.)
	A	B	C	D	E	F	G	H	I	J	K	L	M	
6"	11.88	7.38	22	9.25	9.88	18.31	2.25	19.75	6	9	4.13	n/a	n/a	93
8"	14.13	8.38	26	9.25	11.75	22	2.5	23.5	8	11	4.75	n/a	n/a	120
10"	16.13	9.38	30	9.25	13.63	25.75	2.75	27.25	10	13	6	n/a	n/a	154
12"	18.38	10.38	34	9.25	15.5	30.44	3	31	12	16	n/a	4.69	4.63	186
15"	23.19	13.31	40	9.5	18.25	36	3.5	36.5	15	19	n/a	5.5	6	260



3-Way “Y” Valve (Manual)

Model	Dimensions (inches)													Weight (lbs.)
	A	B	C	D	E	F	G	H	I	J	K	L	M	
6"	7.13	14.25	22	9.25	19.75	27.56	2.25	19.75	6	9	4.13	n/a	n/a	95
8"	8.13	13.88	26	9.25	23.5	33	2.5	23.5	8	11	4.75	n/a	n/a	130
10"	9.13	15.88	30	9.25	27.25	38.5	2.75	27.25	10	13	6	n/a	n/a	170
12"	10.13	18.13	34	9.25	31	44.88	3	31	12	16	n/a	4.63	4.63	210
15"	13	22.88	40	9.5	36.5	52.94	3.5	36.5	15	19	n/a	5.5	6	310

Dimensions



3-Way "Y" Valve (Air Operated)

	Dimensions (inches)													Weight (lbs.)
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	
6"	14.75	7.38	22	9.25	19.75	27.56	2.25	19.75	6	9	4.13	n/a	n/a	123
8"	14.13	8.38	26	9.25	23.5	33	2.5	23.5	8	11	4.75	n/a	n/a	160
10"	16.13	9.38	30	9.25	27.25	38.5	2.75	27.25	10	13	6	n/a	n/a	205
12"	18.38	10.38	34	9.25	31	44.88	3	31	12	16	n/a	4.69	4.63	248
15"	23.19	13.31	40	9.5	36.5	52.94	3.5	36.5	15	19	n/a	5.5	6	346

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