

MODEL	HSG. DIA.	CLOTH AREA SQ. FT.	MAX IN O.D.	MAX OUT O.D.	A	B						C	D	E	F	NO. OF TOP DOORS	DESIGN PRESS. IN.'S W.C.	NO. & SIZE OF AIR VALVES	NO. & SIZE OF AIR HEADER	COMPRESSED AIR REQ'D @ 90 PSIG (SCFM*)	APPROX. WEIGHT (LBS)
						PRODUCT OUTLET DIA.															
						5	6	8	10	12	13										
VC 24		23			36																700
VC 36	-9	32	5	6	48	25	24	22	20	18		5.50	5.00	22.00	0.50	1	125	(2) .75"	(1) 4"	2.0	800
VC 48		47			60																950
VC 60		56			72																1,100
VC 24		31			38																900
VC 36	-12	34	7	8	50	26	25	24	22	20	19	6.50	6.00	23.00	0.50	1	125	(2) .75"	(1) 4"	2.0	1,050
VC 48		47			62																1,200
VC 60		56			74																1,350
VC 48		83			63																1,300
VC 60	-16	40	8	9	75	31	31	29	27	25	25	7.00	6.00	26.00	0.50	2	125	(4) .75"	(1) 4"	4.4	1,475
VC 72		125			87																1,650
VC 96		166			111																1,825
VC 48		125			65																1,400
VC 60	-24	48	10	11	77	38	38	36	34	32	32	8.00	7.00	30.00	0.50	2	125	(4) .75"	(1) 4"	4.4	1,600
VC 72		187			89																1,800
VC 96		250			113																2,000
VC 60		208			78																1,750
VC 72	-32	54	11	12	90	44	43	41	39	38	37	9.00	7.00	33.00	0.50	2	125	(6) .75"	(1) 4"	6.6	2,000
VC 96		333			114																2,250
VC 120		416			138																2,500
VC 60		247			81																2,100
VC 72	-38	60	12	14	93	49	48	46	44	43	42	10.00	8.00	36.00	0.50	2	80	(6) .75"	(1) 4"	6.6	2,400
VC 96		395			117																2,700
VC 120		494			141																3,000
VC 60		338			83																2,800
VC 72	-52	68	14	15	95																3,200
VC 96		541			119																3,600
VC 120		672			143																4,000
VC 72		468			95																4,100
VC 96	-60	74	15	17	119																4,550
VC 120		780			143																5,000
VC 72		593			95																5,000
VC 96	-76	82	17	14 x 20	119																5,500
VC 120		988			143																6,000
VC 72		686			95																5,800
VC 96	-88	88	18	14 x 23	119																6,400
VC 120		1144			143																7,000
VC 96		1165			119																6,800
VC 120	-112	96	20	14 x 30	143																7,500
VC 144		1747			167																8,200
VC 96		1539			119																8,000
VC 120	-148	108	22	14 x 40	143																8,800
VC 144		2309			167																9,600

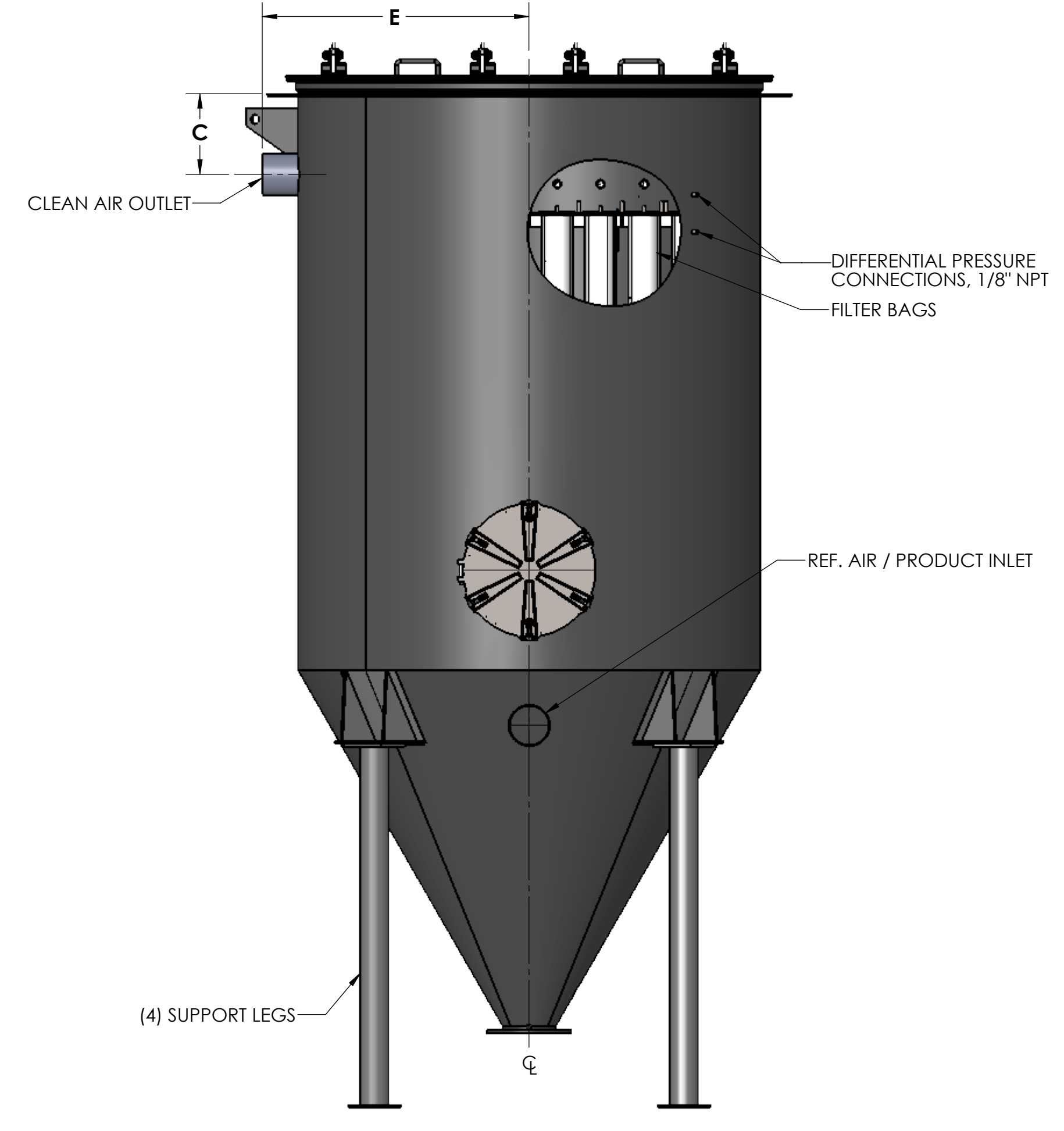
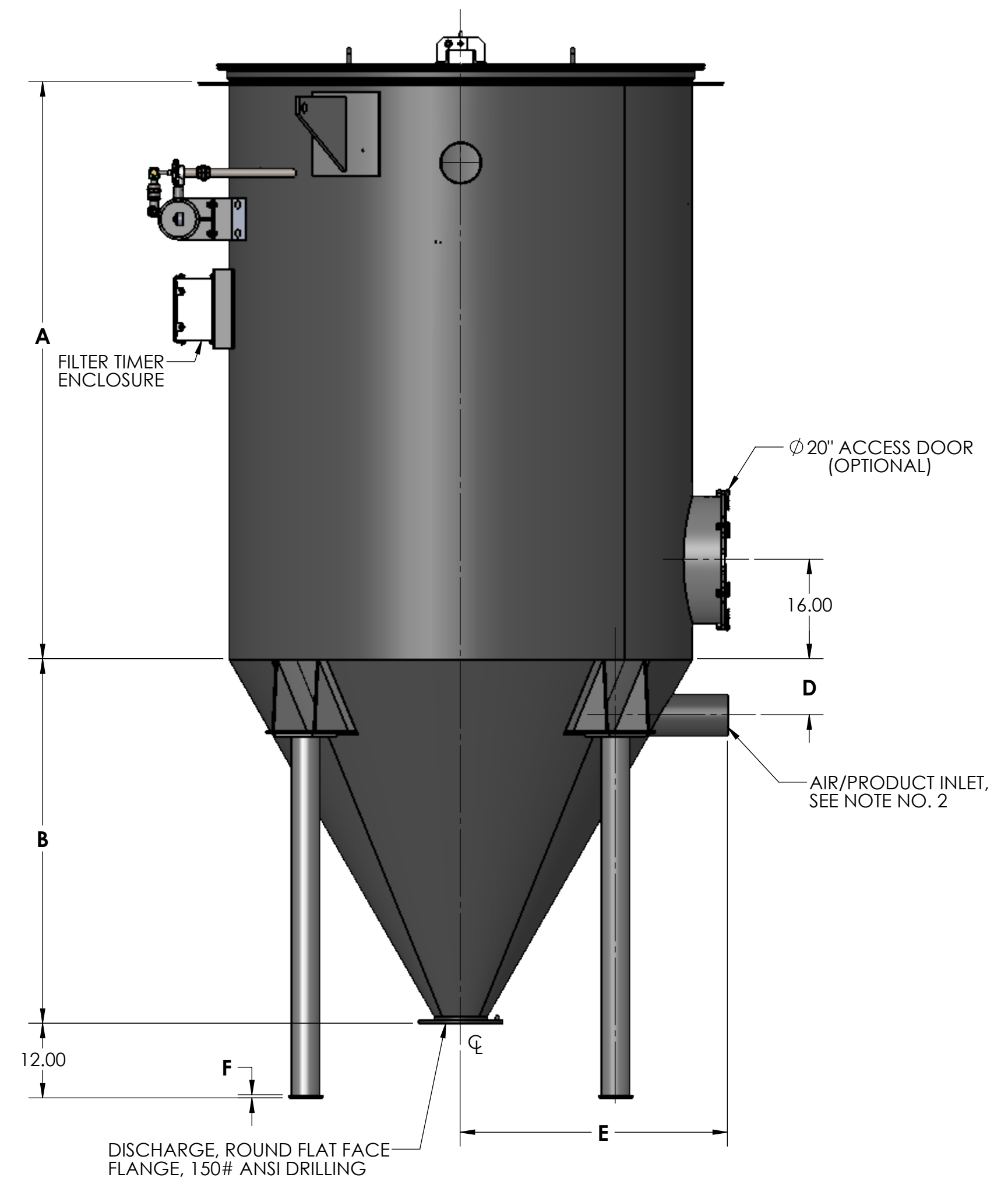
DIMENSIONS ARE FOR ESTIMATING ONLY.

**NOTES:**

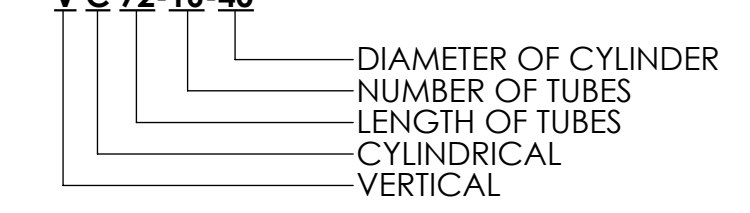
1. THE POSITION OF THE AIR/PRODUCT INLET AND CLEAN AIR OUTLET ARE SHOWN FOR REFERENCE. THE ACTUAL LOCATION WILL BE BASED ON CUSTOMER REQUIREMENTS.
2. THE AIR/PRODUCT INLET AND CLEAN AIR OUTLET AS SHOWN WITH PLAIN END FOR COMPRESSION COUPLINGS. THESE NOZZLES ARE ALSO AVAILABLE WITH FLANGED CONNECTIONS.
3. FILTER BAG ACCESS IS THROUGH THE TOP ACCESS DOORS. FROM THE CLEAN AIR PLENUM. ADDITIONAL HEADROOM REQUIRED FOR FILTER BAG REMOVAL.
4. FILTERS ARE AVAILABLE WITH NEMA 4 OR NEMA 7/9 SOLENOIDS AND TIMER ENCLOSURE. NORMALLY, TIMER ENCLOSURES ARE SHIPPED LOOSE FOR INSTALLATION IN THE FIELD BY THE CUSTOMER.
5. IF HANDLING COMBUSTIBLE POWDERS, THE FILTERS CAN BE SUPPLIED WITH EXPLOSION VENTING PER NFPA STANDARDS WITH VENT MOUNTED TO THE HOUSING UNDER THE FILTER BAG AREA.

**OPTIONAL:**

1. EXTERNAL ACCESS LADDER WITH TOP PERIMETER RAILING PER OSHA STANDARDS.
2. 20" DIAMETER ACCESS/INSPECTION PORT.
3. ROTARY VALVE FOR THE PRODUCT DISCHARGE.



**MODEL NUMBER BREAKDOWN:**



GENERAL TOLERANCES	
UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY	
MACHINING - .XX= .02 .XXX= .005 ANGLE= .50°	
SURFACE ROUGHNESS HEIGHT 63 MICRONS OR LESS	
FABRICATION - UNDER 6" 6 TO 24" 24 TO 60" OVER 60"	
± .06 ± .12 ± .19 ± .25	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	

UNIT WEIGHT  
LBS

REV. NO.	DESCRIPTION	DATE	BY
REVISIONS			
CUSTOMER: *			
CUSTOMER PO NUMBER: *			
YOUNG JOB NUMBER: *			
TITLE YOUNG INDUSTRIES "VC" SERIES, STYLE "D" UNI-CAGE FILTER COLLECTOR (STANDARD DIMENSION SHEET)			
INDUSTRIES, INC. MUNCY, PENNSYLVANIA 17756 TELEPHONE: 570-546-3165			
DRAWN BY: BMF		DATE DRAWN: 10/17/16	
CHECKED BY:		SCALE: 1:18	
DRAWING NUMBER S-4-4307-5		SHEET 1 OF 1	
		REV:	