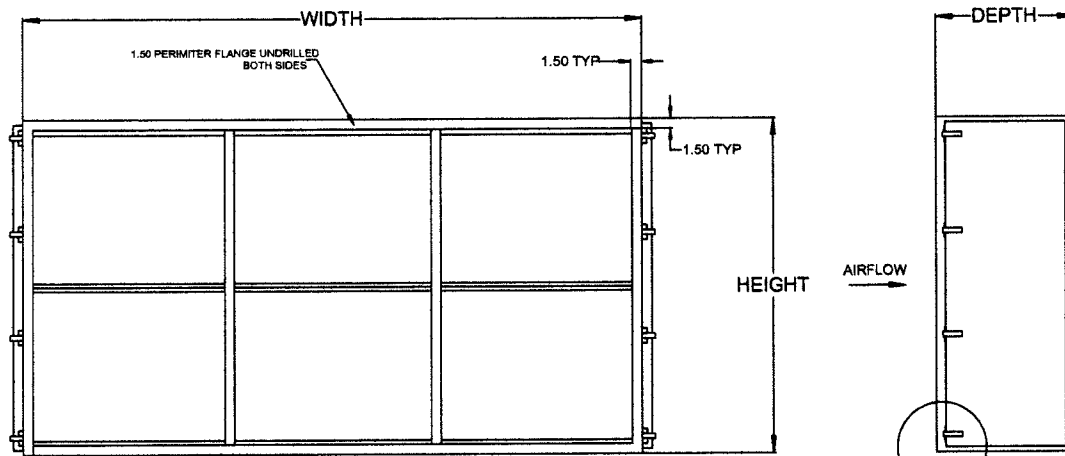
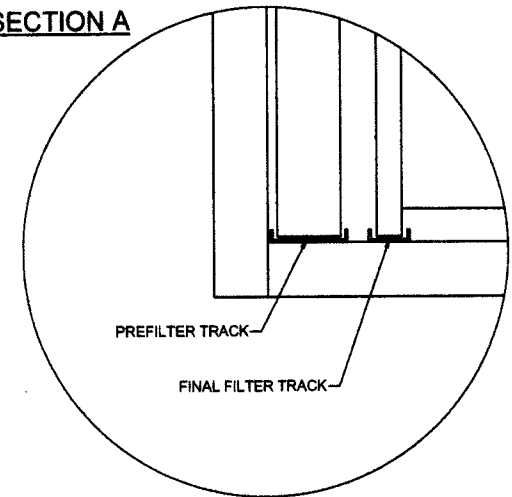


TOP VIEW

SECTION A



FRONT VIEW


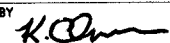
SIDE VIEW

STANDARD CONSTRUCTION

1. Factory Assembled Unit. See MKT-B-00430 Page 2 Or Brochure KA-275 For Sizes And Airflow Capacity
2. 16 Gauge Aluminized Steel Construction
3. 1-1/2" Perimeter Mounting Flange Both Sides, Undrilled
4. Extruded Aluminum Tracks For Standard 24x24 and 12x24 Filters
(1) Prefilter Track
(1) Final Filter Track
See MKT-B-00430 Page 2 For Filter Information
5. Fin Gasket Seal Located in Final Filter Track
6. Each Track Sealed At End With EPDM Gasket
Standard Operating Temperature 200 Degrees F
High Temperature Silicone Gasket Optional
7. Two Lift-Off, Hinged Access Doors Standard With Draw-Over Latches
8. Standard Design Pressure 3.0" W.G. Positive/Negative
9. Connection Hardware Provided By Others
10. See MKT-B-00430 Page 2 For Factory Available Options

NOTES

1. Completed Submittal Required At Time Of Order
Use Submittal SS-276 FOR 12" & 14" Housings
Use Submittal SS-275 FOR 21", 26", 38" & 42" Housings

 ONE SOURCE FOR AIR FILTRATION PRODUCTS P.O. Box 32578 Louisville, KY 40232 P: 502-969-2304 F: 502-961-0930	TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONAL +0 / -1/8 DECIMAL - ANGLES -		DRAWING NAME TWO-STAGE SIDE ACCESS FILTER HOUSING		APPROVED BY 	SPECIFICATION NO. MKT-B-00430	PAGE 1 OF 2
	CONTACT FACTORY TO VERIFY REVISION LEVEL			SCALE NONE	DWG. SIZE A	REVISION NEW	REVISION DATE 07-07-04
ALL DIMENSIONS IN INCHES							

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WIDTH CODE	01	02	03	04	05	06	07	08	09	10		
# FILTERS WIDE	1/2	1	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5		
WIDTH (INCHES)	11-1/2	23-1/2	35	47	58-1/2	70-1/2	82	94	105-1/2	117-1/2		
HEIGHT CODE	# FILTERS HIGH	HEIGHT (INCHES)	AIRFLOW CAPACITY (CFM) AT 500 FPM FACE VELOCITY NUMBER OF HALF SIZE 12 X 24 (H) AND FULL SIZE 24 X 24 (F) USED									
07	3-1/2	85-3/4		7000 1 H 3 F	10000 4 H 3 F Blank	14000 2 H 6 F	17000 5 H 6 F Blank	21000 3 H 9 F	24000 6 H 9 F Blank	28000 4 H 12 F	31000 7 H 12 F Blank	35000 5 H 15 F
06	3	74-1/16	3000 3 H 0 F	6000 0 H 3 F	9000 3 H 3 F	12000 0 H 6 F	15000 3 H 6 F	18000 0 H 9 F	21000 3 H 9 F	24000 0 H 12 F	27000 0 H 12 F	30000 0 H 15 F
05	2-1/2	62-1/16		5000 1 H 2 F	7000 3 H 2 F Blank	10000 2 H 4 F	12000 4 H 4 F Blank	15000 3 H 6 F	17000 5 H 6 F Blank	20000 4 H 8 F	22000 6 H 8 F Blank	25000 5 H 10 F
04	2	50-3/8	2000 2 H 0 F	4000 0 H 2 F	6000 2 H 2 F	8000 0 H 4 F	10000 2 H 4 F	12000 0 H 6 F	14000 2 H 6 F	16000 0 H 8 F	18000 2 H 8 F	20000 0 H 10 F
03	1-1/2	38-3/8		3000 1 H 1 F	4000 2 H 1 F Blank	6000 2 H 2 F	7000 3 H 2 F Blank	9000 3 H 3 F	10000 4 H 3 F Blank	12000 4 H 4 F	13000 5 H 4 F Blank	15000 5 H 5 F
02	1	26-11/16	1000 1 H 0 F	2000 0 H 1 F	3000 1 H 1 F	4000 0 H 2 F	5000 1 H 2 F	6000 0 H 3 F	7000 1 H 3 F	8000 0 H 4 F	9000 1 H 4 F	10000 0 H 5 F
01	1/2	14-11/16		1000 1 H 0 F		2000 2 H 0 F		3000 3 H 0 F		4000 4 H 0 F		5000 5 H 0 F

AVAILABLE FACTORY OPTIONS

- WEATHERPROOFING** - Housing shall be provided with a 16 GA aluminized steel pitched rain roof. All seams shall be sealed using a high viscosity, non-silicone, permanent sealant.
- DOUBLE SKIN INSULATION** - Housing shall be provided with 1" thick double wall insulation. Insulation shall be enclosed in 24 GA aluminized steel panels located on the interior of the access doors and exterior of the top and bottom panels. Insulation shall be 1.5 pound density.
- SUPPORT LEGS** - Housing shall be provided with 12 GA aluminized steel support legs. Maximum height of 6" from bottom of flange to floorline. Quantity of support legs are as follows:
02 - 04 Width Code: (2) Support Legs Each Side
05 - 07 Width Code: (3) Support Legs Each Side
08 - 10 Width Code: (4) Support Legs Each Side
- FLANGE ADAPTERS** - Housing shall be provided with 16 GA aluminized steel flat adapter flanges to match customer equipment and specifications. Flanges may be single (one side only) or double (both sides) per customer requirements.
- HANGER BRACKETS** - Housing shall be provided with 12 GA aluminized steel hanger brackets welded to the top panel. Location may be (1) pair of brackets on either the air-entering or air-leaving side or (2) pair of brackets, (1) located on each corner. Brackets are supplied with 5/8" diameter hole for hanger rod. Hanger brackets are for support of the housing only. Other duct connections or equipment must be supported independently.
- HIGH PRESSURE** - Housing shall be provided to meet operating static pressure of 10" W.G. positive or negative. Access doors are provided with full length piano hinges (doors will not lift off). Consult factory for other high pressure applications.
- STATIC TAPS** - Housing shall be provided with static pressure fittings for 1/4" metal tube connection. Taps may be located (1) before prefilter, (2) between prefilter and final filter and (3) after final filter.
- ALTERNATE MATERIAL OF CONSTRUCTION** - Housing shall be constructed of alternate materials at customer request:
- 304 or 316 Stainless Steel
- Epoxy Coating. Coating may be exterior only, interior only or exterior/interior.

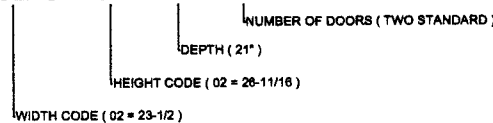
HOUSING DEPTH (INCHES)	PREFILTER DEPTH	FINAL FILTER	
		TRACK DEPTH	MAXIMUM FILTER DEPTH
12	2"	4"	4"
14	4"	4"	4"
21	2"	1"	15" WITH SINGLE HEADER
26	4"	1"	15" WITH SINGLE HEADER
38	2" OR 4"	1"	30" WITH SINGLE HEADER
42	2" OR 4"	1"	36" WITH SINGLE HEADER

NOTES

- "Blank" Denotes Use of 12x12 Nominal Blank-Off Plate (Included With Housing)

MODEL NUMBER EXAMPLE

02 SA 02 - 21 - 02



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Louisville, KY 40232
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F: 502-961-0930

CONTACT FACTORY TO VERIFY REVISION LEVEL

TOLERANCES UNLESS OTHERWISE SPECIFIED

FRACTIONAL +0 / -1/8
DECIMAL -
ANGLES -

ALL DIMENSIONS IN INCHES

DRAWING NAME

TWO STAGE SIDE ACCESS HOUSING

APPROVED BY <i>KCD</i>	SPECIFICATION NO. MKT-B-00430	PAGE 2 OF 2
SCALE NONE	DWG. SIZE A	REVISION NEW
		REVISION DATE 07-07-04

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