



HIGH-EFFICIENCY CYCLONES

MAC HE Cyclones are designed to separate product from an air stream. The collected product is discharged out of the bottom of the cyclone and the clean air is discharged through the top exhaust. The bottom discharge can be designed for a 55 gallon drum or a rotary airlock. The HE Cyclone can be used as a primary collector or as a pre-filter separator. The HE Cyclone is designed for either positive or negative pressure use. For increased airflows, the HE Cyclone is available in one, two, three, or four unit configurations.

STANDARD SPECIFICATIONS

- Available in 7, 10, or 12 gauge carbon steel
- Full welded exterior
- Skip welded interior, ground smooth
- Critical interior welds are continuous
- Flanges are drilled and matched marked
- Flat bar flanges on air inlet, outlet, and product discharge
- Expansion chamber
- CW or CCW inlet rotation
- MAC white paint



OPTIONS

- Stainless steel
- Inlet and outlet flanges can be drilled to mate to existing or new equipment.
- Inlet wear liner
- Screw conveyor discharge
- Support structure
- Rotary airlock discharge
- 8" inspection port

EFFICIENT DUST COLLECTION AND PRODUCT RECEIVING

HE Cyclone Dimensions

Dimensions (IN.)*

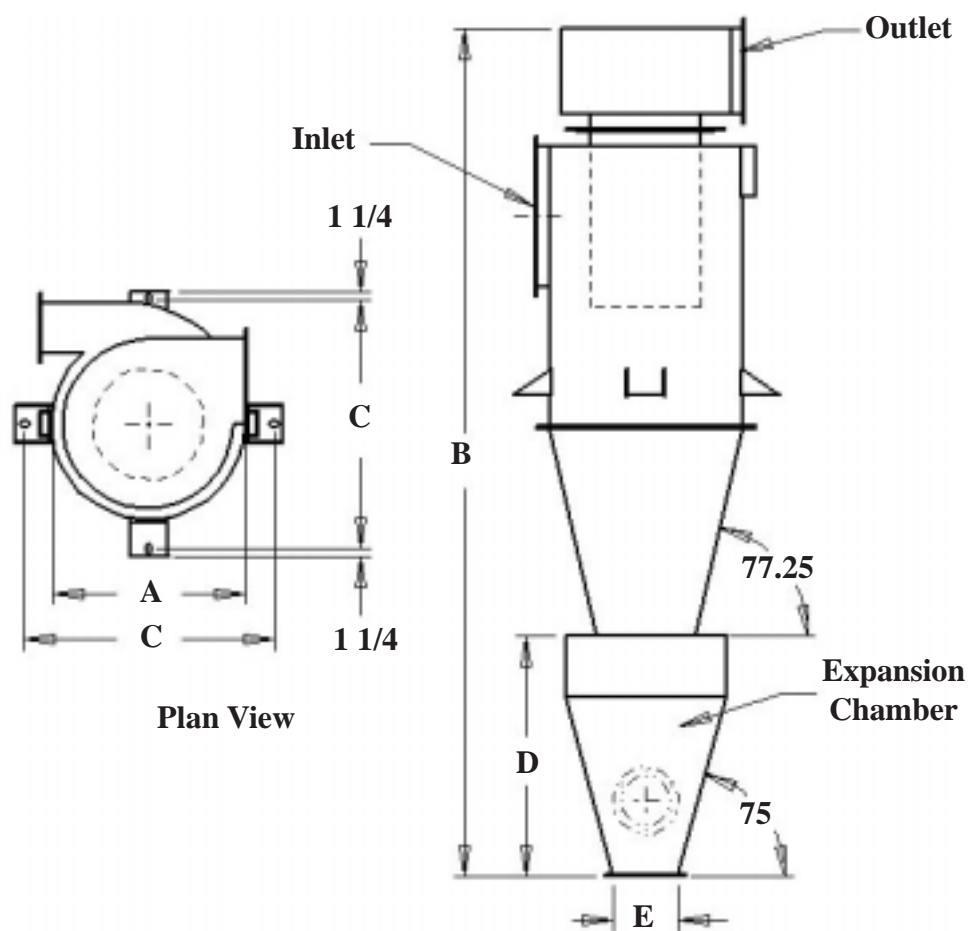
SIZE	A	B	C	D	E	Wt. (lbs) 10 ga.	VOLUME (CFM)		
							MIN.	OPT.	MAX.
21	21	94 11/16	29 3/4	25 3/4	8	366	2188	2344	2500
24	24	108 9/16	32 13/16	25 3/4	8	454	2844	3047	3250
27	27	120 1/2	35 15/16	37 5/8	10	582	3524	3776	4028
30	30	132 3/8	38 15/16	37 5/8	10	689	4278	4583	4889
33	33	144 11/16	42	37 5/8	10	828	5390	5775	6160
36	36	153 5/8	45 1/16	37 5/8	10	945	6650	7125	7600
39	39	174 3/16	48 1/16	49 7/16	10	1132	7700	8250	8800
43	43	188 3/4	52	49 7/16	10	1328	9450	10125	10800
47	47	202 15/16	56 3/16	49 7/16	10	1532	11025	11812	12600

**Please contact your MAC Equipment Service Center Representative for details on additional dimensions that suit your specific application. Reference MAC drawing No. D02325 for further dimensional details*

AVAILABLE IN
ONE, TWO,
THREE OR FOUR
UNIT
CONFIGURATIONS

2HE MODELS HAVE
SIDE INLET,
OPPOSITE SIDE
EXHAUST.

3HE & 4HE
MODELS HAVE END
INLET AND END
EXHAUST.



PLANT LOCATIONS

Sabetha, Kansas · Houston, Texas

SALES OFFICES

Kansas City, MO · 800-821-2476

Houston, TX · 800-955-7735

Service Center · 800-821-2476



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For more information or an on-site evaluation, call

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