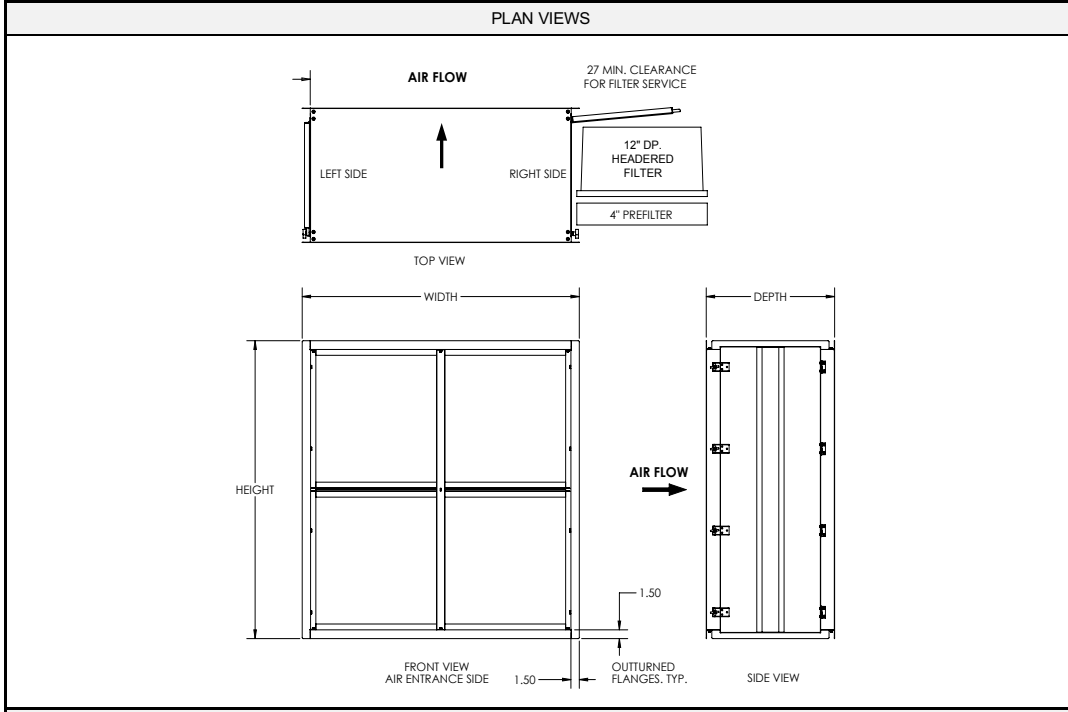


SELECTION CHART NO. 1 - HOUSING DIMENSIONS AND AIR FLOW CAPACITIES IN CFM															
Notes															
* Includes 3.00" for flanges.															
NO. OF FILTERS HIGH	HEIGHT CODE	OVERALL HEIGHT* (INCHES)	FACE VELOCITY (FPM)	NO. OF FILTERS WIDE											
				1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6
				WIDTH CODE											
				OVERALL WIDTH* (INCHES)											
05W	10W	15W	20W	25W	30W	35W	40W	45W	50W	55W	60W				
1/2	05H	15.00	500	14.38	26.38	37.75	49.75	61.13	73.13	84.50	96.50	107.88	119.88	131.25	143.25
1	10H	27.00	500	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
1 1/2	15H	39.00	500	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
2	20H	51.00	500	2000	4000	6000	8000	10000	12000	14000	16000	18000	20000	22000	24000
2 1/2	25H	63.00	500	2000	4000	6000	8000	10000	12000	14000	16000	18000	20000	22000	24000
3	30H	75.00	500	3000	6000	9000	12000	15000	18000	21000	24000	27000	30000	33000	36000
3 1/2	35H	87.00	500	3000	6000	9000	12000	15000	18000	21000	24000	27000	30000	33000	36000
4	40H	99.00	500	4000	8000	12000	16000	20000	24000	28000	32000	36000	40000	44000	48000

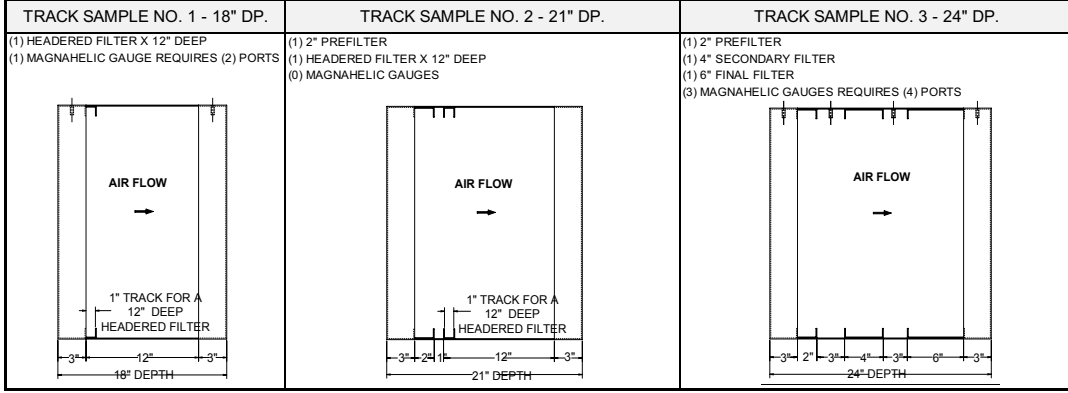
SELECTION CHART NO. 2 - HOUSING LOCATION AND AIR FILTER SELECTION								
HOUSING LOCATION								
X	INDOOR?				OUTDOOR?			
AIR FILTER SPECIFICATIONS								
POS	CODE*	H X W X D			HEADER?	INITIAL PD**	FINAL PD**	GAUGE?
1								
2								
3								
NOTES								
* CODE: PRE (PREFILTER), SEC (SECONDARY FILTER, FIN (FINAL FILTER)								
** IN W.C.								



SELECTION CHART NO. 3 - OPTIONS						
STANDARD OPTIONS						
MATERIAL ALLOY			INSULATION			
SEL	CODE	DESCRIPTION	SEL	CODE	DESCRIPTION	
	GLV	GALVANIZED STEEL G60-G90		0	NO INSULATION	
	304	STAINLESS STEEL 304L		1	DOOR INSULATION	
	316	STAINLESS STEEL 316L		2	BODY INSULATION	
				3	FULL INSULATION	
FINISH			GAUGES			
SEL	CODE	DESCRIPTION	SEL	CODE	DESCRIPTION	
	0	MILL FINISH		0	NO GAUGE	
	1	POWDER COAT WHITE		1	ONE GAUGE LEFT SIDE	
	2	POWDER COAT BLACK		2	TWO GAUGES LEFT SIDE	
	3	OTHER (PLEASE SPECIFY)		3	THREE GAUGES LEFT SIDE	
				4	ONE GAUGE RIGHT SIDE	
				5	TWO GAUGES RIGHT SIDE	
	0	BOTH SIDES		6	THREE GAUGES RIGHT SIDE	
	1	LEFT SIDE ONLY				
	2	RIGHT SIDE ONLY				
SPECIFICATIONS			NOTES			
STANDARD SPECIFICATIONS			GENERAL NOTES			
1 ALL 16 GAUGE CONSTRUCTION.			1 HOUSINGS ARE MANUFACTURED AND ASSEMBLED IN CHULA VISTA, CA.			
2 STAINLESS STEEL HINGES.			2 HOUSINGS SHALL BE PACKAGED AS NEEDED TO PRESERVE STRUCTURE DURING TRANSPORTATION.			
3 NEOPRENE DOOR GASKETS.			3 REFER TO "HOW TO ORDER RAPTORSEAL HOUSINGS" FOR ASSISTANCE WITH PRODUCT SELECTION.			
4 FOUR PRONG PHENOLIC KNOBS TO SECURE DOOR CLOSURE.			4 FOR ALL PRODUCT REQUIREMENTS OUTSIDE THE SCOPE OF THIS DOCUMENT CONTACT SALES@AMFCO.COM.			
5 DOOR LATCH DESIGN PREVENTS OVER COMPRESSION OF NEOPRENE GASKET.						
6 FORMED METAL FILTER TRACKS UTILIZE ARMACELL IG-2 SEALING GASKET.						
7 FORMED METAL TRACKS ARE MADE TO HOLD FILTERS PER SELECTION CHART NO. 2 AND GAUGE SELECTION.						

SELECTION CHART NO. 4 HOW TO DETERMINE HOUSING DEPTH	
1 RAPTORSEAL HOUSINGS MAY BE MANUFACTURED TO ANY DEPTH YOU REQUIRE.	
2 THE FOLLOWING NOTES DESCRIBE HOW TO ESTABLISH A HOUSING DEPTH BASED UPON FILTER SELECTION AND PRESSURE DROP MONITORING REQUIREMENTS.	
3 REFER TO THE (3) SAMPLES SHOWN BELOW FOR VARIOUS TRACK CONFIGURATIONS AND THEIR EFFECT ON HOUSING DEPTHS.	
4 A 1" SPACE BETWEEN AIR FILTERS IS RECOMMENDED WHEN NO MAGNAHELIC GAUGES ARE REQUIRED.	
5 A 3" SPACE BETWEEN AIR FILTERS IS REQUIRED TO INSTALL A PITOT TUBE WHEN MAGNAHELIC GAUGES ARE SPECIFIED.	
6 1", 2", 4", AND 6" THICK FILTERS REQUIRE A TRACK DEPTH OF THE SAME DIMENSION.	
7 A HEADERED FILTER, WHILE IT REQUIRES A 1" TRACK, MUST BE IDENTIFIED BY ITS OVERALL DEPTH TO DETERMINE THE CORRECT HOUSING DEPTH.	
8 ALL CORNER UPRIGHTS ARE 3" DEEP.	

SELECTION CHART NO. 5 ACCESSORIES	
ITEMS ORDERED SEPARATELY	
PART NO.	DESCRIPTION
99001121	SET OF 2 LIFTING LUGS AND FASTENERS
99001122	SET OF 4 LIFTING LUGS AND FASTENERS
99001123	WEATHER PROOF GAUGE HOUSING



APPROVAL BLOCK		TITLE BLOCK		
YOUR SIGNATURE AUTHORIZES AMERICAN METAL FILTER COMPANY TO MANUFACTURE THE HOUSING PER THE INFORMATION CONTAINED WITHIN THIS DOCUMENT AND RELATED PURCHASE ORDERS. ANY CHANGES MADE AFTER THE APPROVAL DATE REQUIRES A REVISED SUBMITTAL DRAWING.				
OK				
OK WITH REDLINE CORRECTIONS				
SEND REVISED SUBMITTAL DRAWING		RAPTOR SEAL AIR FILTER HOUSING		
SIGNATURE:	DATE:	PART NO.		
		SUBMITTAL DRAWING		
AMFCO APPROVAL		DRAWING NO.	DATE	REV.
SIGNATURE:		20250325	3/25/25	01