



**THE COMPLETE DUCT SOURCE**  
 Quality—Delivery—Service—Design—Price

Cyclones— Standard or Built to Your Design.

Whether you want to buy from our standard design options or you have us fabricate for your specific application, US DUCT is a great choice We will build it accurately, and delivery quickly and keep it on budget.



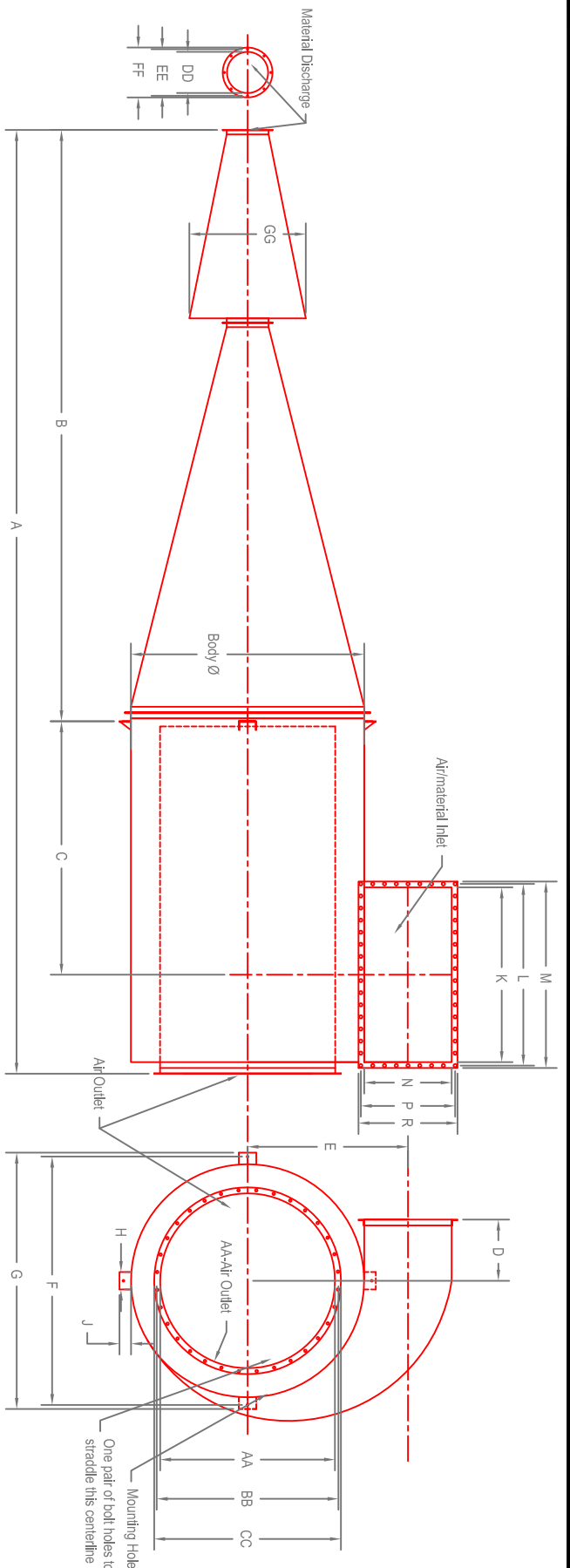
US DUCT Standard Cyclones		
Size	Pressure drop @CFM	
	2"	6"
3	60	101
4	107	180
5	167	282
6	240	405
7	327	562
8	427	721
10	967	1127
12	960	1623
15	1500	2500
19	2400	4000
24	3800	6500
30	6000	10000
38	9600	16200
48	15300	25900
60	24000	40500

See Dimension on Reverse Side

**Fabrication Capabilities**  
**Materials: 24 ga to 3/16" in Cold Roll, Galvanized and SS (304 and 316)**  
**Full Design: CAD, Sketchup**

**Options**

- Fans**
- Structures**
- Air Locks**
- After Filters**



Performance	MOUNTINGS											AIR INLET				AIR OUTLET				MATERIAL DISCHARGE				App Weight (lbs)											
	CFM @ 2" Delta P	CFM @ 6" Delta P	A	B	C	D	Body Dia	E	F	G	H	J	Mounting Holes Dia	K	L	# of equal spaces	M	N	P	# of equal spaces	R	Hole Dia	AA-I-d Air Outlet		BB-h-c	CC-o-d	No Holes	Hole Dia	DD-d Material Outlet	EE-FT-o-d	No Holes	Hole Dia	99- Vortex Top Dia	Material Thickness	
3	60	101	18	10.5	4	5	4.375	2.875	5.875	8.375	2	2	0.375	3	4.187	1	5.187	1.5	2.687	1	3.687	0.3125	2.87	4.187	5.082	6	0.28	3.082	4.187	5.082	6	0.28	2.19	0.0598	5
4	107	180	23.25	13.75	5.5	6	5.875	3.812	7.375	9.875	2	2	0.375	4	5.187	1	6.187	2	3.187	1	4.187	0.3125	3.87	5.187	6.082	6	0.28	3.082	4.187	5.082	6	0.28	2.94	0.0598	8
5	167	282	28.75	17.25	7	6	7.75	4.687	8.875	11.75	2	2	0.375	5	6.187	2	7.187	2.5	3.687	1	4.687	0.3125	4.87	6.187	7.082	6	0.28	3.082	4.187	5.082	6	0.28	3.88	0.0598	13
6	240	406	34	20.5	8.5	7	8.75	5.375	10.25	12.75	2	2	0.375	6	7.187	2	8.187	3	4.687	1	5.187	0.3125	5.937	7.187	8.093	6	0.28	3.082	4.187	5.082	6	0.28	4.38	0.0598	19
7	327	562	38.25	23.75	10	7	10.25	6.582	11.75	14.25	2	2	0.375	7	8.187	2	8.187	3.5	4.687	1	5.687	0.3125	6.937	8.375	9.187	6	0.28	3.082	4.187	5.082	6	0.28	5.13	0.0598	25
8	427	721	44.5	27	11.5	8	11.5	7.437	13	15.5	2	2	0.375	8	9.187	2	10.187	4	5.082	1	6.187	0.3125	7.937	9.562	10.75	6	0.28	3.082	4.187	5.082	6	0.28	5.75	0.0598	33
10	667	1127	55.5	34	14.5	9	14.5	9.25	15.375	18.5	2	2	0.375	10	12.25	3	14.25	5	7.25	2	9.25	0.5625	9.937	11.812	12.87	6	0.28	3.082	4.187	5.082	6	0.28	7.25	0.0598	52
12	960	1623	68	40.5	17.5	9	17.75	11.5	19.75	21.75	4	2	0.375	12	14.25	4	16.25	6	8.25	2	10.25	0.5625	11.937	14	15.25	8	0.28	4.082	5.187	6.187	6	0.28	8.88	0.0598	75
14	1501	2536	84	53	19.5	11	20.75	13.875	23.25	25.75	4	2.5	0.5	15	17.25	4	19.25	7.5	9.75	2	11.75	0.5625	14.75	17	18.25	8	0.28	4.082	5.187	6.187	6	0.28	10.38	0.0598	119
15	2408	4089	105	66	25.5	13	26.375	17.375	28.75	31.375	4	2.5	0.5	19	21.25	5	23.25	9.5	11.75	3	13.74	0.5625	18.75	20.75	22.5	12	0.28	4.082	5.187	6.187	6	0.28	13.19	0.0598	185
19	3494	6482	132	83	33	14	33	22.25	35.5	38	4	2.5	0.75	24	26.25	6	28.25	12	14.25	4	16.75	0.5625	23.75	25.87	27.5	12	0.28	6.093	7.312	8.093	6	0.28	16.50	0.0598	300
24	6002	10144	164	103	42	15	41.75	27.375	43.25	47.75	6	3	0.75	30	32.25	8	34.25	15	17.25	4	19.25	0.5625	28.75	32.375	34.5	16	0.28	6.093	7.312	8.093	6	0.28	20.88	0.0598	466
30	9630	16275	207	130	54	17	52.75	35.125	54.75	58.75	6	3	0.75	38	40.25	10	42.25	19	21.25	5	23.75	0.5625	37.75	40.375	42.5	24	0.37	8.187	9.562	10.187	6	0.37	26.38	0.0747	932
38	15365	25987	280	183	69	19	66	44.25	68	72	6	3	0.75	48	50.375	12	52.375	24	28.75	6	28.75	0.5625	47.75	50.375	52.5	24	0.56	12.25	14	15.125	8	0.56	33.00	0.1046	2094
48	24007	40972	324	203	87	21	82	55.25	84	88	6	3	0.75	60	62.375	15	64.375	30	32.75	8	34.375	0.5625	60	62.375	64.5	48	0.56	14.75	16	17.125	8	0.56	41.00	0.1046	3272

Note: All dimensions listed are in inches

- 1.) Material of construction is commercial quality hot rolled steel
- 2.) Paint Specifications:
  - \*Remove oil and grease residue from metal surfaces to be painted using mineral spirits
  - \*Power wire brush mill scale, loose rust, and weld flux, etc.
  - \*Apply one coat of red oxide primer
  - \*Apply one coat of Alkyd gloss enamel safety blue
- 3.) Cyclone is not designed to carry any additional weight, besides that of the cyclone itself

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Checked by:		This drawing is confidential and is the exclusive property of US Duct LLC. No unauthorized use/copy or disclosure is to be made and it is returned whenever required.		Size: A		Scale: No Scale		Drawing Number: US-410255-1	
General Duty Cyclone Layout									