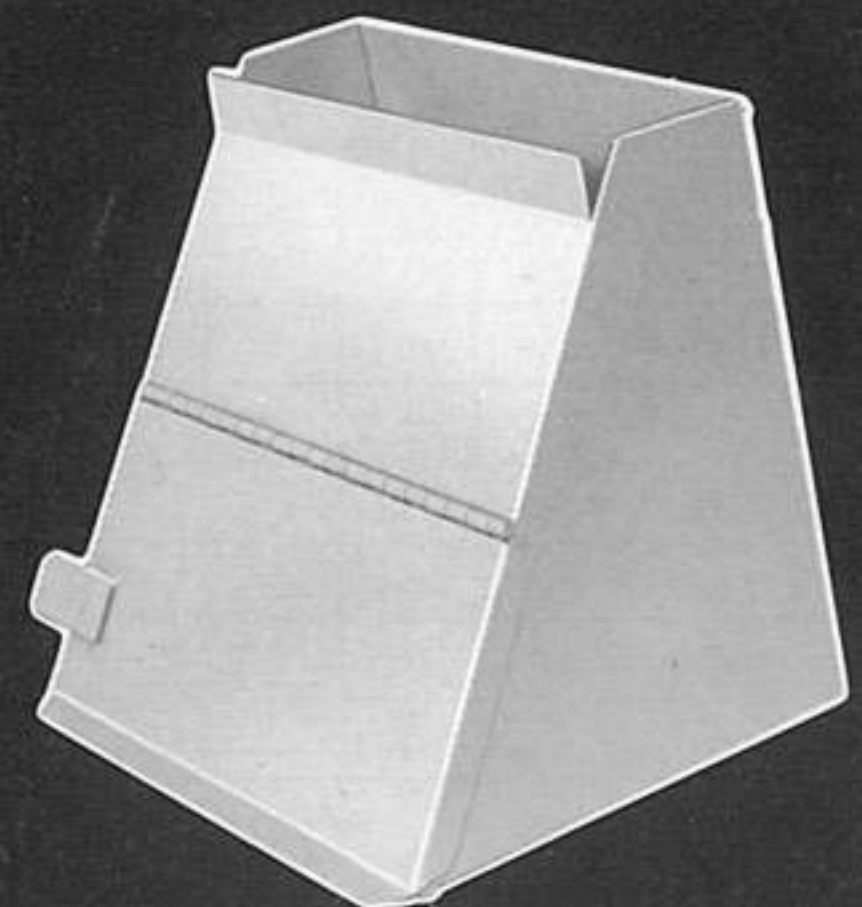
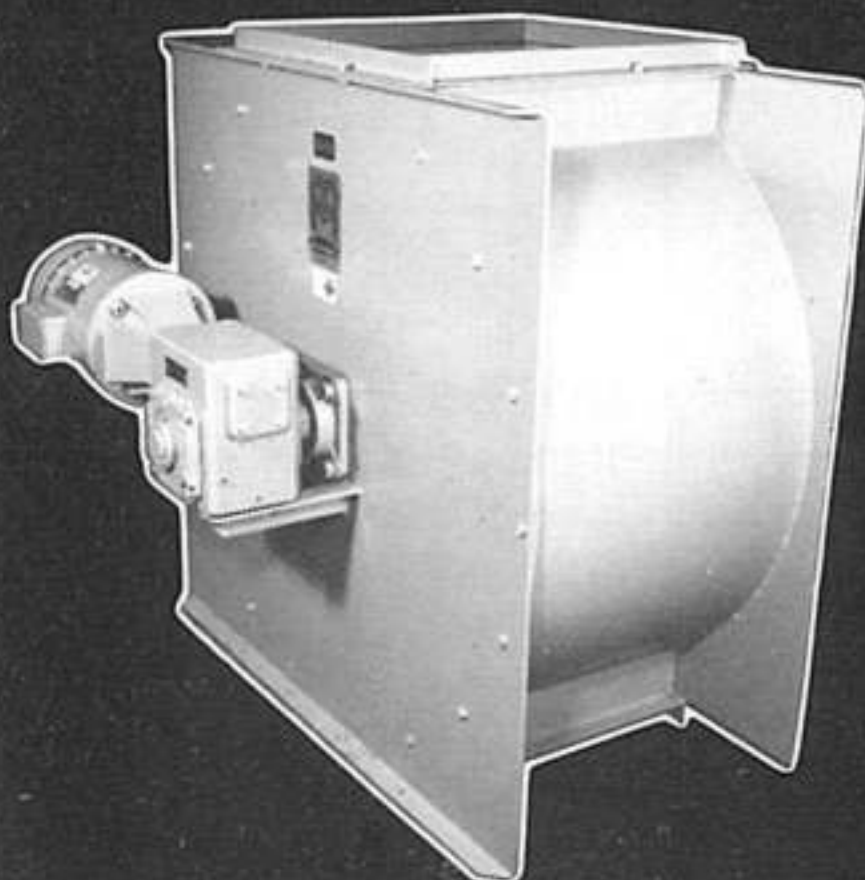
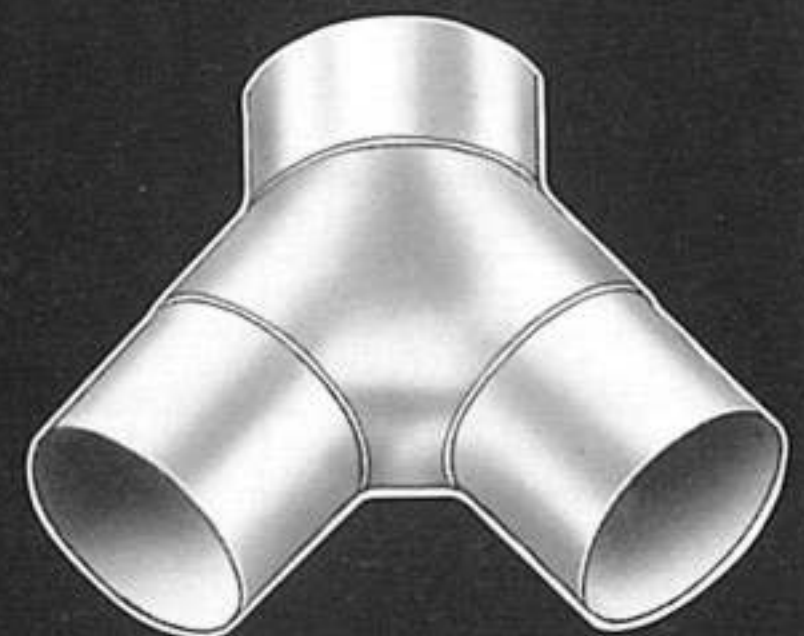
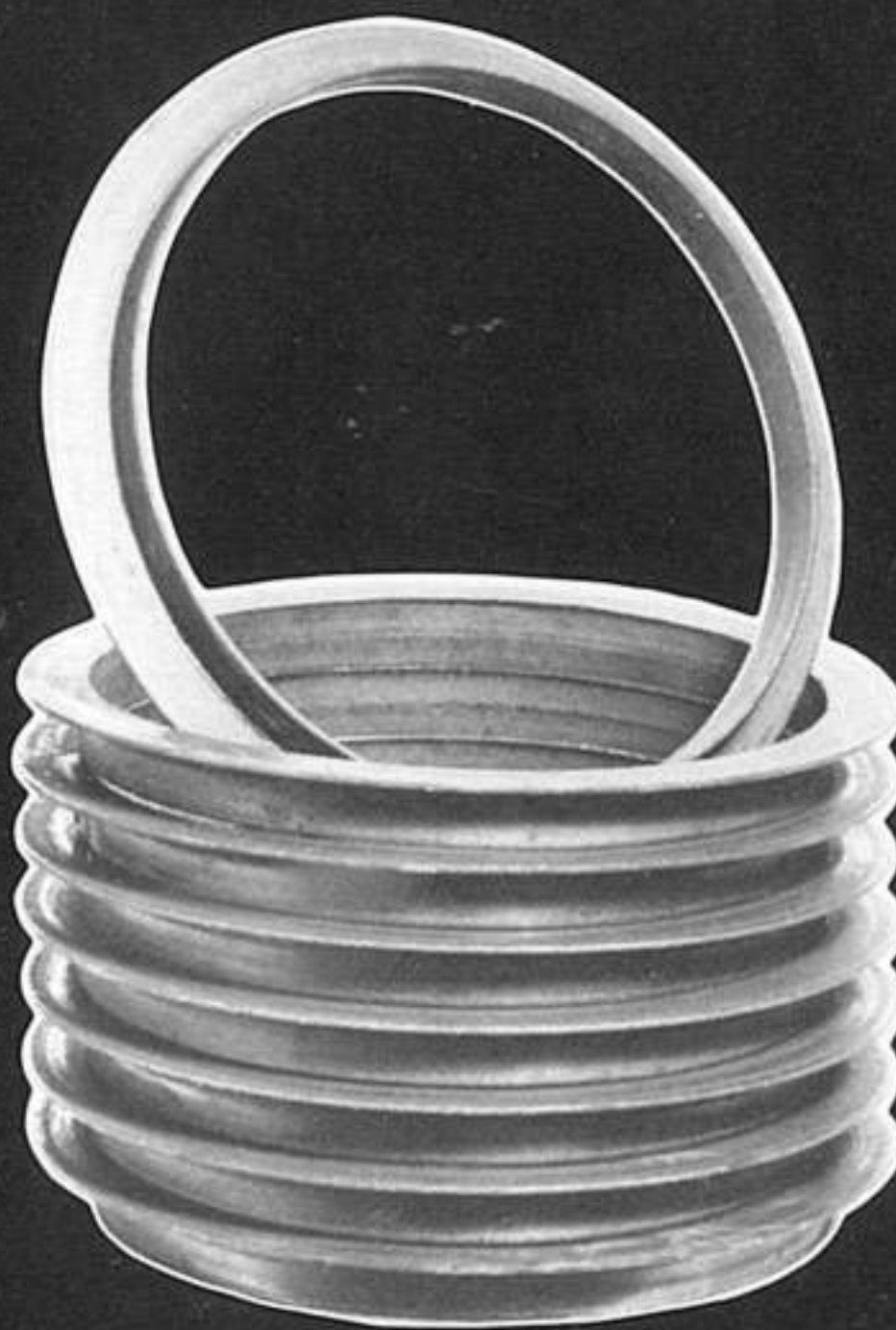
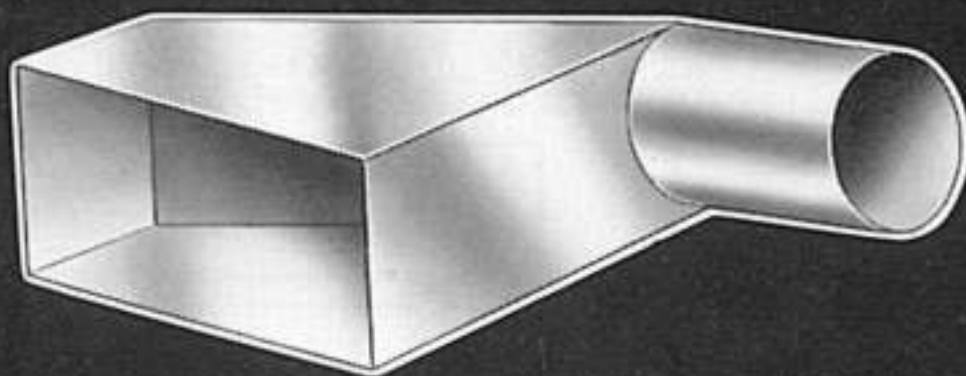
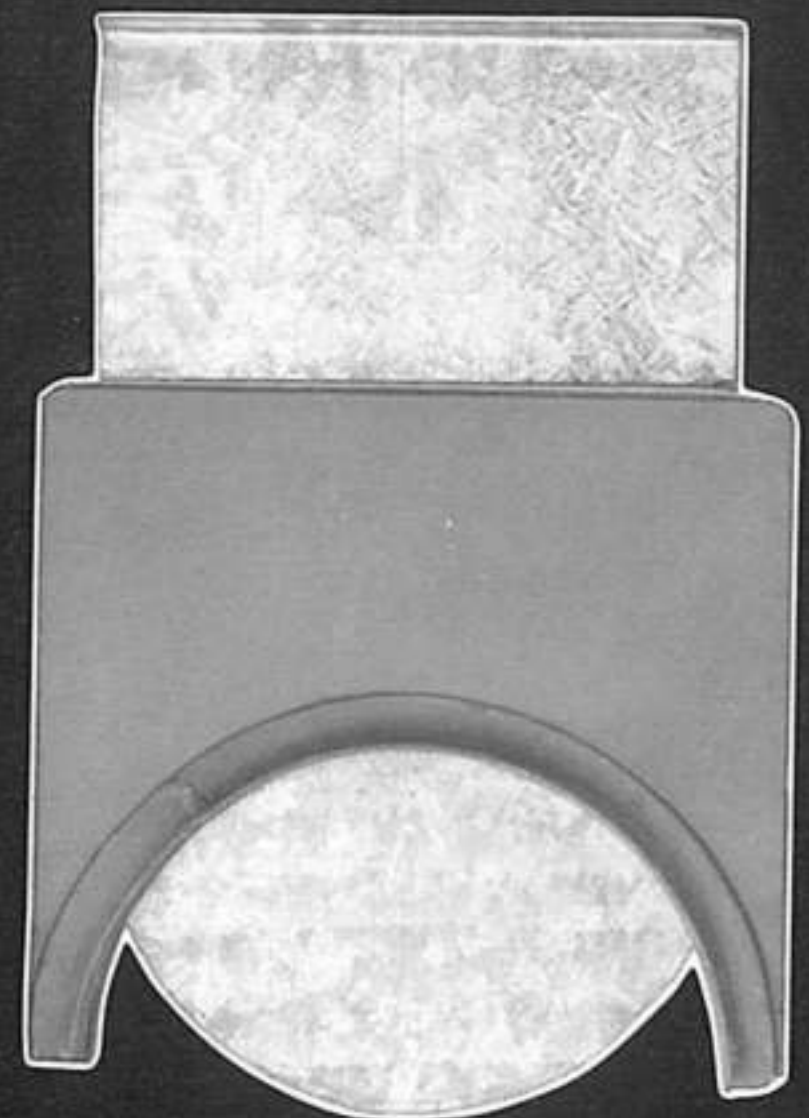
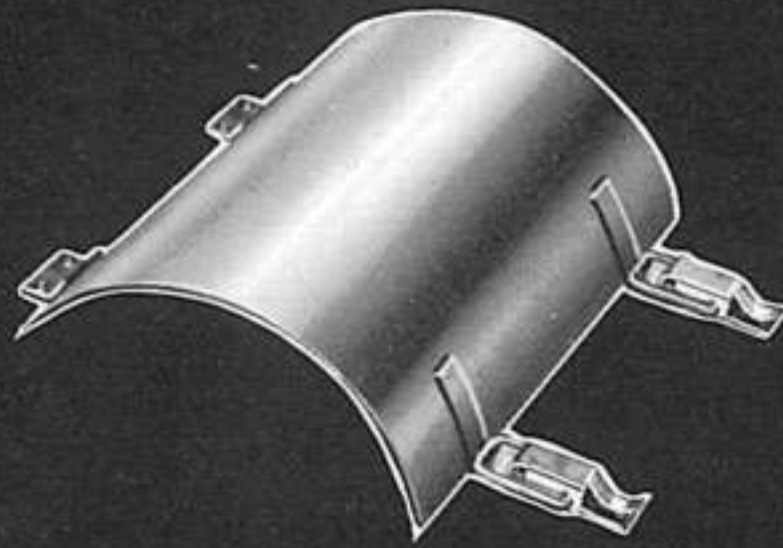
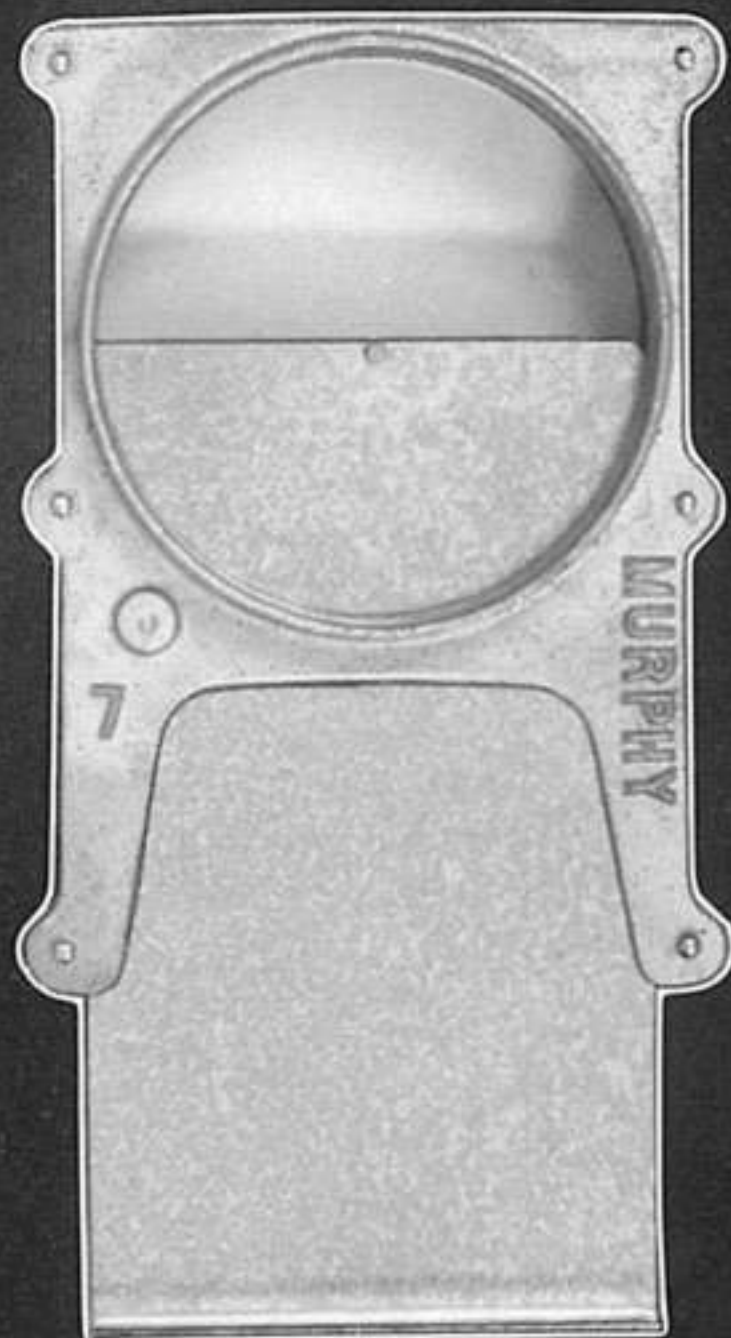


Accessories

FOR DUST & AIR HANDLING SYSTEMS



MURPHY
®

N.R. MURPHY LTD.
430 Franklin Boulevard,
Cambridge, Ontario N1R 8G6
Telephone: 519-621-6210 Fax: 519-621-2841

STAMPED & ROLLED ANGLE RINGS

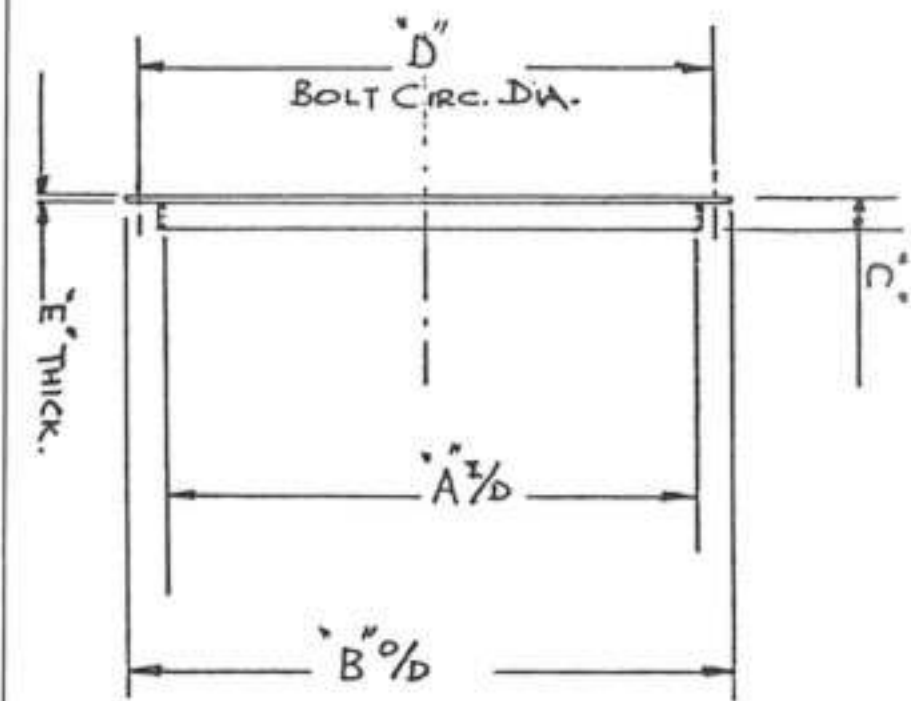
N.R. Murphy companion rings are mainly used in joining sheet metal ducts together in dust and air handling systems. Standard

steel rings are of black iron unpainted and available from stock. Larger sizes and other alloys are also available.

STANDARD LEG OUT DIMENSION CHART

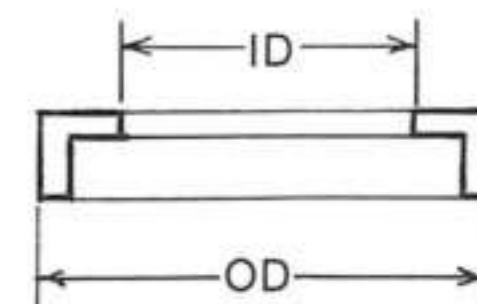
Size	"A" I/D		"B" O/D		"C" Width		"D" Bolt Circ		"E" Thick		No. of Bolt Holes	Bolt Hole Dia.		App. Wgt. Lbs.	Angle Size	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		In.	mm		In.	mm
4	4 1/16"	103.19	6 1/16"	153.99	1"	25.4	5 3/16"	131.76	1/8"	3.17	4	3/8"	9.52	.85	STAMPED 1" x 1" x 1/8"	25.4 x 25.4 x 3.17
5	5 1/16"	128.59	7 1/16"	179.39	1"	25.4	6 3/16"	157.16	"	"	4	"	"	1.17		
6	6 3/32"	158.74	8 3/32"	205.58	"	"	7 5/16"	185.74	"	"	6	"	"	1.37		
7	7 1/8"	180.97	9 1/8"	231.77	"	"	8 7/16"	214.31	"	"	6	"	"	1.52		
8	8 1/8"	206.37	10 1/8"	257.17	"	"	9 7/16"	239.71	"	"	6	"	"	2.10		
9	9 1/16"	230.19	11 1/16"	280.99	"	"	10 1/8"	257.18	"	"	6	"	"	1.90		
10	10 1/16"	255.59	12 1/16"	306.39	"	"	11 1/8"	282.58	"	"	6	"	"	1.70		
11	11 1/16"	280.99	13 1/16"	331.79	"	"	12 1/8"	307.98	"	"	6	"	"	2.32	1 1/4" x 1 1/4" x 3/8"	31.75 x 31.75 x 3.17
12	12 1/16"	306.39	14 1/16"	369.89	1 1/4"	31.75	13 1/2"	342.90	1/8"	3.17	7	7/16"	11.11	3.20		
13	13 1/16"	331.79	15 1/16"	395.29	"	"	14 1/2"	368.30	"	"	8	"	"	3.44		
14	14 1/16"	357.19	16 1/16"	420.69	"	"	15 3/8"	390.53	"	"	8	"	"	3.70		
15	15 1/16"	382.59	17 1/16"	446.09	"	"	16 3/8"	415.93	"	"	9	"	"	3.97		
16	16 1/16"	407.99	18 1/16"	471.49	"	"	17 3/8"	441.33	"	"	10	"	"	4.20		
17	17 1/8"	434.97	20 1/8"	511.17	1 1/2"	38.1	18 3/4"	476.25	3/16"	4.76	10	7/16"	11.11	8.10	1 1/2" x 1 1/2" x 3/16"	38.1 x 38.1 x 4.76
18	18 1/8"	460.37	21 1/8"	536.57	"	"	19 1/2"	495.30	"	"	11	"	"	8.64		
19	19 1/8"	485.77	22 1/8"	561.97	"	"	20 5/8"	523.88	"	"	11	"	"	9.00		
20	20 1/8"	511.17	23 1/8"	587.37	"	"	21 11/16"	550.86	"	"	12	"	"	9.45		
21	21 1/8"	536.57	24 1/8"	612.77	"	"	22 5/8"	574.68	"	"	12	"	"	9.90		
22	22 1/8"	561.97	25 1/8"	638.17	"	"	23 1/2"	596.90	"	"	12	"	"	10.44		
23	23 1/8"	587.37	26 1/8"	663.57	"	"	24 13/16"	630.24	"	"	13	"	"	10.85		
24	24 1/8"	612.77	27 1/8"	688.97	"	"	25 9/16"	649.29	"	"	13	"	"	11.35		
25	25 1/8"	638.17	28 1/8"	714.37	"	"	26 5/8"	676.28	"	"	13	"	"	11.79		
26	26 1/8"	663.57	29 1/8"	739.77	"	"	27 5/8"	701.68	"	"	14	"	"	12.30		
27	27 1/8"	688.97	30 1/8"	765.17	"	"	28 11/16"	728.66	"	"	15	"	"	12.74		
28	28 1/8"	714.37	31 1/8"	790.57	"	"	29 5/8"	752.48	"	"	15	"	"	13.35		
29	29 1/8"	739.77	32 1/8"	815.97	"	"	30 3/4"	781.05	"	"	16	"	"	13.68		
30	30 1/8"	765.17	33 1/8"	841.37	"	"	31 1/2"	800.10	"	"	16	"	"	14.22		
31	31 1/8"	790.57	34 1/8"	866.77	"	"	32 5/8"	828.68	"	"	17	"	"	14.76		
32	32 1/8"	815.97	35 1/8"	892.17	"	"	33 9/16"	852.49	"	"	17	"	"	15.12		
33	33 1/8"	841.37	36 1/8"	917.57	"	"	34 11/16"	881.06	"	"	18	"	"	15.66		
34	34 1/8"	866.77	37 1/8"	942.97	"	"	35 5/8"	904.88	"	"	18	"	"	16.20		
35	35 1/8"	892.17	38 1/8"	968.37	"	"	36 5/8"	930.28	"	"	19	"	"	16.56		
36	36 1/8"	917.57	39 1/8"	993.77	"	"	37 5/8"	955.68	"	"	19	"	"	17.10		
37	37 1/8"	942.98	40 1/8"	1019.18	"	"	39 9/16"	979.49	"	"	20	"	"	17.46		
38	38 1/8"	968.38	41 1/8"	1044.58	"	"	39 5/8"	1006.48	"	"	20	"	"	18.00		
39	39 1/8"	993.78	42 1/8"	1069.98	"	"	40 7/8"	1038.23	"	"	22	"	"	18.54		
40	40 1/8"	1019.18	43 1/8"	1095.38	"	"	41 7/8"	1063.63	"	"	22	"	"	18.90		
41	41 1/8"	1044.58	44 1/8"	1120.78	"	"	42 3/4"	1085.85	"	"	23	"	"	19.44		
42	42 1/8"	1069.98	45 1/8"	1146.18	"	"	43 11/16"	1109.66	"	"	23	"	"	19.80		
48	48 1/8"	1222.38	51 1/8"	1298.58	"	"	49 7/8"	1266.83	"	"	26	"	"	22.68		
50	50 1/8"	1273.18	53 1/8"	1349.38	"	"	51 3/4"	1314.45	"	"	27	"	"	23.60		

NOTE: OVER 50" DIA. = 6" SPACING OF 7/16" DIA. HOLES.

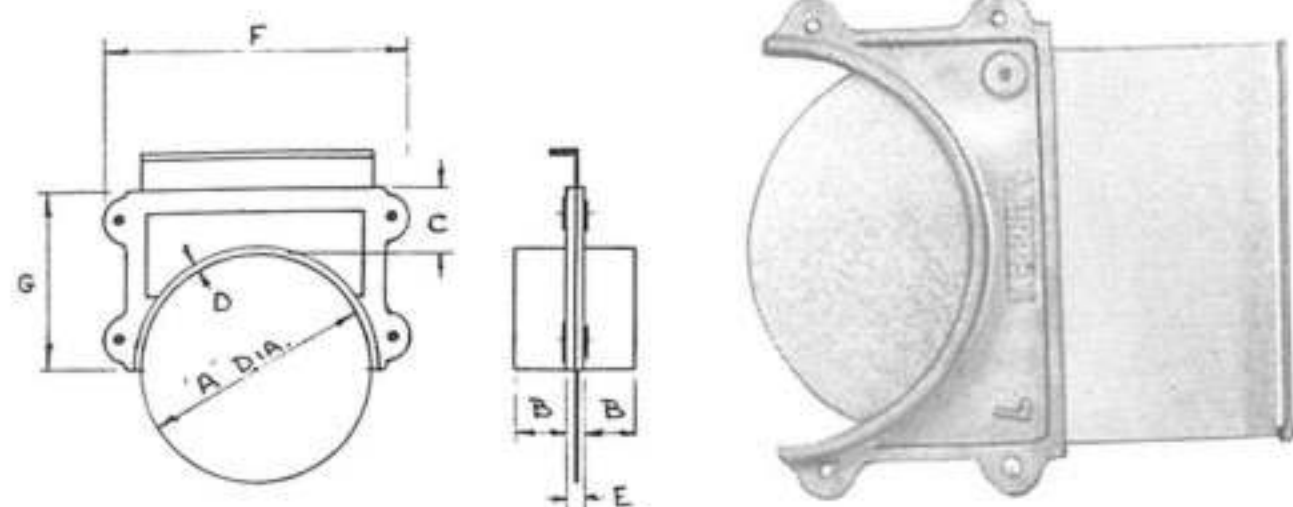


NOTES

1. Standard rings are of mild steel angle and unpainted.
2. When ordering state size only, drilled or not drilled.
3. Custom rolling and special rings are available, please send detailed sketch.
4. When ordering leg in ring please state O.D. dimensions, angle size & thickness. (see sketch below)



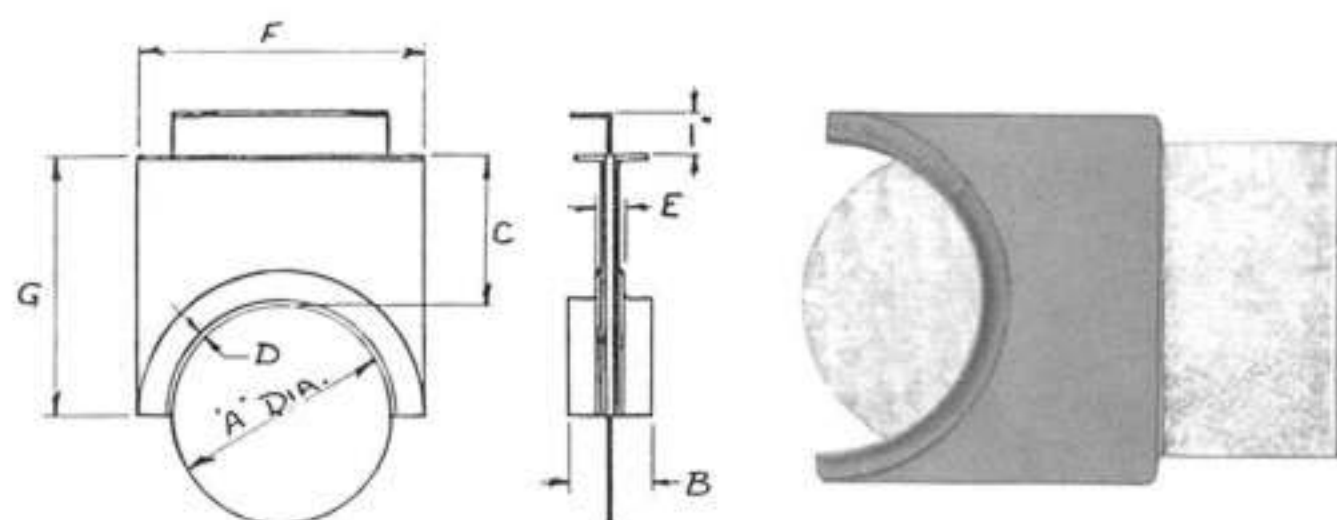
HALF COLLAR BLAST GATE CAST ALUMINUM



SIZE	A	B	C	D	E	F	G
3	3	$\frac{7}{8}$	$1\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$4\frac{3}{4}$	$2\frac{3}{4}$
4	4	$\frac{7}{8}$	$1\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$5\frac{5}{8}$	$3\frac{3}{8}$
5	5	$\frac{7}{8}$	$1\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$6\frac{3}{4}$	4
6	6	$\frac{7}{8}$	$1\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	8	$4\frac{3}{8}$
7	7	$\frac{7}{8}$	$1\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{2}$	9	5
8	8	$\frac{7}{8}$	$1\frac{9}{16}$	$\frac{1}{4}$	$\frac{1}{2}$	10	$5\frac{3}{8}$

When ordering, please state size (pipe diameter).

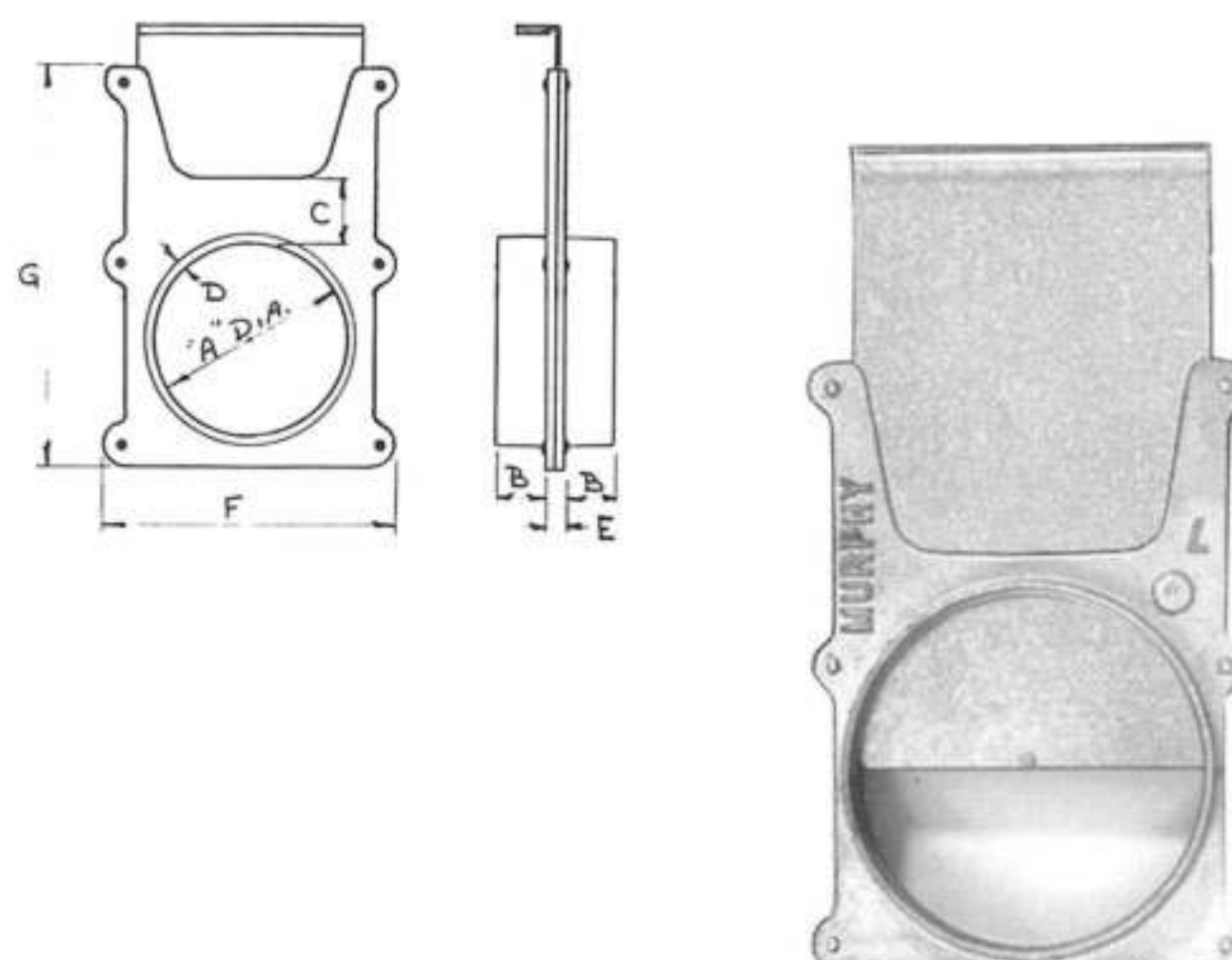
HALF COLLAR BLAST GATE FABRICATED



SIZE	A	B	C	D	E	F	G
11	$11\frac{1}{16}$	$2\frac{1}{2}$	$5\frac{1}{2}$	$\frac{1}{8}$	$\frac{9}{16}$	13	11
12	$12\frac{1}{16}$	3	6	$\frac{1}{8}$	$\frac{9}{16}$	$14\frac{1}{2}$	12
13	$13\frac{1}{16}$	3	$6\frac{1}{2}$	$\frac{1}{8}$	$\frac{9}{16}$	$15\frac{1}{2}$	13
14	$14\frac{1}{16}$	3	7	$\frac{1}{8}$	$\frac{5}{8}$	$16\frac{1}{2}$	14
15	$15\frac{1}{16}$	3	$7\frac{1}{2}$	$\frac{1}{8}$	$\frac{5}{8}$	$17\frac{1}{2}$	15
16	$16\frac{1}{16}$	3	8	$\frac{1}{8}$	$\frac{5}{8}$	$18\frac{1}{2}$	16
18	$18\frac{1}{8}$	$3\frac{1}{2}$	9	$\frac{3}{16}$	$1\frac{1}{16}$	21	18
20	$20\frac{1}{8}$	$3\frac{1}{2}$	10	$\frac{3}{16}$	$1\frac{1}{16}$	23	20
22	$22\frac{1}{8}$	$3\frac{1}{2}$	11	$\frac{3}{16}$	$1\frac{1}{16}$	25	22
24	$24\frac{1}{8}$	$3\frac{1}{2}$	12	$\frac{3}{16}$	$1\frac{1}{16}$	27	24
26	$26\frac{1}{8}$	$3\frac{1}{2}$	13	$\frac{3}{16}$	$1\frac{1}{16}$	29	26
30	$30\frac{1}{8}$	$3\frac{1}{2}$	15	$\frac{3}{16}$	$1\frac{1}{16}$	33	30

1. Fabricated Blast Gates are made of steel with galvanized slides.
2. When ordering, please state size (pipe diameter) other sizes available upon request.

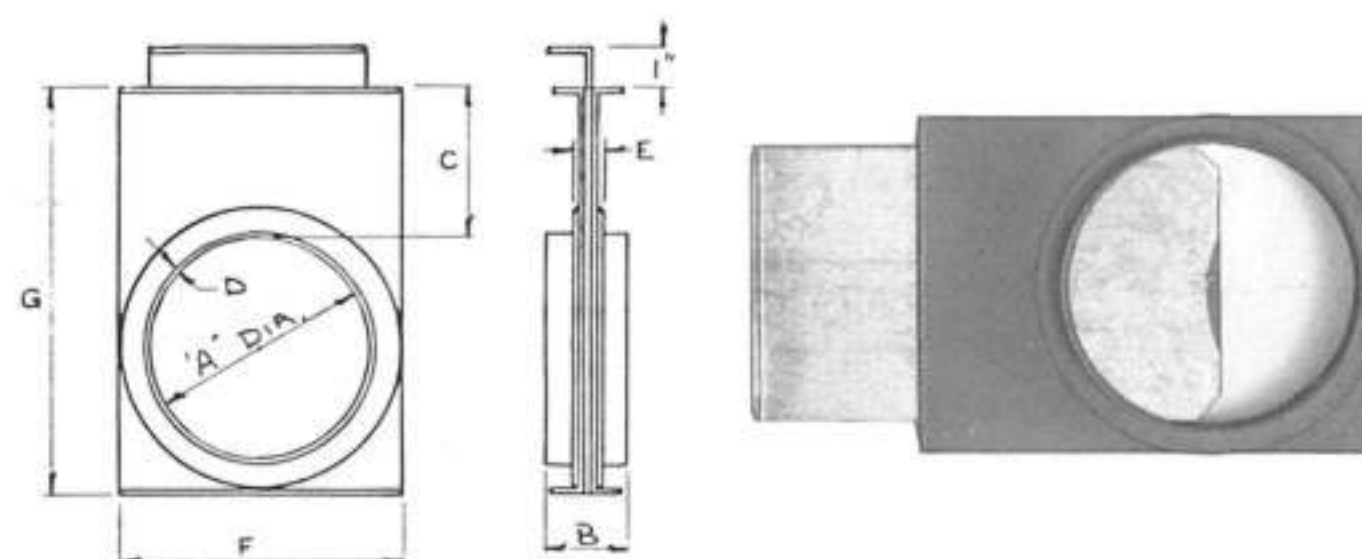
FULL COLLAR BLAST GATE CAST ALUMINUM



SIZE	A	B	C	D	E	F	G
3	$2\frac{5}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{5}{16}$	$3\frac{7}{8}$	$5\frac{1}{4}$
4	$3\frac{9}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{5}{16}$	5	7
5	$4\frac{1}{2}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	6	$8\frac{9}{16}$
6	$5\frac{1}{2}$	1	1	$\frac{3}{16}$	$\frac{3}{8}$	$7\frac{1}{8}$	10
7	$6\frac{1}{2}$	1	$1\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{8}$	$8\frac{1}{4}$	11
8	$7\frac{3}{8}$	$1\frac{1}{2}$	$\frac{9}{16}$	$\frac{3}{16}$	$\frac{3}{8}$	$9\frac{1}{2}$	$12\frac{5}{8}$
9	$8\frac{3}{8}$	$1\frac{5}{8}$	$\frac{7}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$10\frac{1}{2}$	$14\frac{3}{8}$
10	$9\frac{3}{8}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$\frac{3}{16}$	$\frac{9}{16}$	$11\frac{3}{4}$	$17\frac{3}{4}$

When ordering, please state size (pipe diameter).

FULL COLLAR BLAST GATE FABRICATED



SIZE	A	B	C	D	E	F	G
11	$11\frac{1}{16}$	$2\frac{1}{2}$	$5\frac{1}{2}$	$\frac{1}{8}$	$\frac{9}{16}$	13	$17\frac{1}{2}$
12	$12\frac{1}{16}$	3	6	$\frac{1}{8}$	$\frac{9}{16}$	$14\frac{1}{2}$	$19\frac{1}{4}$
13	$13\frac{1}{16}$	3	$6\frac{1}{2}$	$\frac{1}{8}$	$\frac{9}{16}$	$15\frac{1}{2}$	$20\frac{3}{4}$
14	$14\frac{1}{16}$	3	7	$\frac{1}{8}$	$\frac{5}{8}$	$16\frac{1}{2}$	$22\frac{1}{4}$
15	$15\frac{1}{16}$	3	$7\frac{1}{2}$	$\frac{1}{8}$	$\frac{5}{8}$	$17\frac{1}{2}$	$23\frac{3}{4}$
16	$16\frac{1}{16}$	3	8	$\frac{1}{8}$	$\frac{5}{8}$	$18\frac{1}{2}$	$25\frac{1}{4}$
18	$18\frac{1}{8}$	$3\frac{1}{2}$	9	$\frac{3}{16}$	$1\frac{1}{16}$	21	$28\frac{1}{2}$
20	$20\frac{1}{8}$	$3\frac{1}{2}$	10	$\frac{3}{16}$	$1\frac{1}{16}$	23	$31\frac{1}{2}$
22	$22\frac{1}{8}$	$3\frac{1}{2}$	11	$\frac{3}{16}$	$1\frac{1}{16}$	25	$34\frac{1}{2}$
24	$24\frac{1}{8}$	$3\frac{1}{2}$	12	$\frac{3}{16}$	$1\frac{1}{16}$	27	$37\frac{1}{2}$
26	$26\frac{1}{8}$	$3\frac{1}{2}$	13	$\frac{3}{16}$	$1\frac{1}{16}$	29	$40\frac{1}{2}$
30	$30\frac{1}{8}$	$3\frac{1}{2}$	15	$\frac{3}{16}$	$1\frac{1}{16}$	33	$46\frac{1}{2}$

1. Fabricated Blast Gates are made of steel with galvanized slides.
2. When ordering, please state size (pipe diameter) other sizes available upon request.

ELBOWS

(90° shown - 45° & 30° also available)



Flat Back Elbows



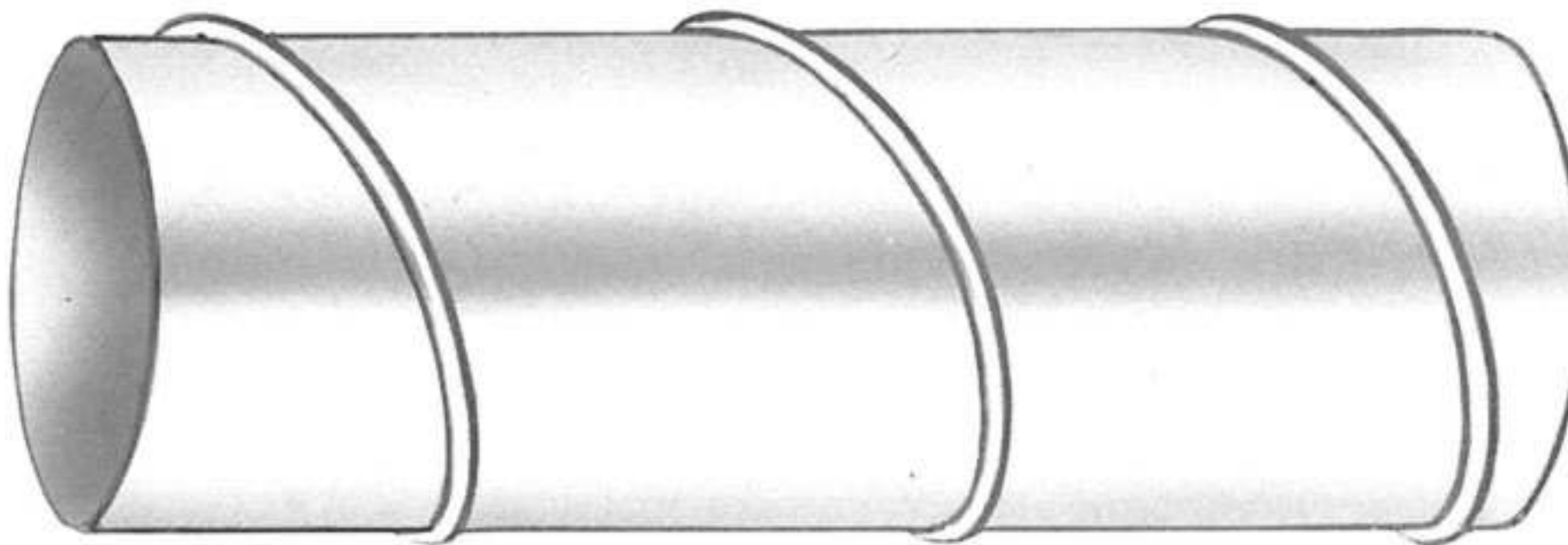
Galvanized Long Radius Elbows

Turned or welded.
Black also available.

For abrasive materials the Murphy replaceable back elbow is available in all sizes. The elbow features a heavy gauge removable back strip which can be made of special alloy or lined with rubber thus cutting the cost of replacing the whole elbow.

Size	Gauge
4" through 14"	22
15" through 18"	20
19" through 36"	16
(other gauges available)	

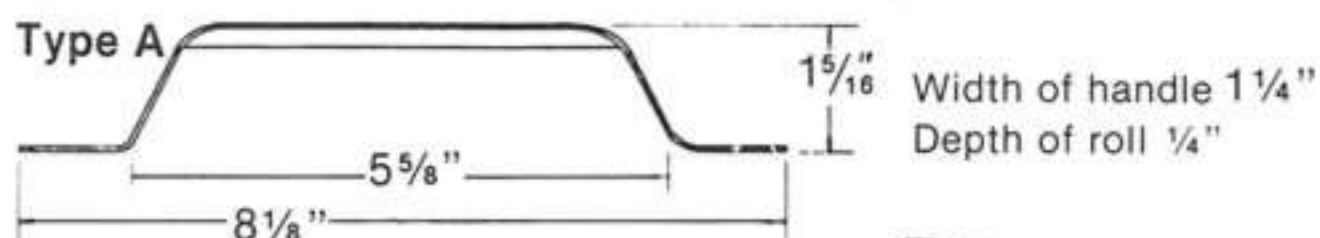
GALVANIZED SPIRAL DUCT



Sizes	Available Gauges
4"	26, 24
5"	26, 24
6"	26, 24, 22
7"	26, 24, 22
8"	26, 24, 22, 20, 18
9"	26, 24, 22, 20, 18
10"	26, 24, 22, 20, 18
11"	26, 24, 22, 20, 18
12"	26, 24, 22, 20, 18
13"	26, 24, 22, 20, 18
14"	26, 24, 22, 20, 18
15"	26, 24, 22, 20, 18
16"	26, 24, 22, 20, 18
18"	26, 24, 22, 20, 18
20"	26, 24, 22, 20, 18
22"	26, 24, 22, 20, 18
24"	24, 22, 20, 18
26"	24, 22, 20, 18
28"	24, 22, 20, 18
30"	24, 22, 20, 18
32"	24, 22, 20, 18
34"	24, 22, 20, 18
36"	24, 22, 20, 18
38"	22, 20, 18
40"	22, 20, 18
42"	22, 20, 18
44"	22, 20, 18
46"	22, 20, 18
48"	22, 20, 18
50"	20, 18
52"	20, 18
54"	20, 18
56"	20, 18
58"	20, 18
60"	20, 18

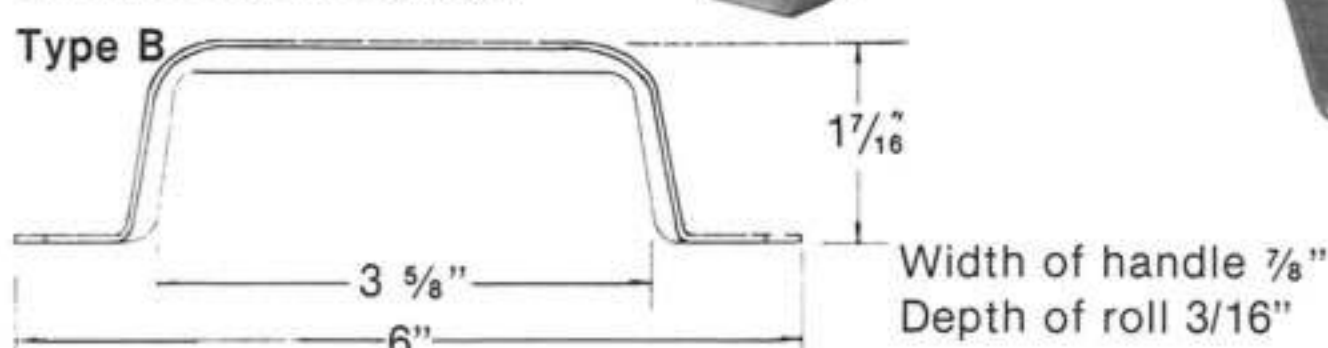
HANDLES

Pull length 5½", overall length 8⅞", overall width 1¼". Ideally suited for doors, access openings, trunks, boxes, plus many other applications. Specify Murphy Type "A" handles on your next job. They can be painted or plated to customer's specifications. Available in the following.



Mild Steel (wiped galvanized 14 ga.)

NOTE: Also available in special thicknesses and alloys.



Available in 16 gauge only. Mild steel wiped galvanized.

CATCHES AND KEEPERS



(length as shown - 3½")

Cadium Plated. A strong catch. Very useful for many applications.

FLEXIBLE DUCT

Dia. Size

2"
2½"
3"
4"
5"
6"
7"
8"
10"
12"
14"

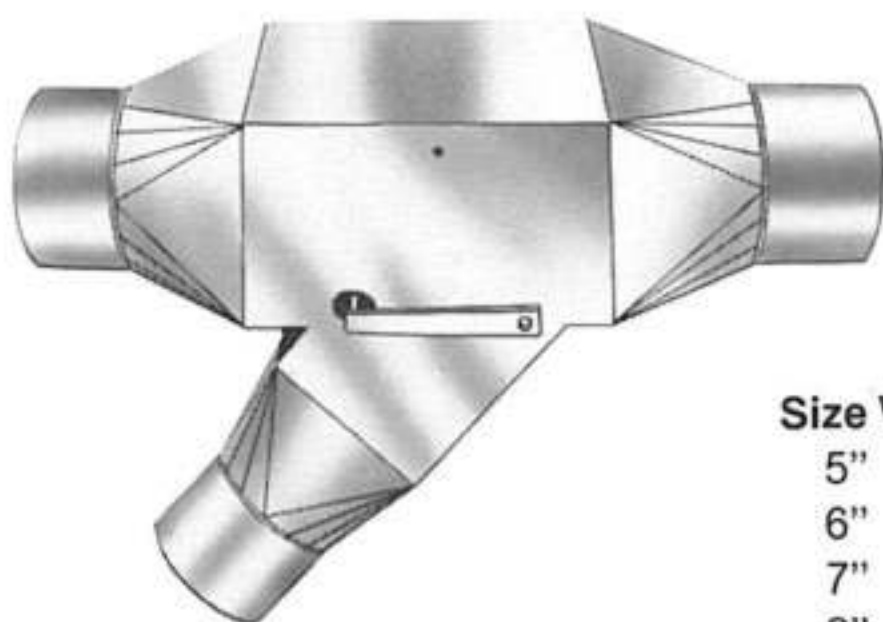
(other sizes available)



NOTE:

Other sizes and types available on request. Flexible duct is available in both non metallic and steel and both types are for material handling.

2 WAY DIVERTERS



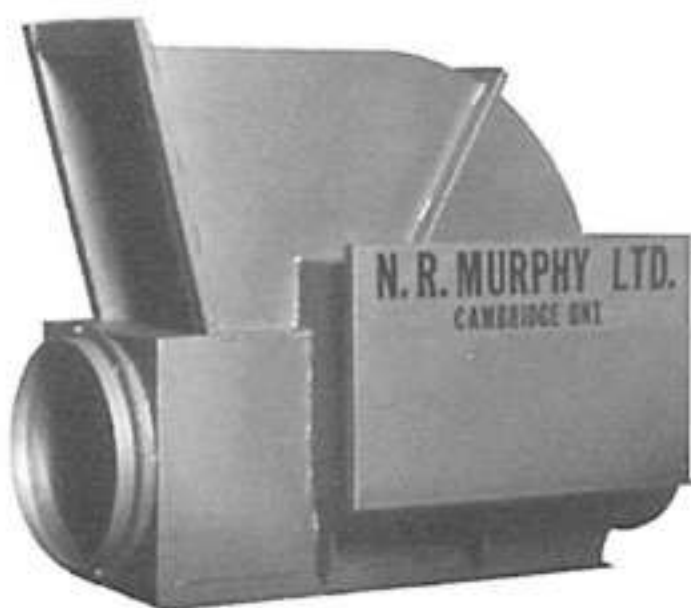
Size	Weight	Size	Weight
5"	40	14"	130
6"	40	15"	150
7"	45	16"	175
8"	45	18"	225
9"	50	20"	275
10"	65	24"	400
12"	90	26"	450

NOTE:

When ordering state: (1) Angle between legs; (2) If valve is straight on one side; (3) Which side is handle on; (4) Sizes of all three openings; (5) Overall length of valve.

Special power operated diverters available on request.
Transitions to any diameter are available.

ABORT DAMPER



Literature Available

The MURPHY ABORT DAMPER, when installed in the cleaned air stream of a filtering system, is an instant aborting device which expels the air to atmosphere when activated by a properly installed spark or fire detection system.

FLOOR SWEEP



Overall Height 9"

Overall Width 10"

Overall Depth 7¾"

Heavy gauge welded construction. Transitions to 6" and 7" round also available.

BALL JOINTS



Size	Weight	Size	Weight
3"	1	8"	7
4"	1¾	9"	8
5"	2½	10"	9
6"	3	12"	10
7"	4		

Spun metal - zinc coated after spinning, from 18 ga material.
Maximum Swivel 25°.

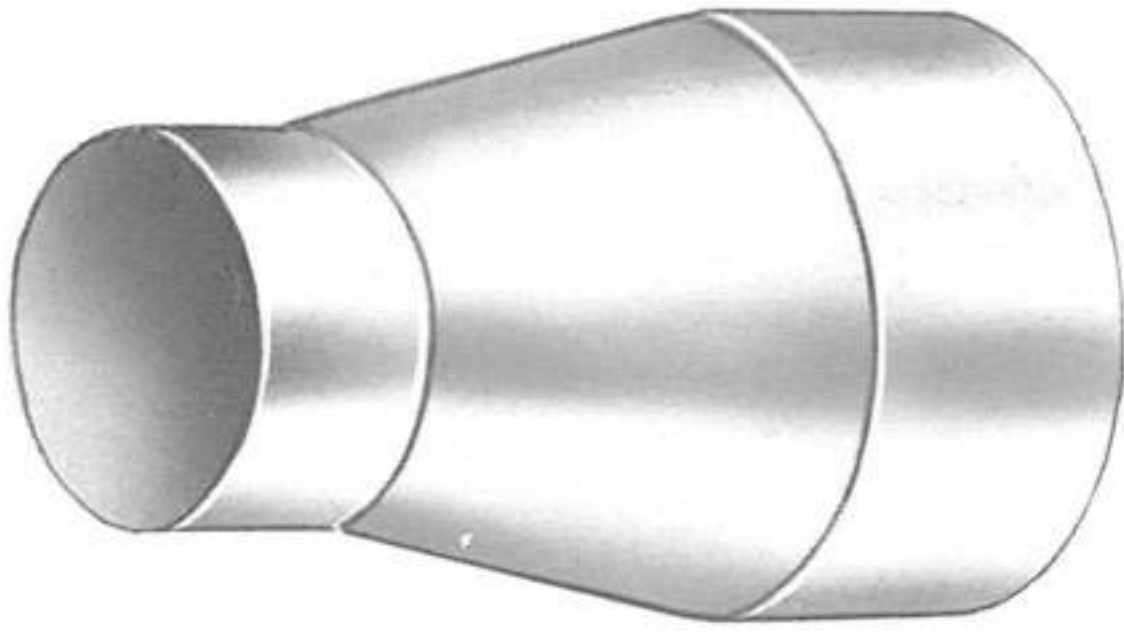
FABRICATED CLEANOUT DOOR



Pipe Diameter*	Hole Size	Door Size
4" - 6"	4" X 6"	6" X 8"
7" - 10"	6" X 8"	8" X 10"
11" - 18"	8" X 10"	10" X 12"
19" - 36"	10" X 12"	12" X 14"

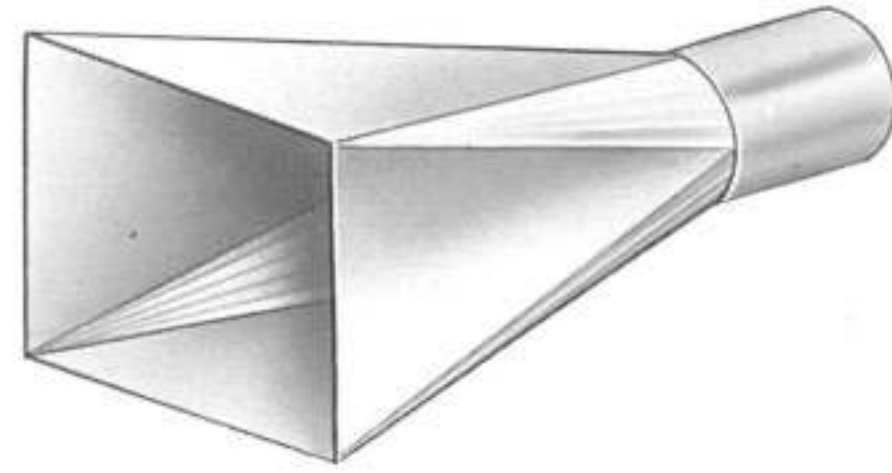
*Give exact pipe diameter when ordering.

TAPERS



Std. Sizes
3 to 5
4 to 5
5 to 6
6 to 7

SQUARE NOZZLES



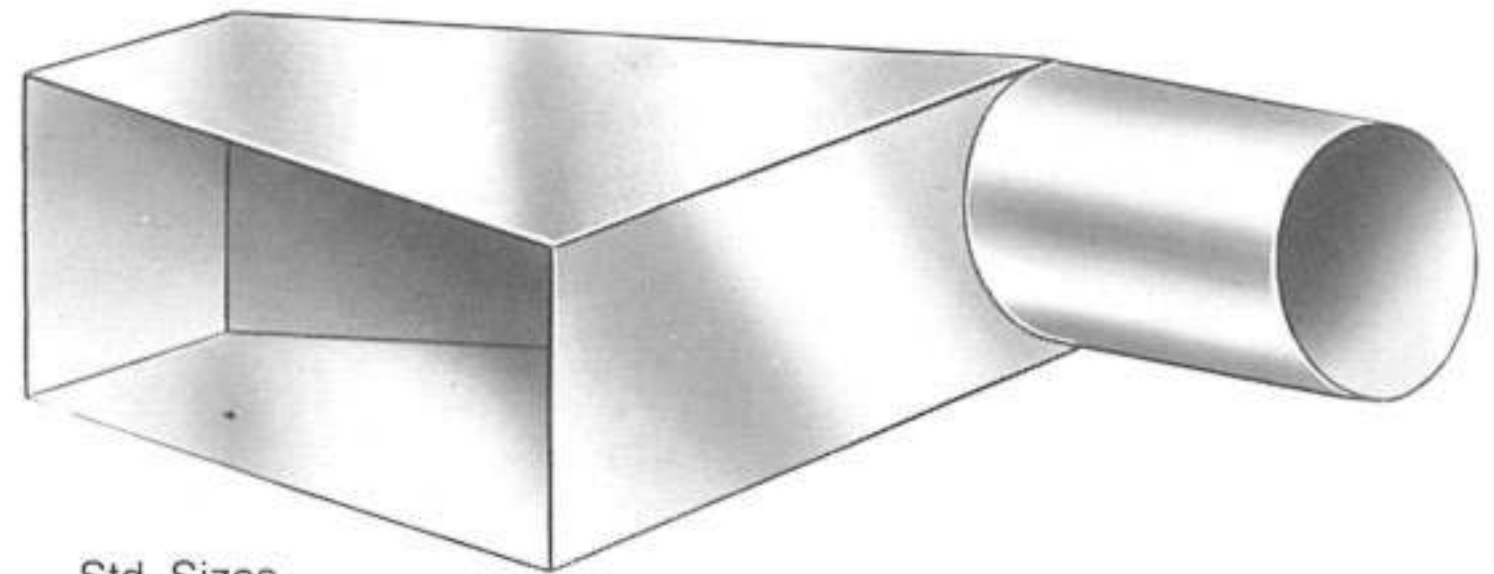
Std. Sizes
5 x 5 to 4
6 x 6 to 5
7 x 7 to 6
8 x 8 to 7

Y BRANCHES



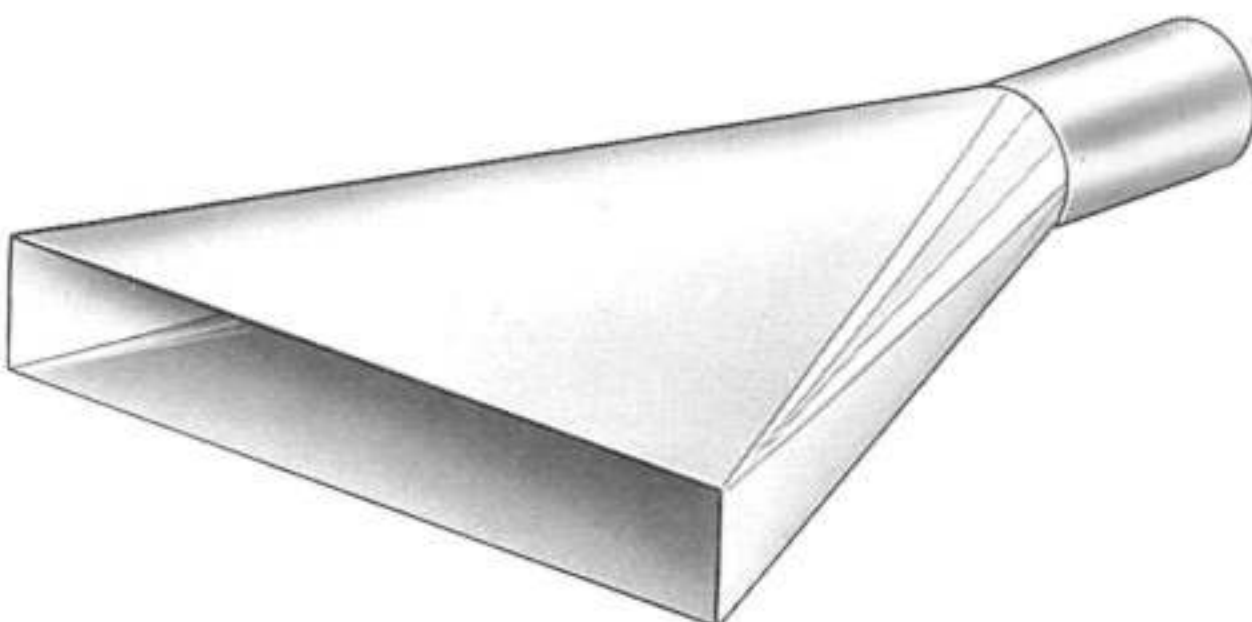
Std. Sizes
3 x 3 to 4
3 x 3 to 5
4 x 4 to 4
4 x 4 to 5
4 x 4 to 6
4 x 4 to 7
5 x 5 to 5
5 x 5 to 7
6 x 6 to 6
6 x 6 to 7
6 x 6 to 8

SIDE NOZZLES



Std. Sizes
4 x 8 to 4
4 x 10 to 4
5 x 5 to 4
5 x 8 to 5
6 x 10 to 6

FLAT NOZZLE



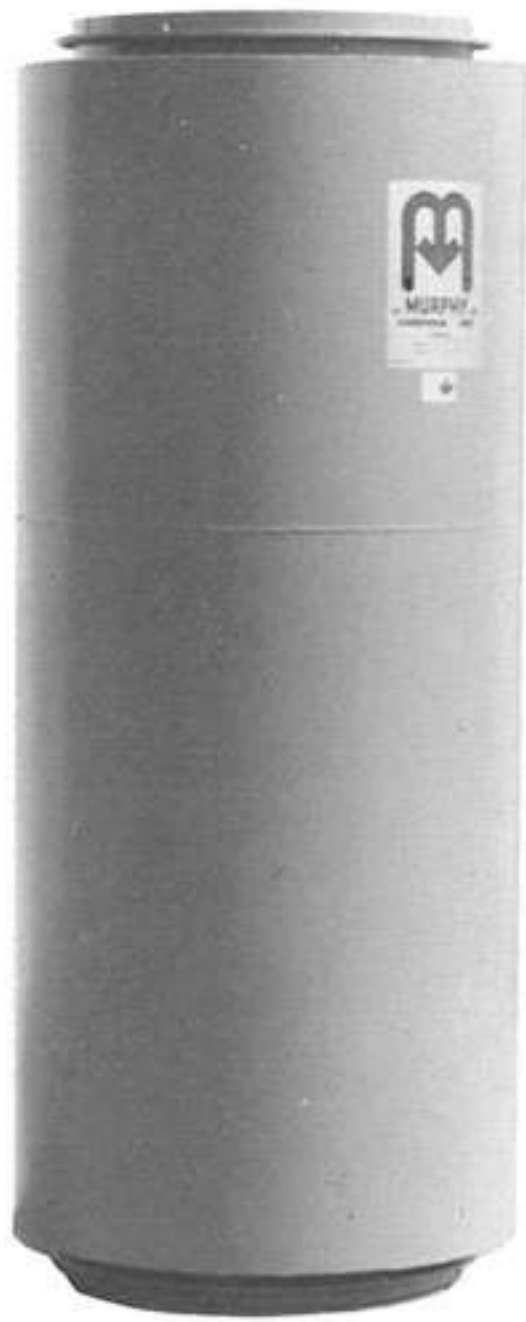
Std. Size
8 x 1.5 to 4
8 x 1.5 to 5

CLAMPS



S.A.S.L. (Swivel Action Snap Lock)
Sizes: 4" through to 10"
Larger sizes available on request.

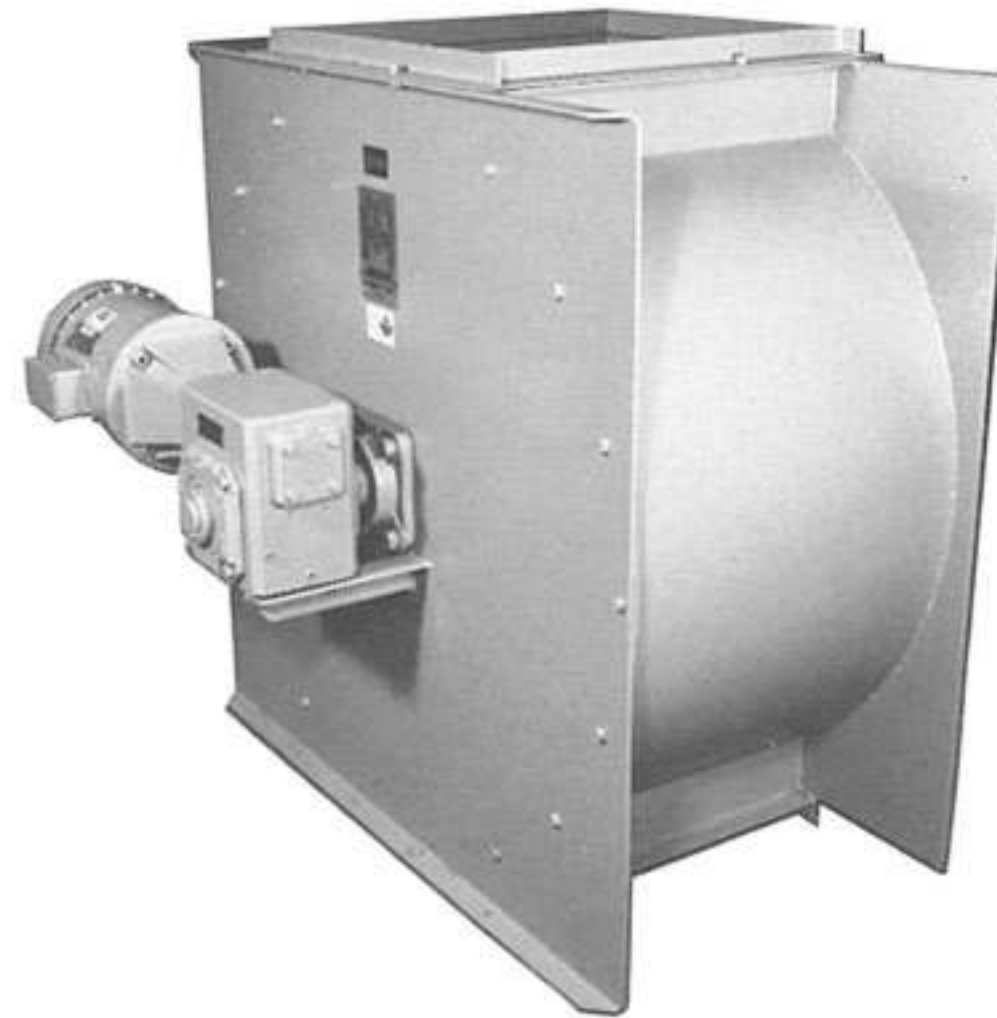
DUCT SILENCER



N.R. Murphy's Duct Silencer features:

- Circular all welded heavy gauge steel design painted a standard colour.
- Free airflow for minimal resistance, pressure drop almost equal to equivalent sized duct.
- Inlet and outlet diameter sized to suit standard duct size.
- Silencing media protected by perforated metal to minimize erosion.
- Available in 1" increments from 7" through to 33" standard sizes (other sizes available).
- Matched flanged connections.
- Fabricated from special metals if required.

ROTARY AIR LOCK



N.R. Murphy's Rotary Air Lock combines craftsmanship with trouble free efficient design. The Air Locks are used to provide an airtight seal on cyclones, dust filters, storage bins, enclosed mechanical conveyors, etc.

ECONOMY MODEL DUST COLLECTORS

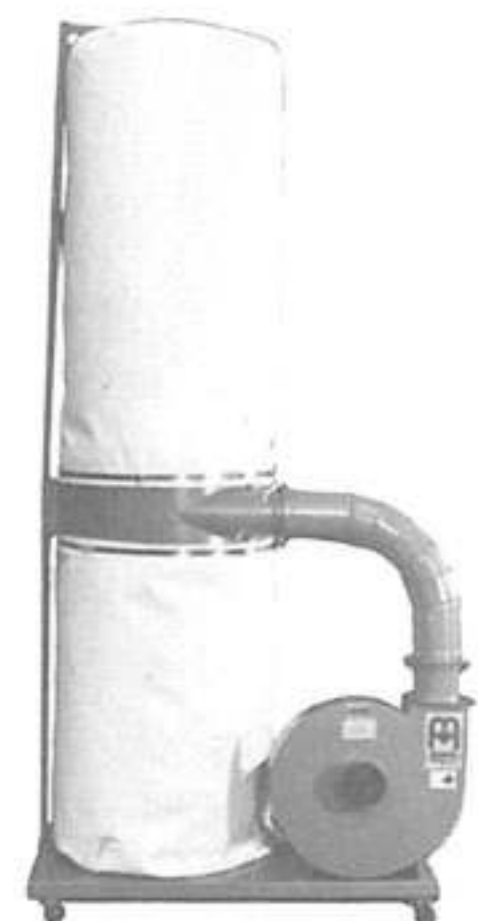
CATALOGUES AVAILABLE.



Model CMTE Dust Collector



Model FBW Dust Collector



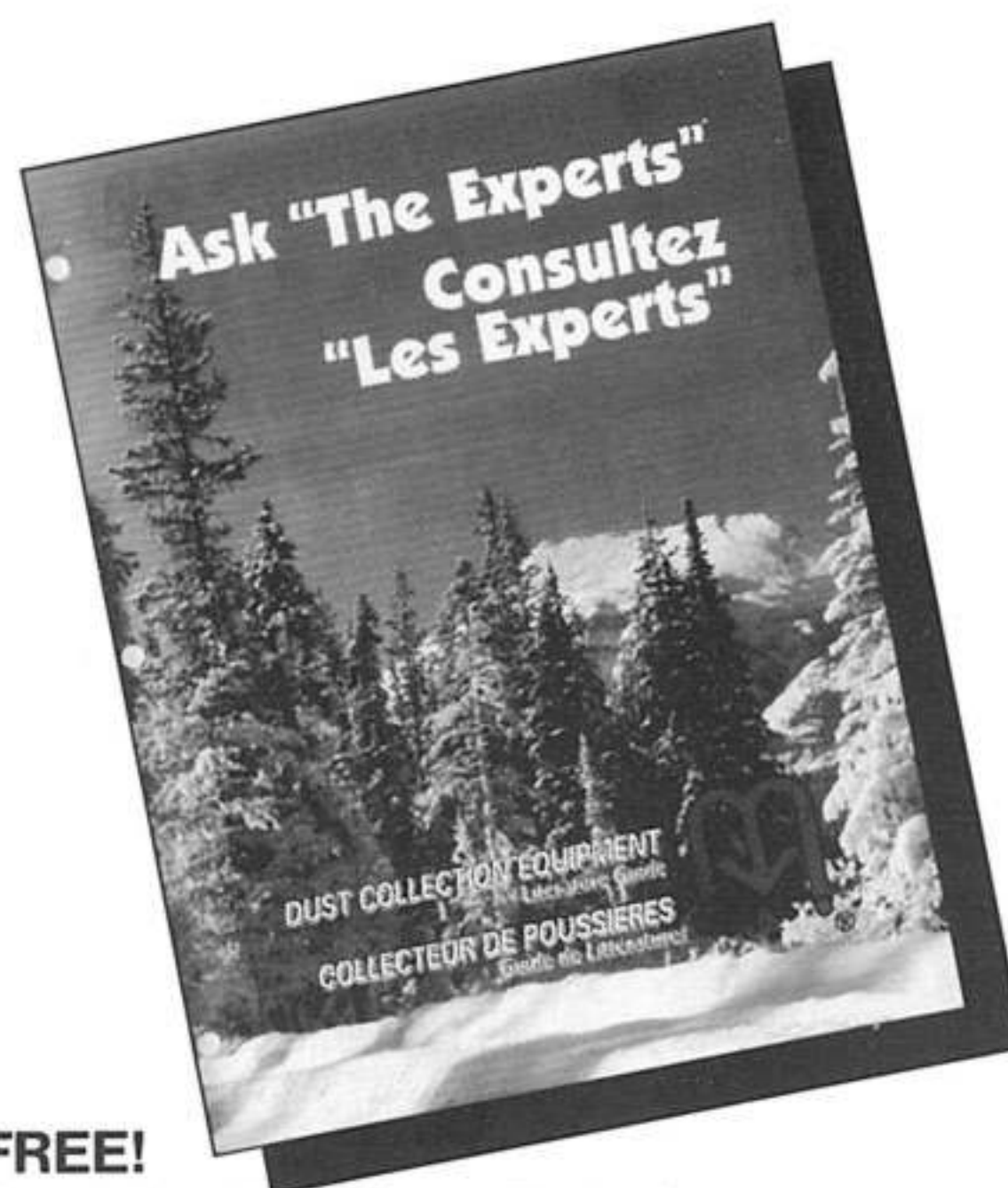
Model MRX Dust Collector

Dust Collection Equipment



FREE!
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Whether you need stock or custom built exhaust fans fast, **N.R. Murphy** delivers. With over 50 years experience and thousands of satisfied customers N.R. Murphy delivers quality on time. Every time.



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Fabric Dust Collectors

The most complete line of dust collectors available anywhere. We have collectors available for any application. Our highly qualified technical representatives across Canada and U.S.A. are ready to assist you in solving your problems.



Model M.K.A. Dust Collector

A square (or rectangular) version of the F.B. series. The most outstanding feature of this economical dust collector is the compactness, thus saving on valuable space and shipping cost. A very flexible model with unlimited capacity.



Technical Handbook

An informative pocket-sized manual to assist with your technical calculations.



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The manufacturer reserves the right to make product changes and correct typographical errors without notice.

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