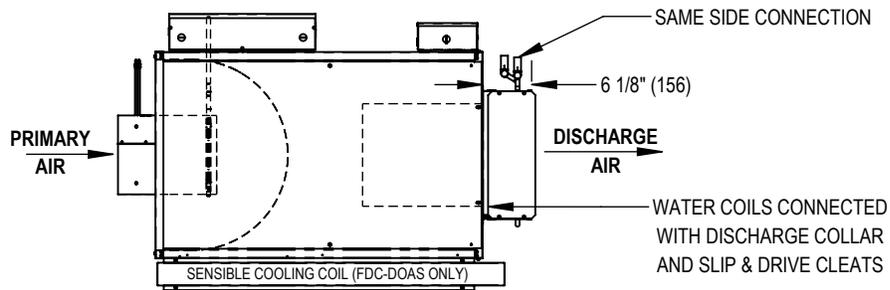


UNIT SIZE	IMPERIAL UNITS (inches)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
10	12	10	1/2	7/8	14	12 1/2	1/2	7/8
20	16	15	7/8	7/8	20	17 1/2	1/2	7/8
30	16	15	7/8	7/8	20	17 1/2	1/2	7/8
40	16	15	7/8	7/8	20	17 1/2	1/2	7/8
50	20	17 1/2	7/8	7/8	28	17 1/2	7/8	7/8

UNIT SIZE	SI UNITS (mm)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
10	305	254	13	22	356	318	13	22
20	406	381	22	22	508	445	13	22
30	406	381	22	22	508	445	13	22
40	406	381	22	22	508	445	13	22
50	508	445	22	22	711	445	22	22



NOTES

1. FABRICATED FROM 22 GA. GALVANIZED STEEL. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
3. METHOD OF VENTING HOT WATER COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
4. HANDING OF HOT WATER COILS CAN BE ON THE SAME SIDE AS THE CONTROLS, OR OPPOSITE SIDE. LEFT HAND UNIT WITH SAME SIDE CONNECTION IS ILLUSTRATED ABOVE.
5. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
6. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.

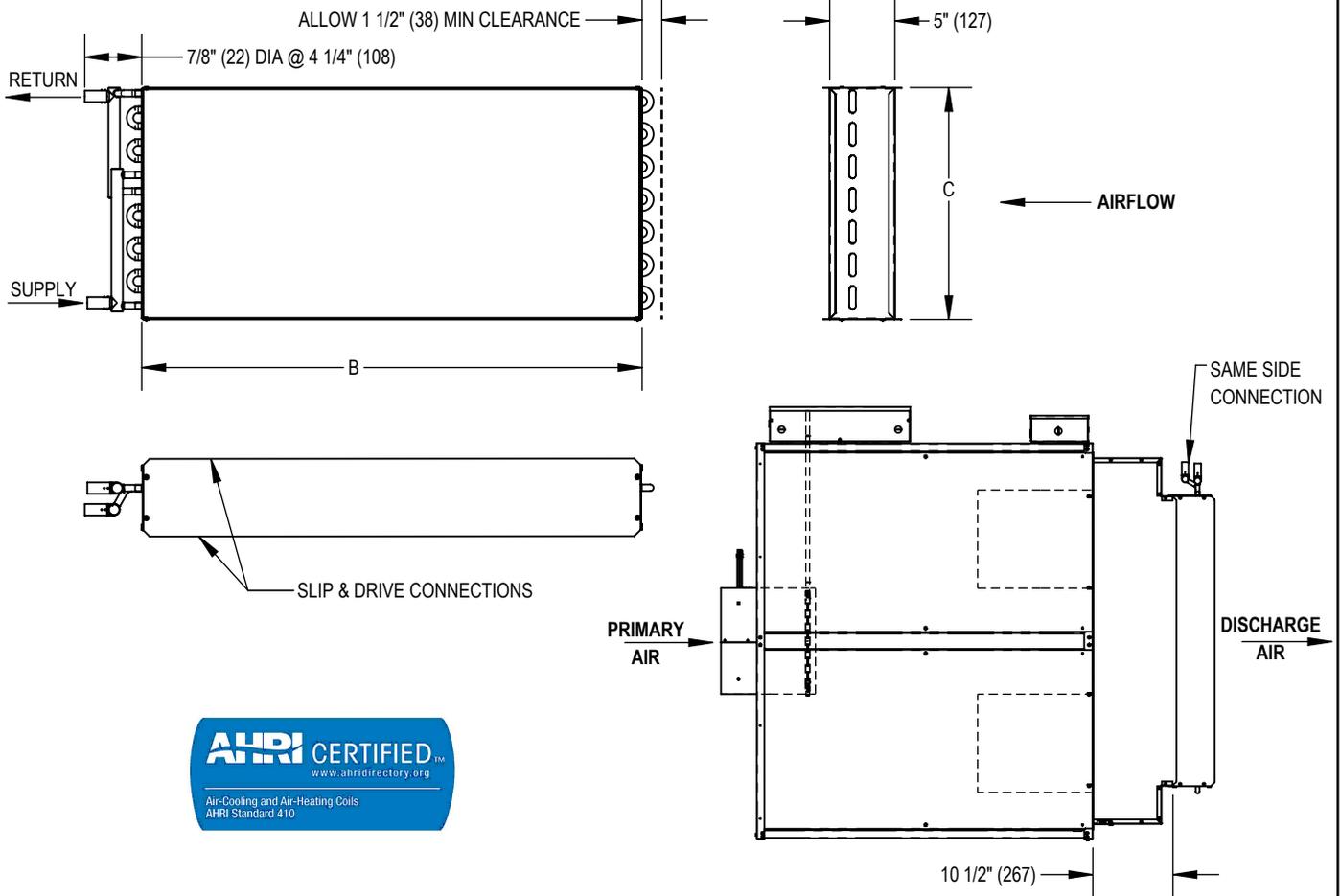
OPTIONS

- HC - HIGH CAPACITY COILS SUPPLIED WITH 12 FINS PER INCH.



ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		APPROVED BY: G
SUBMITTAL DATE:		DRAWING NO: 267930
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
HOT WATER COILS FAN POWERED TERMINALS FDC & FDC DOAS SIZES 10-50		



UNIT SIZE	IMPERIAL UNITS (inches)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
60	38	18	7/8	7/8	38	18	7/8	7/8

UNIT SIZE	SI UNITS (mm)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
60	965	457	22	22	965	457	22	22

NOTES

1. FABRICATED FROM 22 GA. GALVANIZED STEEL. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINS WITH O.D. SWEAT CONNECTIONS.
3. METHOD OF VENTING HOT WATER COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
4. FLANGED ADAPTOR REQUIRED TO ATTACH HOT WATER COILS TO FANS.

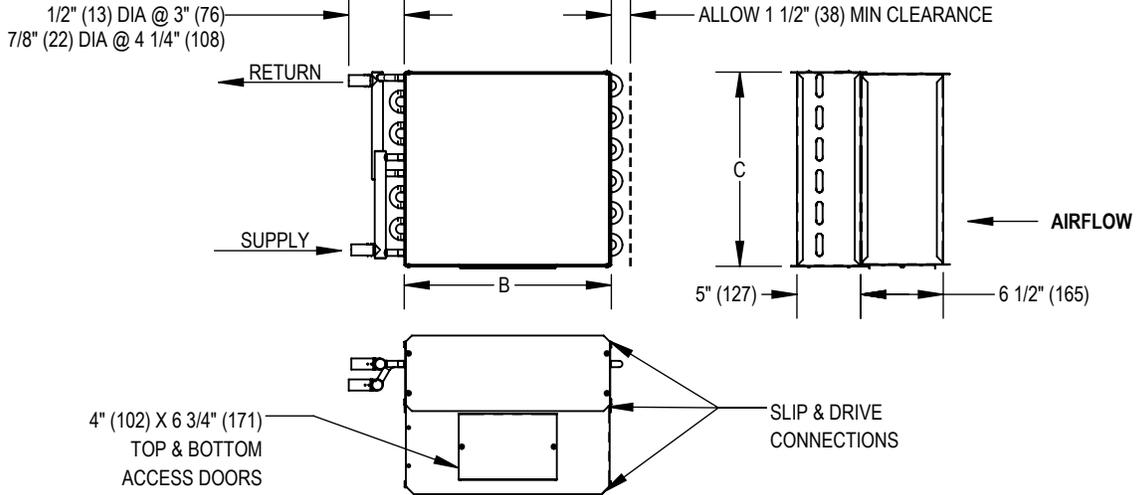
5. HANDING OF HOT WATER COILS CAN BE ON THE SAME SIDE AS THE CONTROLS, OR OPPOSITE SIDE. LEFT HAND UNIT WITH SAME SIDE CONNECTION IS ILLUSTRATED ABOVE.
6. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
7. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.

OPTIONS

- HC - HIGH CAPACITY COILS SUPPLIED WITH 12 FINS PER INCH.

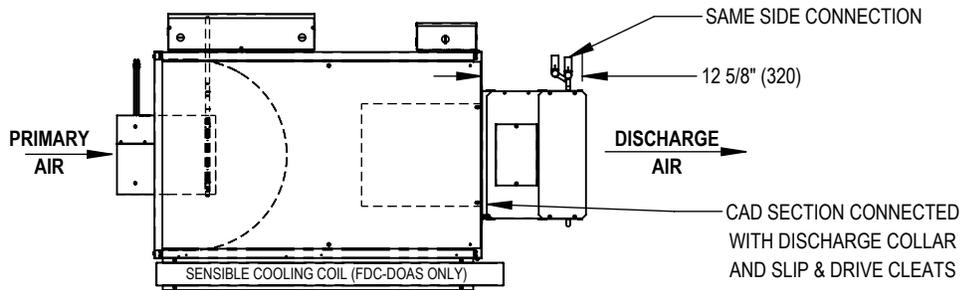
ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:			
CUSTOMER:		DRAWING NO: 267930	HOT WATER COILS FAN POWERED TERMINALS FDC SIZE 60
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025	



UNIT SIZE	IMPERIAL UNITS (inches)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
10	12	10	1/2	7/8	14	12 1/2	1/2	7/8
20	16	15	7/8	7/8	20	17 1/2	1/2	7/8
30	16	15	7/8	7/8	20	17 1/2	1/2	7/8
40	16	15	7/8	7/8	20	17 1/2	1/2	7/8
50	20	17 1/2	7/8	7/8	28	17 1/2	7/8	7/8

UNIT SIZE	SI UNITS (mm)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
10	305	254	13	22	356	318	13	22
20	406	381	22	22	508	445	13	22
30	406	381	22	22	508	445	13	22
40	406	381	22	22	508	445	13	22
50	508	445	22	22	711	445	22	22



NOTES

1. FABRICATED FROM 22 GA. GALVANIZED STEEL. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINNS WITH O.D. SWEAT CONNECTIONS.
3. METHOD OF VENTING HOT WATER COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
4. HANDING OF HOT WATER COILS CAN BE ON THE SAME SIDE AS THE CONTROLS, OR OPPOSITE SIDE. LEFT HAND UNIT WITH SAME SIDE CONNECTION IS ILLUSTRATED ABOVE.
5. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
6. STANDARD COILS SUPPLIED WITH 10 FINS PER INCH.

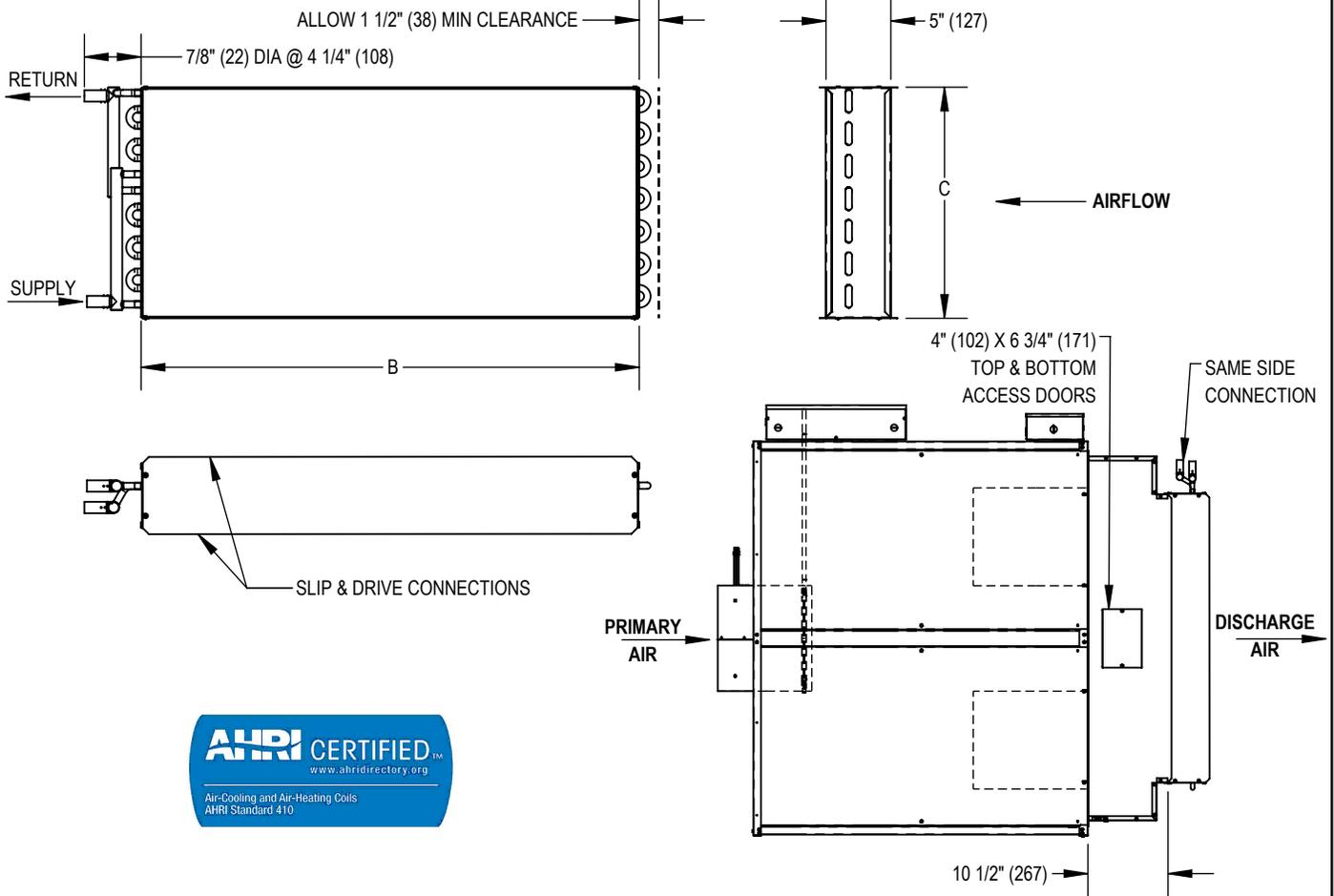
OPTIONS

- HC - HIGH CAPACITY COILS SUPPLIED WITH 12 FINS PER INCH.
- CAD - ACCESS DOOR W/ SCREWS.
- CADL - ACCESS DOOR W/ SNAP LATCHES.
- CADQ - ACCESS DOOR W/ QUARTER TURN SASH LATCHES.



ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		APPROVED BY:
SUBMITTAL DATE:		DRAWING NO: 267931
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
		HOT WATER COILS FAN POWERED TERMINALS FDC & FDC DOAS w/ ACCESS DOOR SIZES 10-50



UNIT SIZE	IMPERIAL UNITS (inches)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
60	38	18	7/8	7/8	38	18	7/8	7/8

UNIT SIZE	SI UNITS (mm)							
	STANDARD COILS				HIGH CAPACITY COILS			
	B	C	CONNECTION SIZES		B	C	CONNECTION SIZES	
			1 ROW	2 ROW			1 ROW	2 ROW
60	965	457	22	22	965	457	22	22

NOTES

1. FABRICATED FROM 22 GA. GALVANIZED STEEL. MECHANICALLY SEALED, LEAK RESISTANT CONSTRUCTION.
2. HOT WATER COILS HAVE COPPER TUBES AND ALUMINUM FINNS WITH O.D. SWEAT CONNECTIONS.
3. METHOD OF VENTING HOT WATER COIL IS TO BE PROVIDED BY INSTALLING CONTRACTOR.
4. FLANGED ADAPTOR REQUIRED TO ATTACH HOT WATER COILS TO FANS.

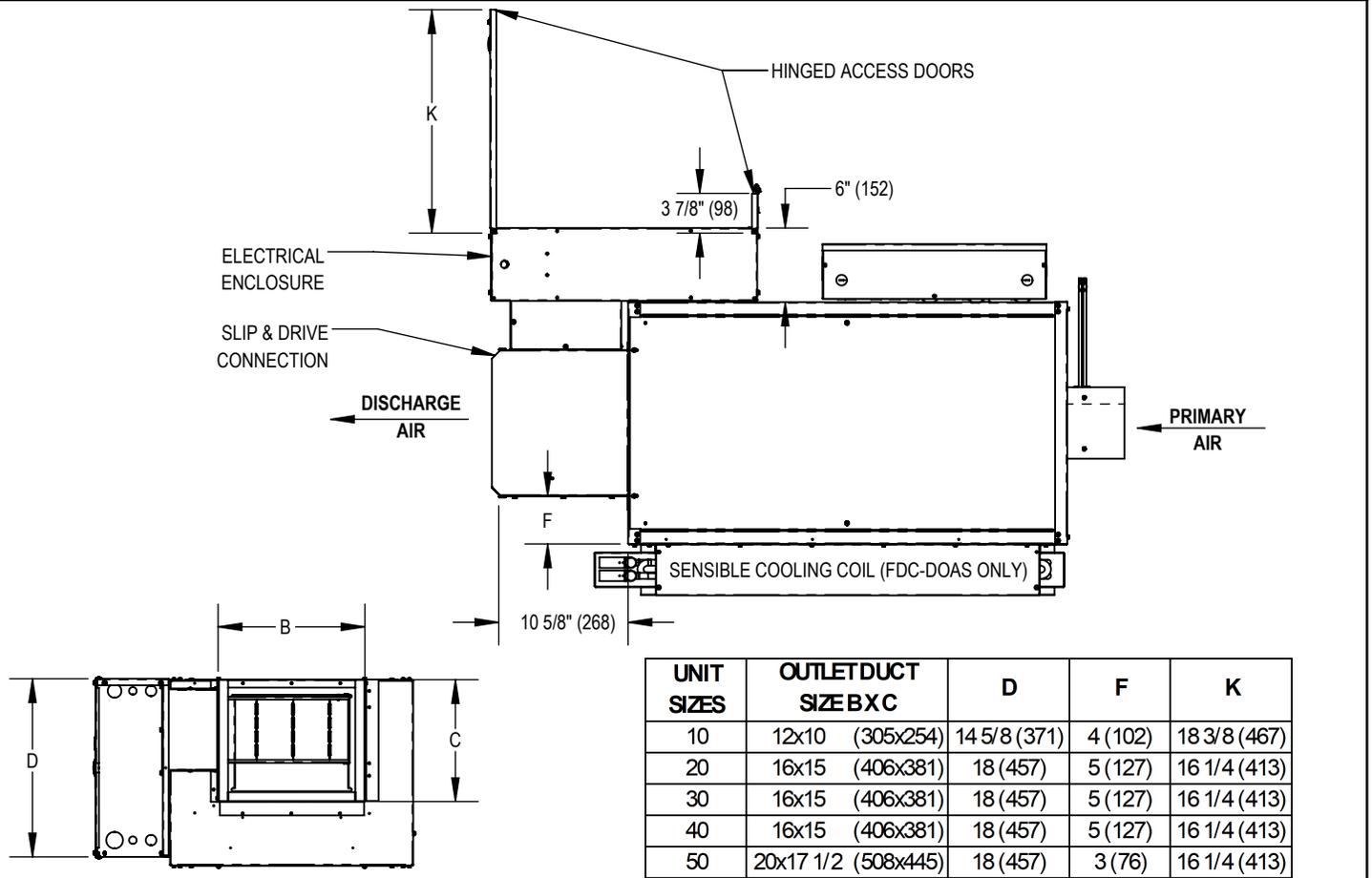
5. HANDING OF HOT WATER COILS CAN BE ON THE SAME SIDE AS THE CONTROLS, OR OPPOSITE SIDE. LEFT HAND UNIT WITH SAME SIDE CONNECTION IS ILLUSTRATED ABOVE.
6. PERFORMANCE RATED AND CERTIFIED IN ACCORDANCE WITH THE CURRENT EDITION OF AHRI STANDARD 410.
7. STANDARD COILS SUPPLIED WITH 10 FINNS PER INCH.

OPTIONS

- HC - HIGH CAPACITY COILS SUPPLIED WITH 12 FINNS PER INCH.
- CAD - ACCESS DOOR W/ SCREWS.
- CADL - ACCESS DOOR W/ SNAP LATCHES.
- CADQ - ACCESS DOOR W/ QUARTER TURN SASH LATCHES.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:			
CUSTOMER:		DRAWING NO: 267931	HOT WATER COILS FAN POWERED TERMINALS FDC w/ ACCESS DOOR SIZE 60
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025	



UNIT SIZES	OUTLETDUCT SIZE B X C	D	F	K
10	12x10 (305x254)	14 5/8 (371)	4 (102)	18 3/8 (467)
20	16x15 (406x381)	18 (457)	5 (127)	16 1/4 (413)
30	16x15 (406x381)	18 (457)	5 (127)	16 1/4 (413)
40	16x15 (406x381)	18 (457)	5 (127)	16 1/4 (413)
50	20x17 1/2 (508x445)	18 (457)	3 (76)	16 1/4 (413)

STANDARD FEATURES

- INTEGRATED RIVET HINGED ACCESS DOOR
- AUTOMATIC RESET THERMAL CUTOUT
- MANUAL RESET THERMAL CUTOUT
- FAN INTERLOCKED WITH HEATING ELEMENTS
- MAGNETIC CONTACTORS
- 20 GA. GALVANIZED STEEL CONSTRUCTION
- HIGH GRADE NICKEL CHROME HEATING ELEMENTS
- SINGLE POINT ELECTRICAL CONNECTION, EXCEPT SEPARATE POWER SUPPLY FOR 600/3 O/3 WIRE

SUPPLY VOLTAGE:

- 115/10
- 208/10 (3 WIRE)
- 240/10
- 277/10
- 480/10 (3 WIRE)
- 208/30 (4 WIRE)
- 480/30 (4 WIRE)
- 600/30 (3 OR 4 WIRE)

OPTIONAL FEATURES

- AIR FLOW SWITCH
- CONTROL CIRCUIT FUSE
- DOOR INTERLOCK DISCONNECT SWITCH
- MAIN SUPPLY FUSE
- MOTOR FUSE
- SCR CONTROLS
- SCR-DAT CONTROLS
 - 0 to 10 Vdc CONTROL SIGNAL
 - 4 to 20 mA CONTROL SIGNAL
 - 24 VAC PULSE CONTROL
- DP - DUAL POINT POWER CONNECTION
- INSULATED EC SECTION

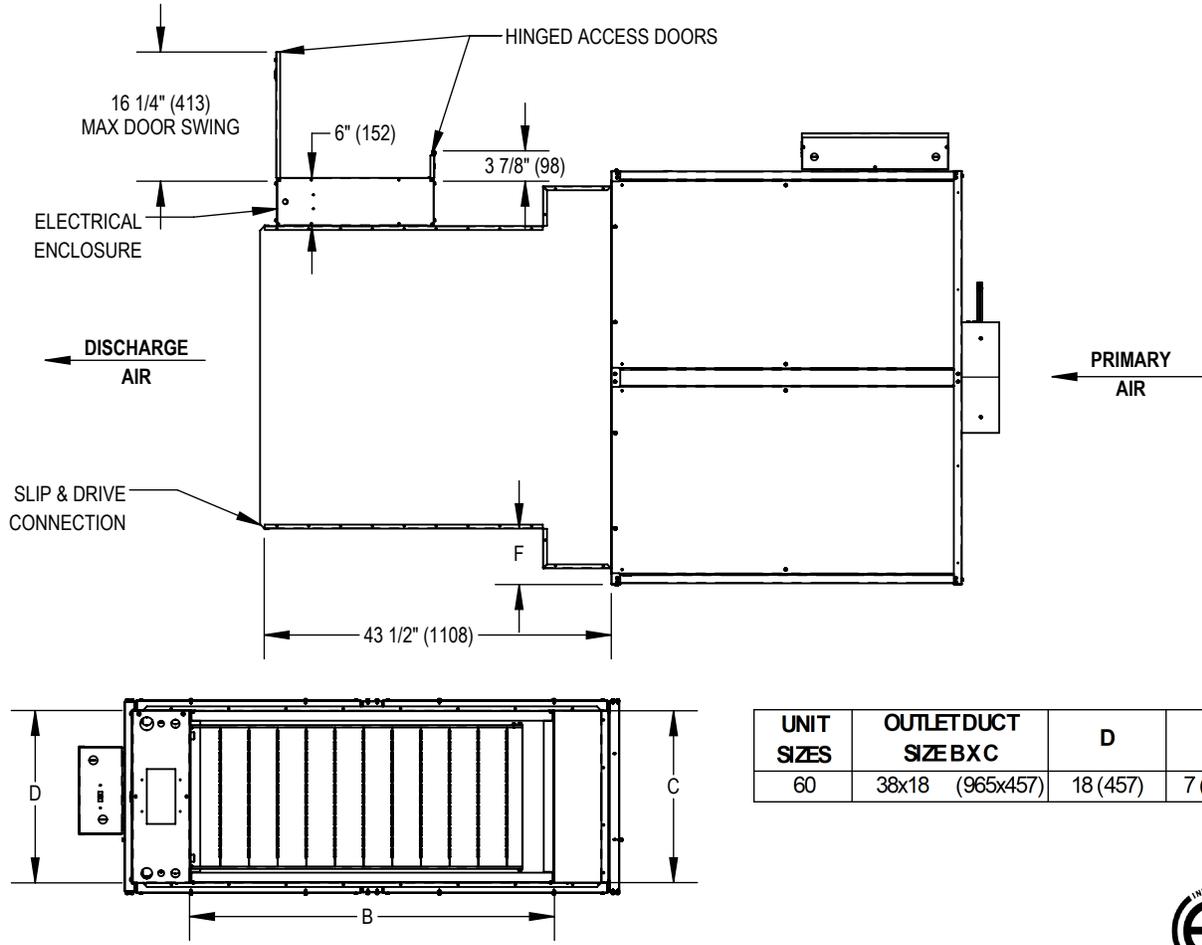


NOTES

- 70 CFM PER KW MINIMUM AIR FLOW ACROSS HEATER COILS.
- MINIMUM 0.2" w.g.(50 Pa) EXTERNAL STATIC PRESSURE TO OPERATE.
- ASSEMBLY ETL CERTIFIED TO UL1995 & CSA236.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		APPROVED BY:
SUBMITTAL DATE:		DRAWING NO: 267932
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
ELECTRIC COILS CONSTANT VOLUME FDC & FDC DOAS SIZES 10-50		



UNIT SIZES	OUTLET DUCT SIZE BXC	D	F
60	38x18 (965x457)	18 (457)	7 (178)



STANDARD FEATURES

- INTEGRATED RIVET HINGED ACCESS DOOR
- AUTOMATIC RESET THERMAL CUTOUT
- MANUAL RESET THERMAL CUTOUT
- FAN INTERLOCKED WITH HEATING ELEMENTS
- MAGNETIC CONTACTORS
- 20 GA. GALVANIZED STEEL CONSTRUCTION
- HIGH GRADE NICKEL CHROME HEATING ELEMENTS
- SINGLE POINT ELECTRICAL CONNECTION, EXCEPT SEPARATE POWER SUPPLY FOR 600/3 O/3 WIRE

SUPPLY VOLTAGE:

- 115/10
- 208/10 (3 WIRE)
- 240/10
- 277/10
- 480/10 (3 WIRE)
- 208/30 (4 WIRE)
- 480/30 (4 WIRE)
- 600/30 (3 OR 4 WIRE)

OPTIONAL FEATURES

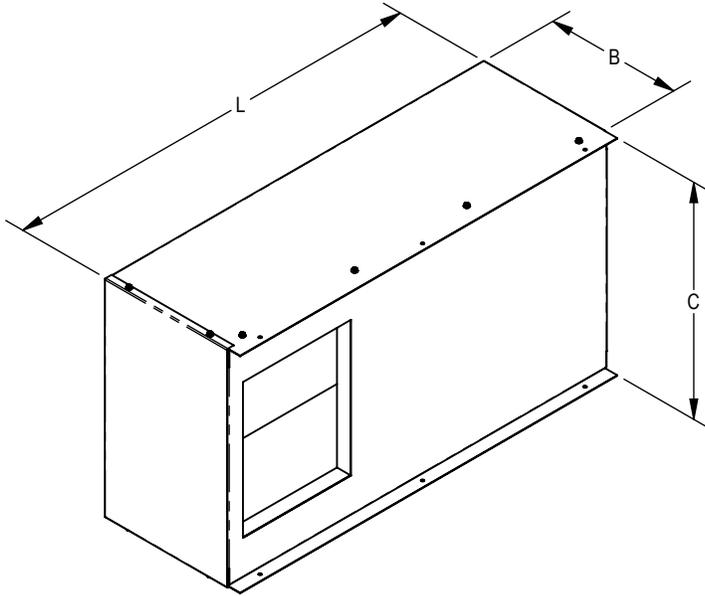
- AIR FLOW SWITCH
- CONTROL CIRCUIT FUSE
- DOOR INTERLOCK DISCONNECT SWITCH
- MAIN SUPPLY FUSE
- MOTOR FUSE
- SCR CONTROLS
- SCR-DAT CONTROLS
 - 0 to 10 Vdc CONTROL SIGNAL
 - 4 to 20 mA CONTROL SIGNAL
 - 24 VAC PULSE CONTROL
- DP - DUAL POINT POWER CONNECTION
- INSULATED EC SECTION

NOTES

- 70 CFM PER KW MINIMUM AIR FLOW ACROSS HEATER COILS.
- MINIMUM 0.2" w.g.(50 Pa) EXTERNAL STATIC PRESSURE TO OPERATE.
- ASSEMBLY ETL CERTIFIED TO UL1995 & CSA236.

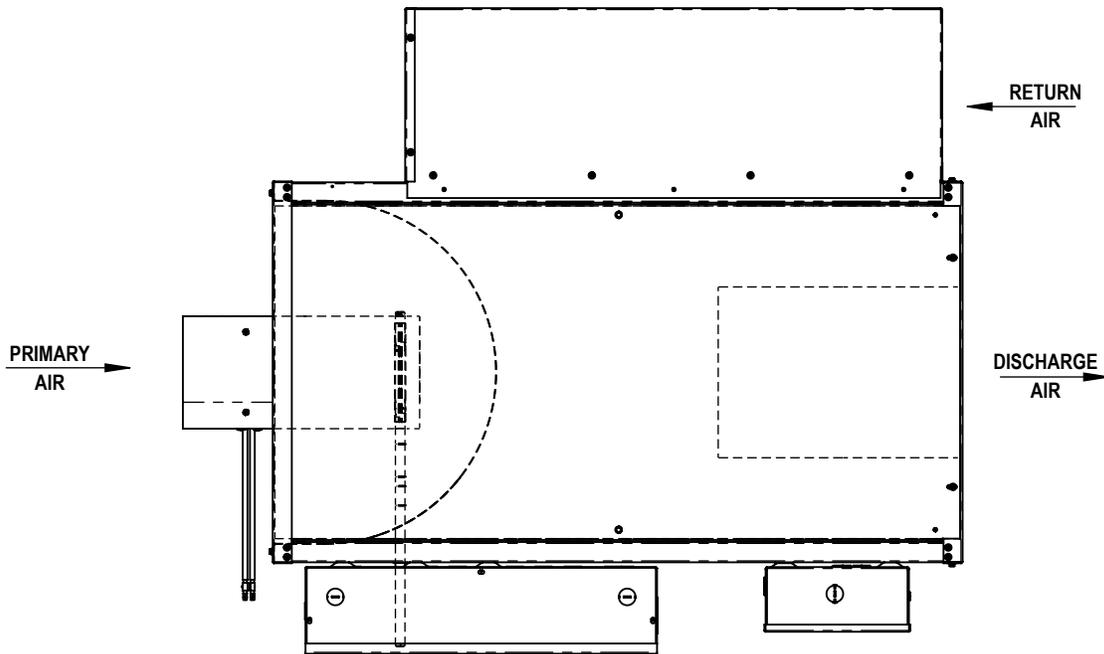
ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		
ENGINEER:		
CUSTOMER:		APPROVED BY:
SUBMITTAL DATE:		DRAWING NO: 267932
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
ELECTRIC COILS CONSTANT VOLUME FDC SIZE 60		



UNIT SIZE	IMPERIAL UNITS(inches)		
	L	B	C
10	28	9	15 1/4
20	38	15	18 1/2
30	38	15	18 1/2
40	38	17	18 1/2
50	41	17	20 1/8

UNIT SIZE	SI UNITS(mm)		
	L	B	C
10	711	229	387
20	965	381	470
30	965	381	470
40	965	432	470
50	1041	432	511

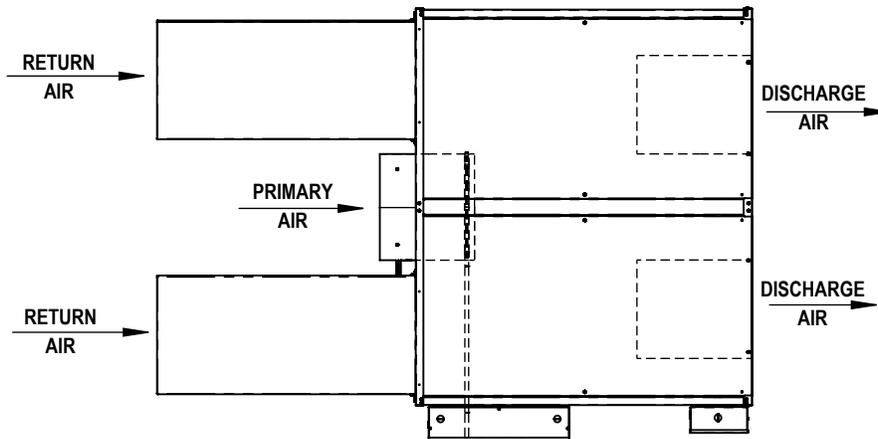
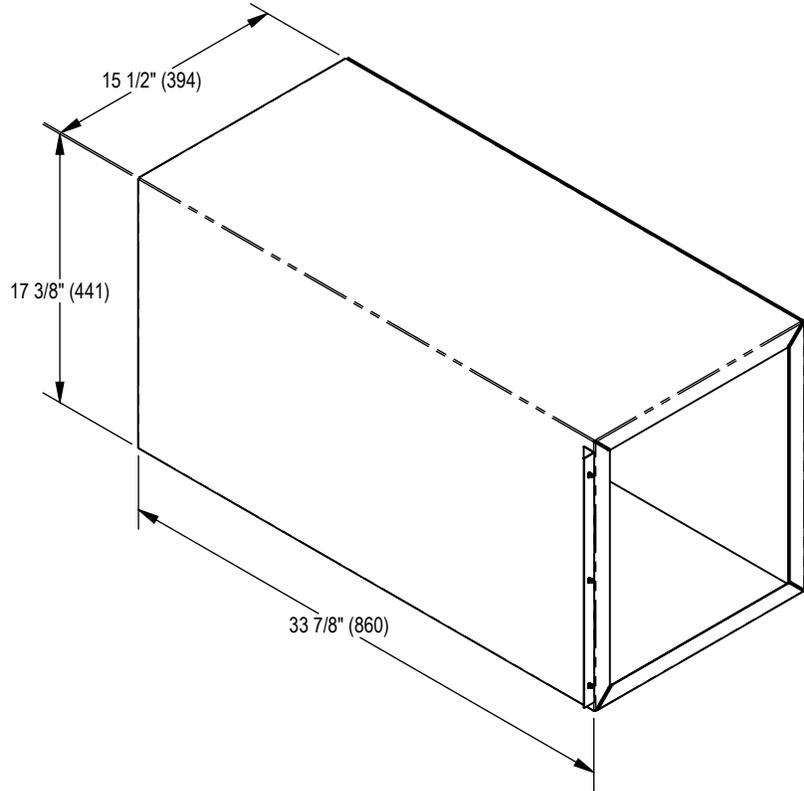


NOTES

- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- INTERNAL INSULATION - 1" (25mm) THICK, MIN. 1.5 LB/CU.FT DENSITY WHICH MEETS REQUIREMENTS OF NFPA90A AND UL181.
- ATTENUATOR LINER MATCHES THE UNIT LINER (EXCEPT FOR SM1 UNIT LINER COMES WITH PM1 ATTENUATOR LINER).

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		DRAWING NO: 267933
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025
		ATTENUATOR FAN POWERED TERMINALS INLET FDC SIZES 10-50

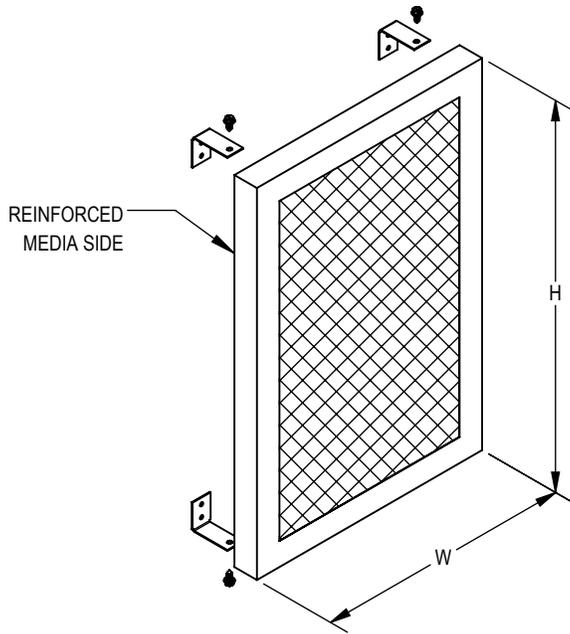


NOTES

- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- INTERNAL INSULATION - 1" (25mm) THICK, MIN. 1.5 LB/CU.FT DENSITY WHICH MEETS REQUIREMENTS OF NFPA90A AND UL181.
- ATTENUATOR LINER MATCHES THE UNIT LINER (EXCEPT FOR SM1 UNIT LINER COMES WITH PM1 ATTENUATOR LINER).

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:		APPROVED BY: G	ATTENUATOR FAN POWERED TERMINALS INLET FDC SIZE 60
CUSTOMER:		DRAWING NO: 267933	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025	

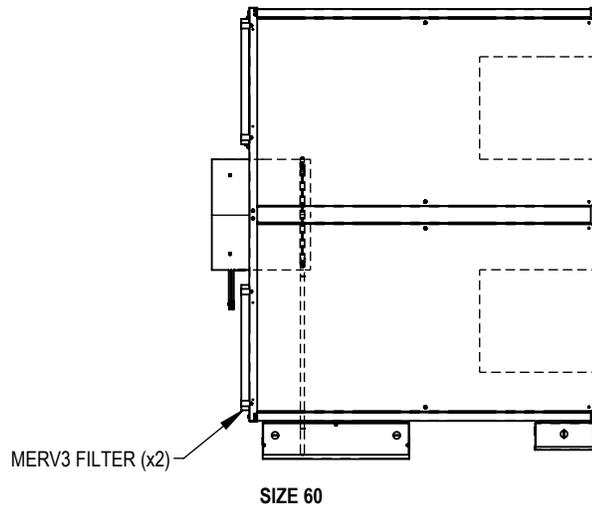
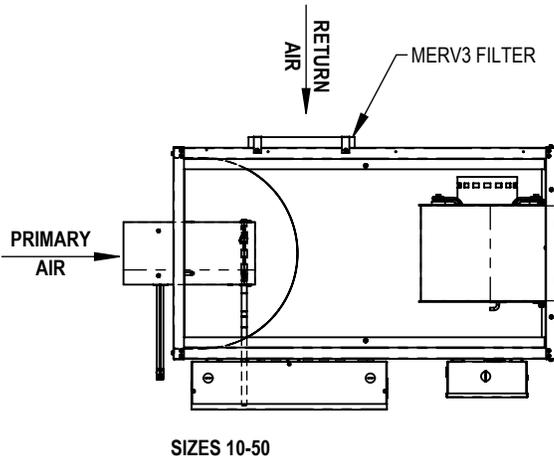


UNIT SIZE	IMPERIAL UNITS		S.I. UNITS	
	W	H	W	H
10	10	15 1/4	254	387
20	15 7/8	18 1/2	403	470
30	15 7/8	18 1/2	403	470
40	15 7/8	18 1/2	403	470
50	17 7/8	20 1/8	454	511
60*	15 3/4	20 1/8	400	511

*SIZE 60 REQUIRES 2 FILTERS

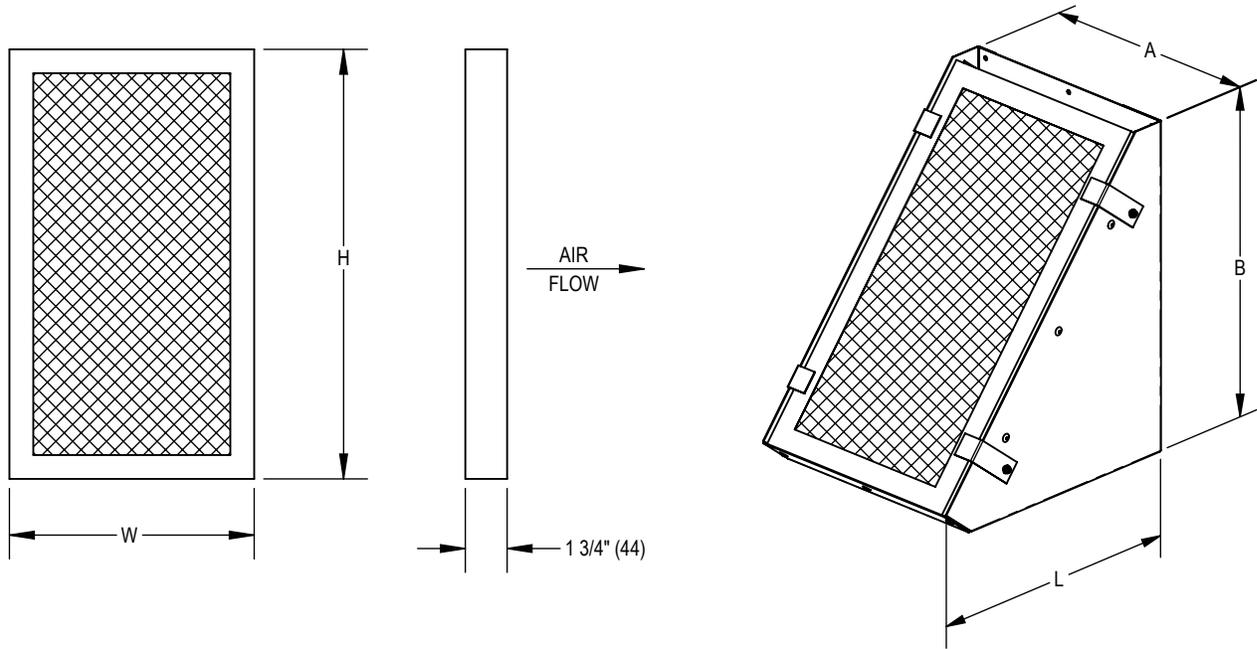
NOTES:

- 1" (25) NOMINAL FILTER MEDIA.
- CARDBOARD FRAME.
- MERV 3 RATING (THROWAWAY).
- FILTERS ARE CLIPPED TO TERMINAL CASING.



ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
		APPROVED BY: G	FILTERS FAN POWERED TERMINAL FDC SIZES 10-60 MERV3
ENGINEER:		DRAWING NO: 267934	
CUSTOMER:		DATE DRAWN: 5/1/2025	
SUBMITTAL DATE:	SPEC. SYMBOL:		

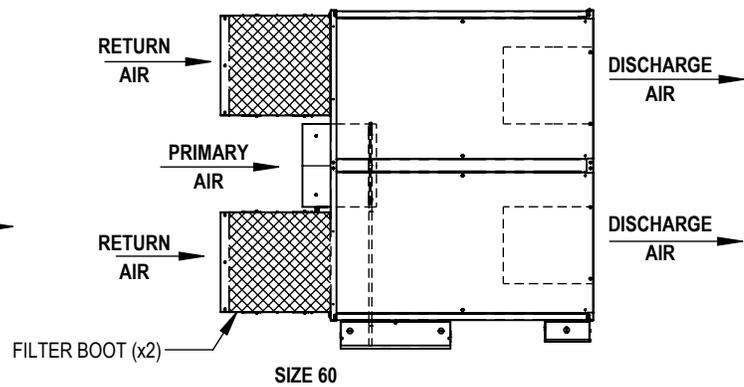
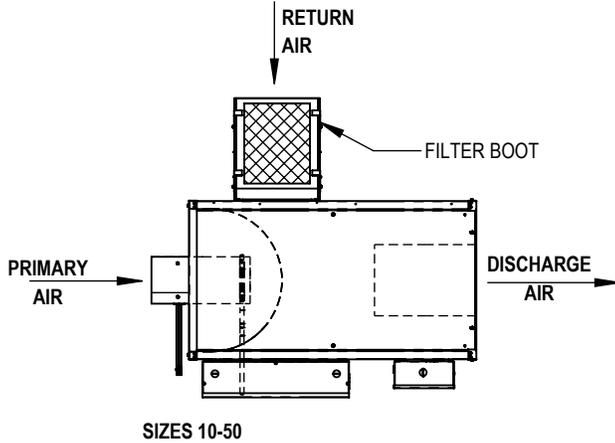


UNIT SIZE	IMPERIAL UNITS					S.I. UNITS				
	FILTER		BOOT SIZE			FILTER		BOOT SIZE		
	W	H	A	B	L	W	H	A	B	L
10	10 1/4	18	10 3/4	15 1/4	13	260	457	273	387	330
20	15	20 3/4	15 1/2	18 1/2	13	381	527	394	470	330
30	15	20 3/4	15 1/2	18 1/2	13	381	527	394	470	330
40	17 1/2	23 1/2	18	18 1/2	17 1/2	445	597	457	470	445
50	21 3/8	23 7/8	21 7/8	20 1/8	16 1/4	543	606	556	511	413
60*	16 1/4	25 1/4	16 3/4	20 1/8	18 1/2	413	641	425	511	470

NOTES:

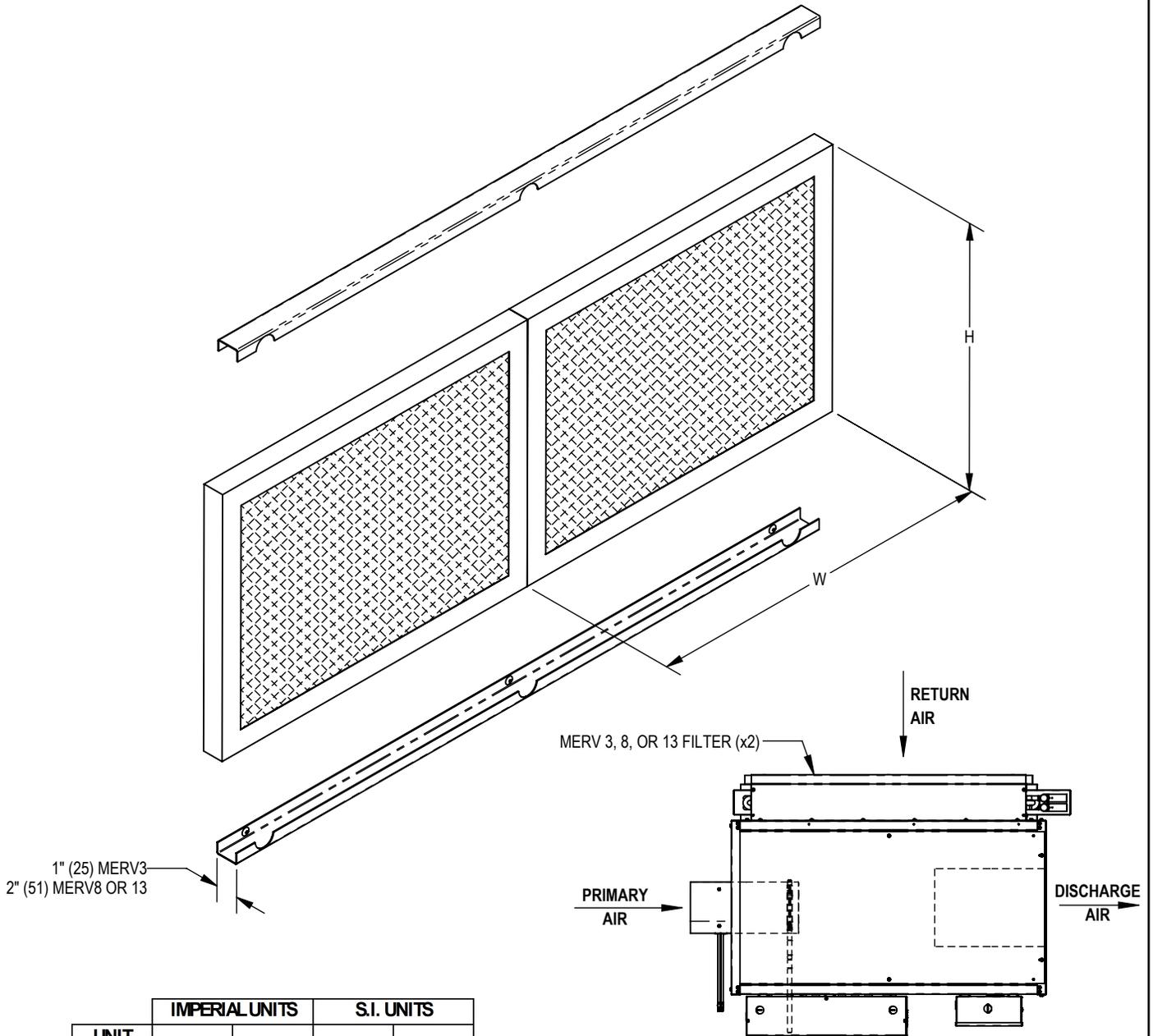
- 2" (51) NOMINAL FILTER MEDIA.
- CARDBOARD FRAME.
- MERV 8 RATING
- FILTER MOUNTED AS STANDARD ON RH CONFIGURATION AS SHOWN BELOW. UNITS WITH LH CONFIGURATION ARE FLIPPED CAUSING THE FILTER BOOT TO FACE DOWN.

*SIZE 60 REQUIRES 2 FILTERS



ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price
ENGINEER:		
CUSTOMER:		APPROVED BY: G
SUBMITTAL DATE:		DRAWING NO: 267934
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
FILTERS FAN POWERED TERMINAL FDC SIZES 10-60 MERV8		



UNIT SIZE	IMPERIAL UNITS		S.I. UNITS	
	W	H	W	H
10	16 1/2	12 1/2	419	318
20	19	15	483	381
30	19	15	483	381
40	19	15	483	381
50	20 1/2	17 1/2	521	445

NOTES:

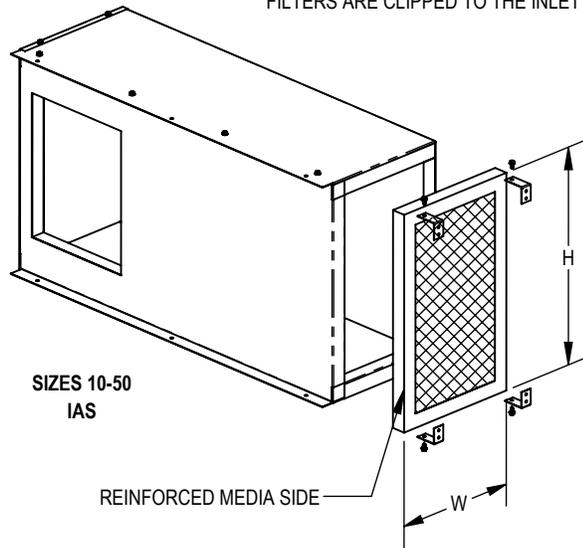
- 1" (25) NOMINAL FILTER MEDIA, FOR MERV 3 RATING (THROWAWAY).
- 2" (51) NOMINAL FILTER MEDIA, FOR MERV 8 OR 13 RATING.
- CARDBOARD FRAME.
- 2 FILTERS PER UNIT REQUIRED.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		APPROVED BY: GH
SUBMITTAL DATE:		DRAWING NO: 267934
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
FILTERS FAN POWERED TERMINAL FDC DOAS SIZES 10-50 MERV3, 8, OR 13		

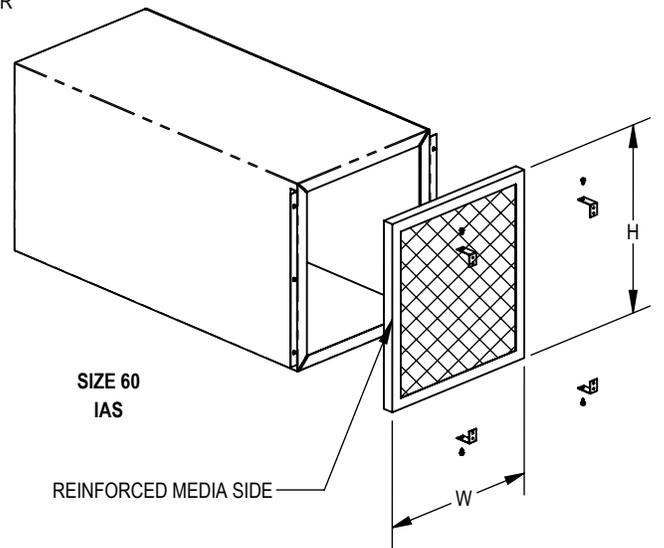
MERV 3 FILTER

FILTERS ARE CLIPPED TO THE INLET ATTENUATOR



SIZES 10-50
IAS

REINFORCED MEDIA SIDE



SIZE 60
IAS

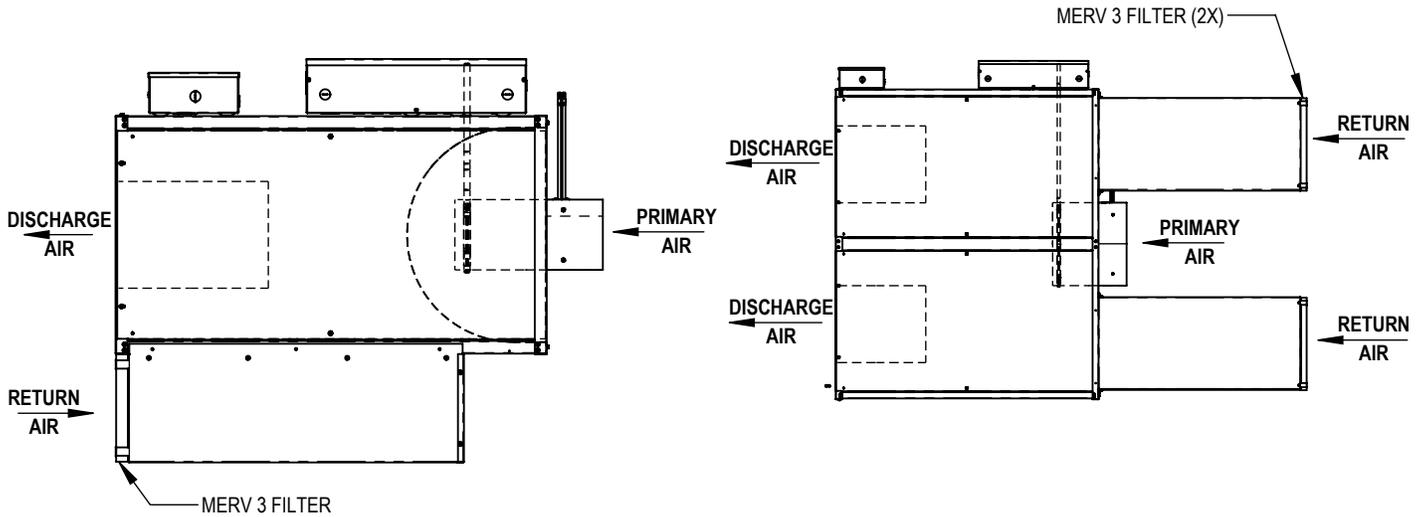
REINFORCED MEDIA SIDE

UNIT SIZE	IMPERIAL UNITS		S.I. UNITS	
	W	H	W	H
10	9	15 1/4	229	387
20	15	18 1/2	381	470
30	15	18 1/2	381	470
40	17	18 1/2	432	470
50	17	20 1/8	432	511
60*	15 1/2	17 1/2	394	445

*SIZE 60 REQUIRES 2 FILTERS

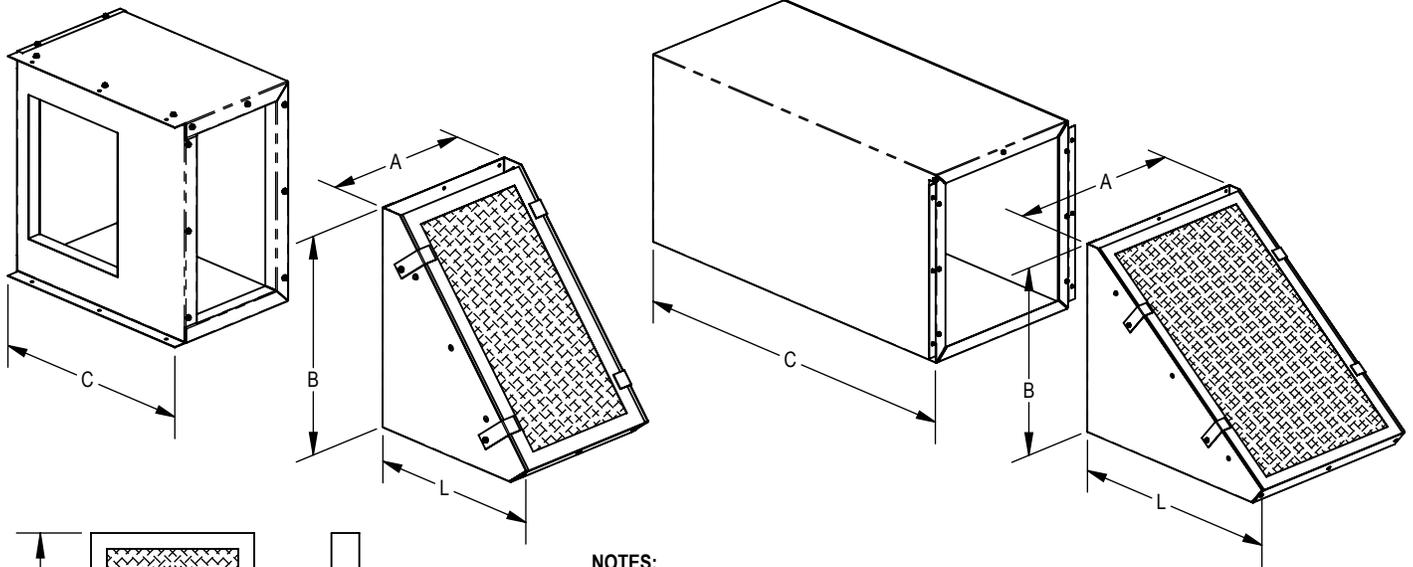
NOTES:

- 1" (25) NOMINAL FILTER MEDIA.
- CARDBOARD FRAME.
- MERV 3 RATING (THROWAWAY).



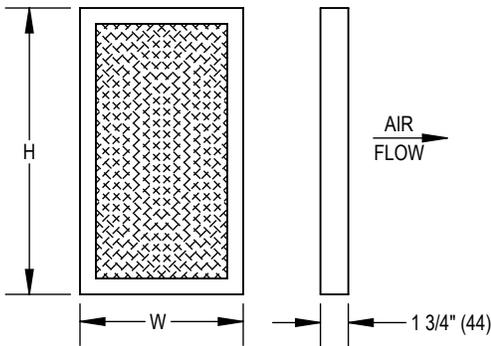
ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price
ENGINEER:		
CUSTOMER:		APPROVED BY: G
SUBMITTAL DATE:		DRAWING NO: 268268
SPEC. SYMBOL:		DATE DRAWN: 2025-05-01
FILTERS FAN POWERED TERMINAL FDC SIZES 10-60 MERV 3 w/ IAS		

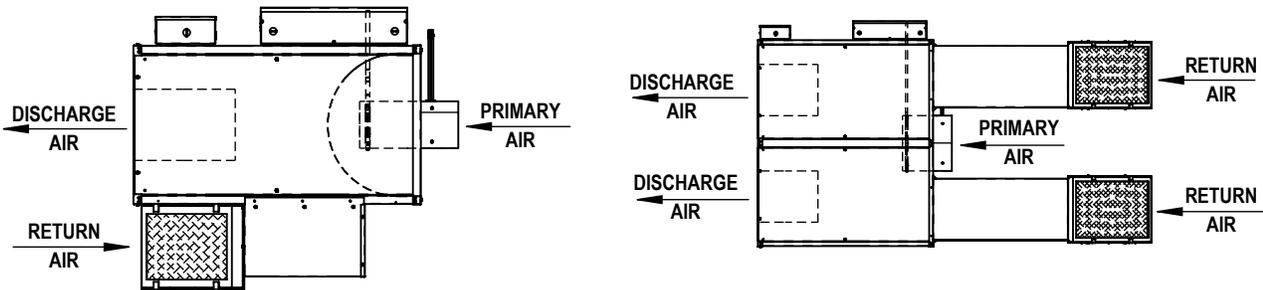


NOTES:

- 2" (51) NOMINAL FILTER MEDIA.
- CARDBOARD FRAME.
- MERV 8 RATING.
- FILTER MOUNTED AS STANDARD ON RH CONFIGURATION AS SHOWN BELOW. UNITS WITH LH CONFIGURATION ARE FLIPPED, CAUSING THE FILTER BOOT TO FACE DOWN.



UNIT SIZE	IMPERIAL UNITS						S.I. UNITS					
	FILTER		BOOTSIZE			IAS	FILTER		BOOTSIZE			IAS
	W	H	A	B	L	C	W	H	A	B	L	C
10	10 1/4	18	10 3/4	15 1/4	13	15	260	457	273	387	330	381
20	15	20 3/4	15 1/2	18 1/2	13	24 3/4	381	527	394	470	330	629
30	15	20 3/4	15 1/2	18 1/2	13	24 3/4	381	527	394	470	330	629
40	17 1/2	23 1/2	18	18 1/2	17 1/2	20 1/8	445	597	457	470	445	511
50	21 3/8	23 7/8	21 7/8	20 1/8	16 1/4	24 1/2	543	606	556	511	413	622
60*	16 1/4	25 1/4	16 3/4	17 2/5	21	33 7/8	413	641	425	442	533	860



ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:



APPROVED BY:

GH

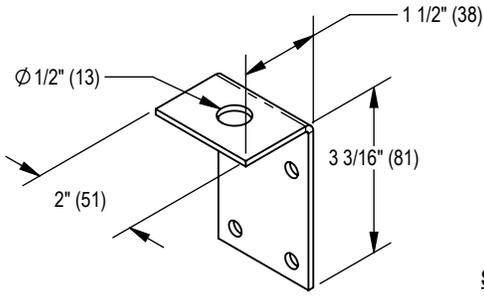
DRAWING NO:

268268

DATE DRAWN:

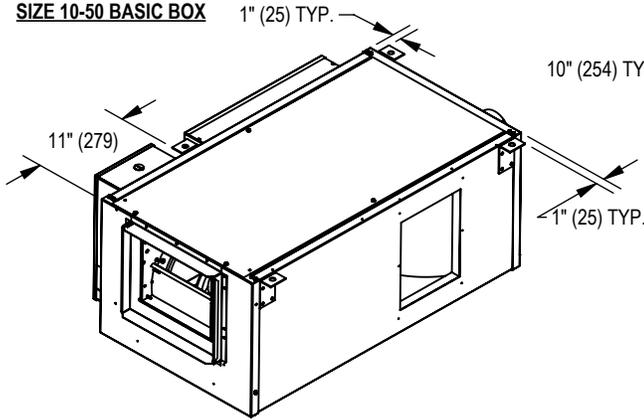
2025-05-01

FILTERS
FAN POWERED TERMINAL
FDC
SIZES 10-60
MERV 8 W/ IAS

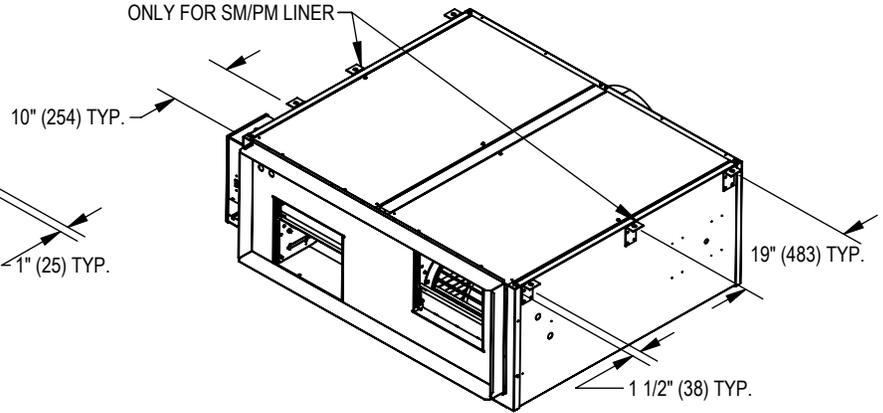


SIZE 60 BASIC BOX

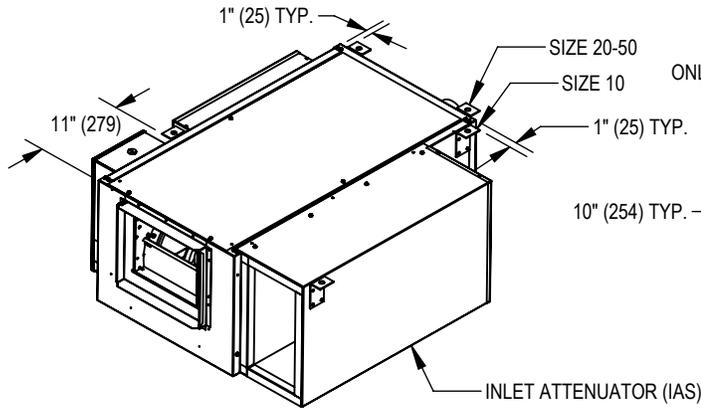
SIZE 10-50 BASIC BOX



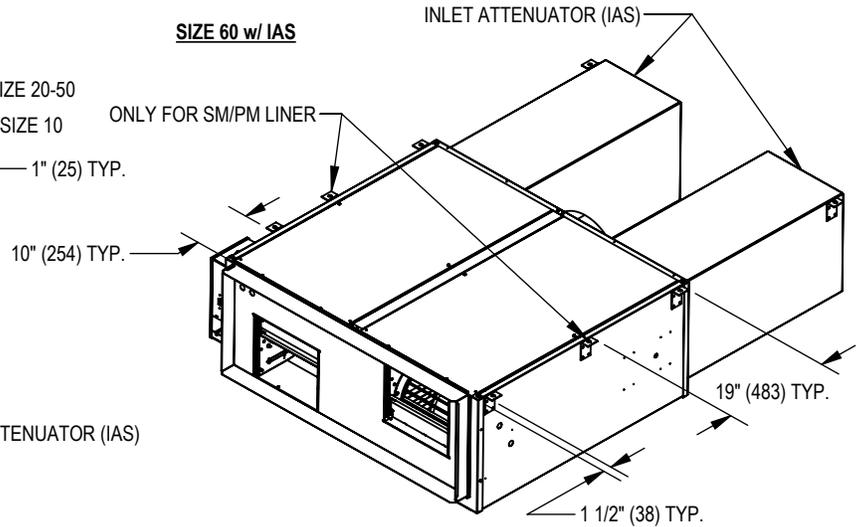
ONLY FOR SM/PM LINER



SIZE 10-50 w/ IAS



SIZE 60 w/ IAS

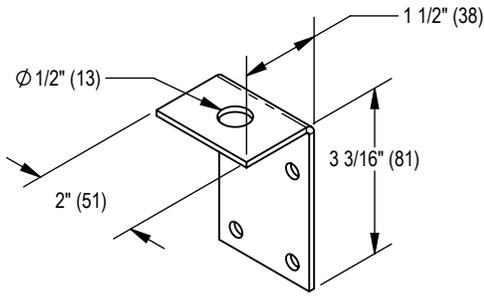


NOTES:

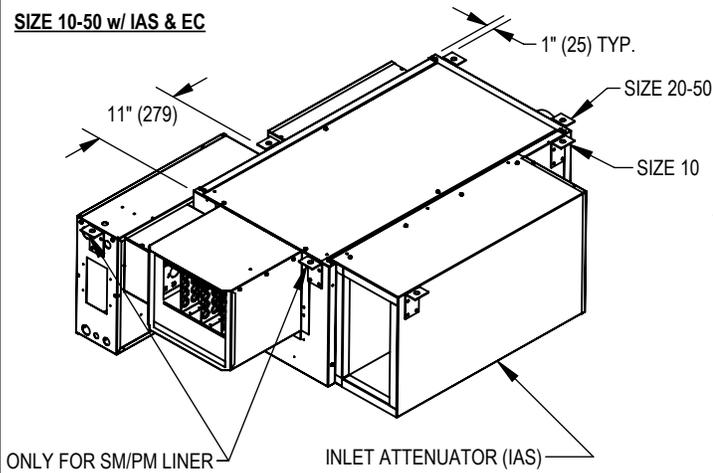
- HANGER BRACKETS ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT (6 FOR SIZE 60 W/ IAS).
- 2 PER DISCHARGE ATTENUATOR OR SILENCER.
- 2 PER ELECTRIC AND WATER COIL FOR SIZE 60 ONLY.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS (BY OTHERS).
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

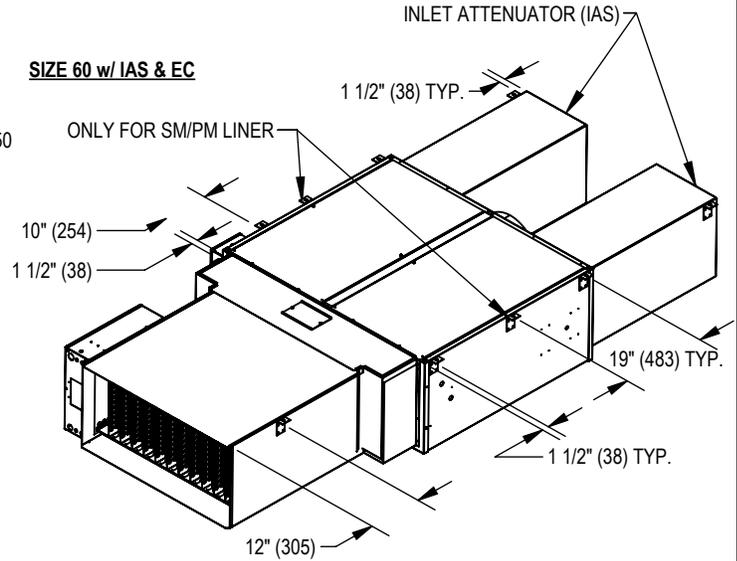
PROJECT:		PRICE [®]
ENGINEER:		
CUSTOMER:		DRAWING NO: 267935
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2024
ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC		



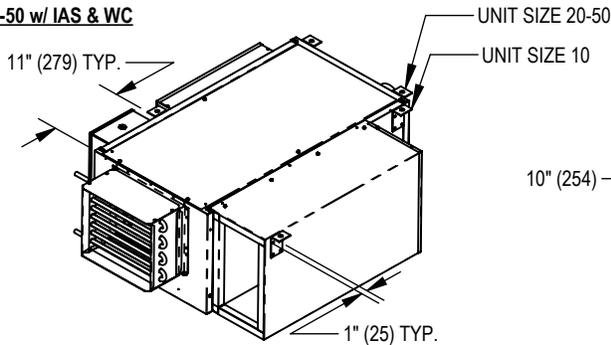
SIZE 10-50 w/ IAS & EC



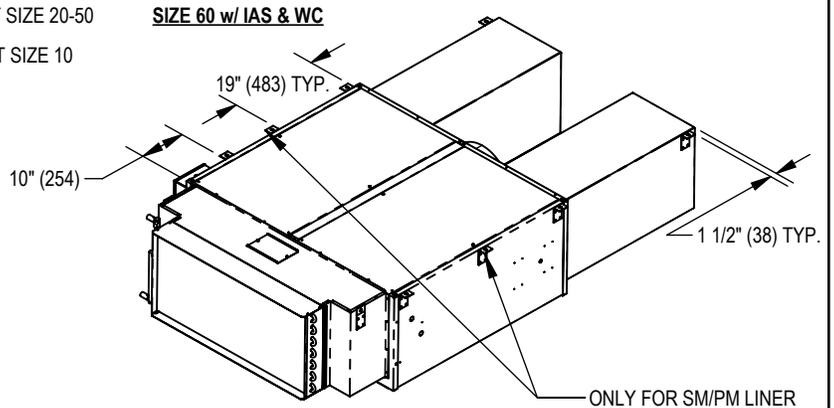
SIZE 60 w/ IAS & EC



SIZE 10-50 w/ IAS & WC



SIZE 60 w/ IAS & WC

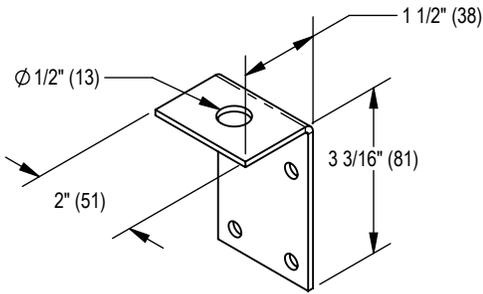


NOTES:

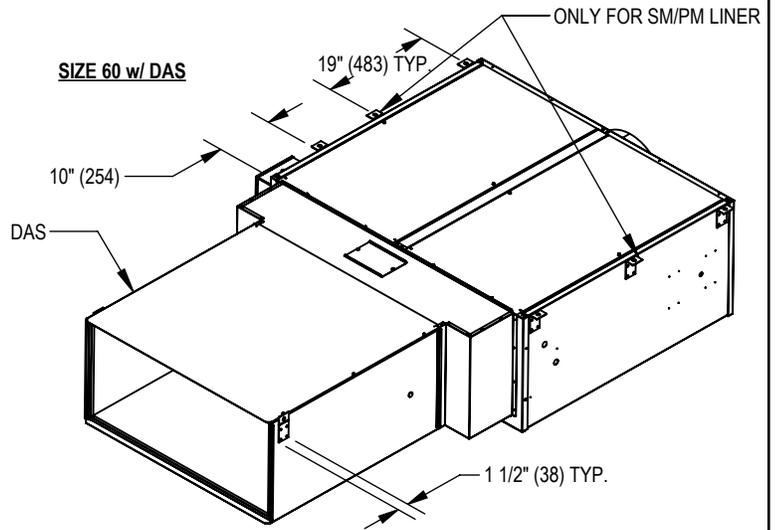
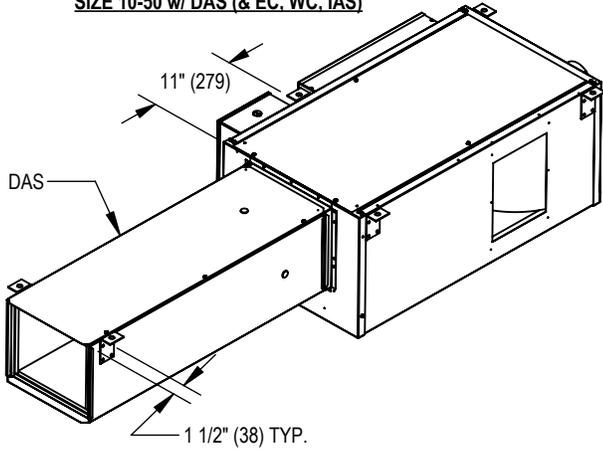
- HANGER BRACKETS ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT (6 FOR SIZE 60 W/ IAS).
- 2 PER DISCHARGE ATTENUATOR OR SILENCER.
- 2 PER ELECTRIC AND WATER COIL FOR SIZE 60 ONLY.
- 2 ADDITIONAL HANGER BRACKETS WHEN ELECTRIC COIL & SM/PM LINER IS SELECTED FOR SIZE 10 & 50 ONLY
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS (BY OTHERS).
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

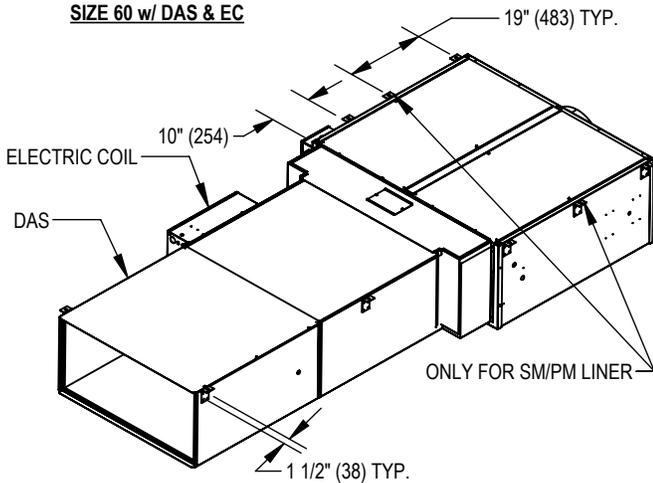
PROJECT:		PRICE	APPROVED BY: G	ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC
ENGINEER:				
CUSTOMER:		DATE DRAWN: 5/1/2024		
SUBMITTAL DATE:	SPEC. SYMBOL:			



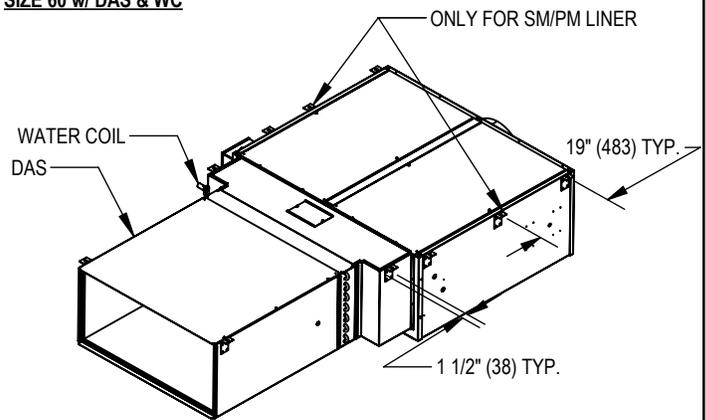
SIZE 10-50 w/ DAS (& EC, WC, IAS)



SIZE 60 w/ DAS & EC



SIZE 60 w/ DAS & WC

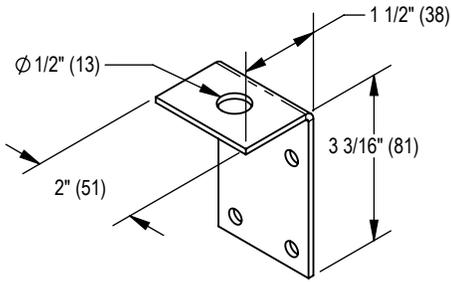


NOTES:

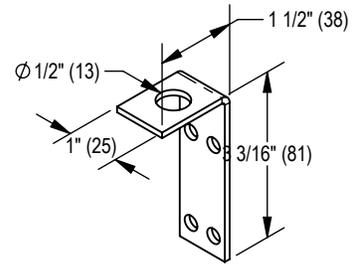
- HANGER BRACKETS ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT (6 FOR SIZE 60 W/ IAS).
- 2 PER DISCHARGE ATTENUATOR OR SILENCER.
- 2 PER ELECTRIC AND WATER COIL FOR SIZE 60 ONLY.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS (BY OTHERS).
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

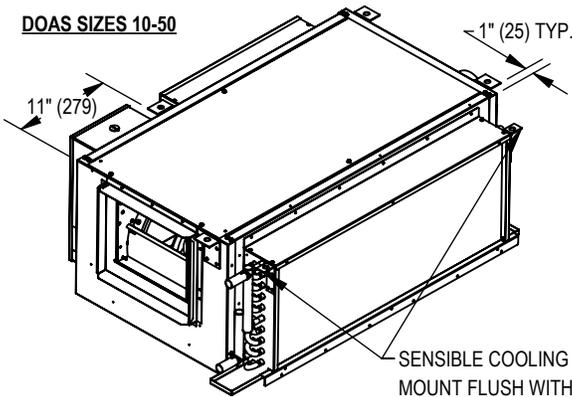
PROJECT:		PRICE [®]	APPROVED BY: G	ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC
ENGINEER:				
CUSTOMER:		DATE DRAWN: 5/1/2024		
SUBMITTAL DATE:	SPEC. SYMBOL:			



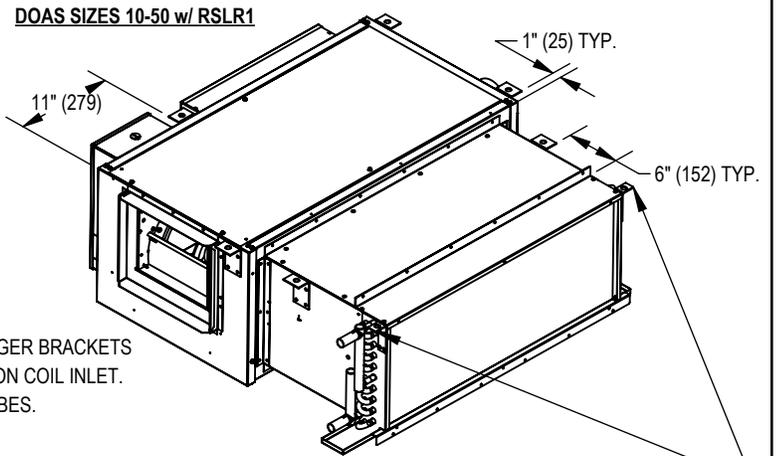
UNIT HANGER BRACKET



SENSIBLE COOLING COIL HANGER BRACKET



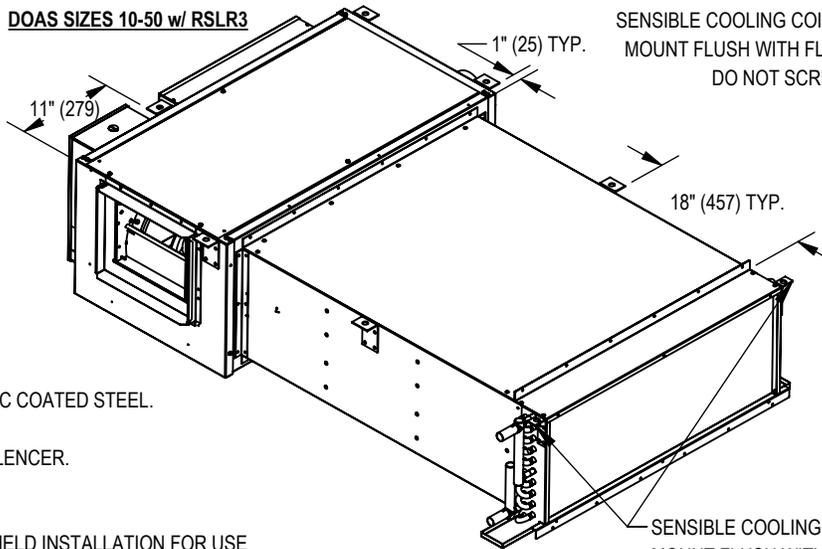
DOAS SIZES 10-50



DOAS SIZES 10-50 w/ RSLR1

SENSIBLE COOLING COIL HANGER BRACKETS MOUNT FLUSH WITH FLANGE ON COIL INLET. DO NOT SCREW THROUGH TUBES.

SENSIBLE COOLING COIL HANGER BRACKETS MOUNT FLUSH WITH FLANGE ON COIL INLET. DO NOT SCREW THROUGH TUBES.



DOAS SIZES 10-50 w/ RSLR3

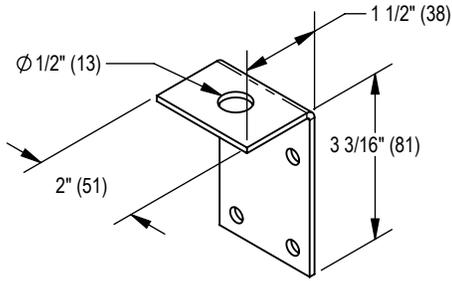
SENSIBLE COOLING COIL HANGER BRACKETS MOUNT FLUSH WITH FLANGE ON COIL INLET. DO NOT SCREW THROUGH TUBES.

NOTES:

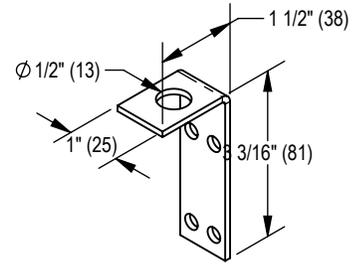
- HANGER BRACKETS ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT.
- 2 PER DISCHARGE ATTENUATOR OR SILENCER.
- 2 PER RETURN SILENCER.
- 2 PER SENSIBLE COOLING COIL.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS (BY OTHERS).
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:		
SPEC. SYMBOL:		APPROVED BY:  DRAWING NO: 267935 DATE DRAWN: 5/1/2024
ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC DOAS		

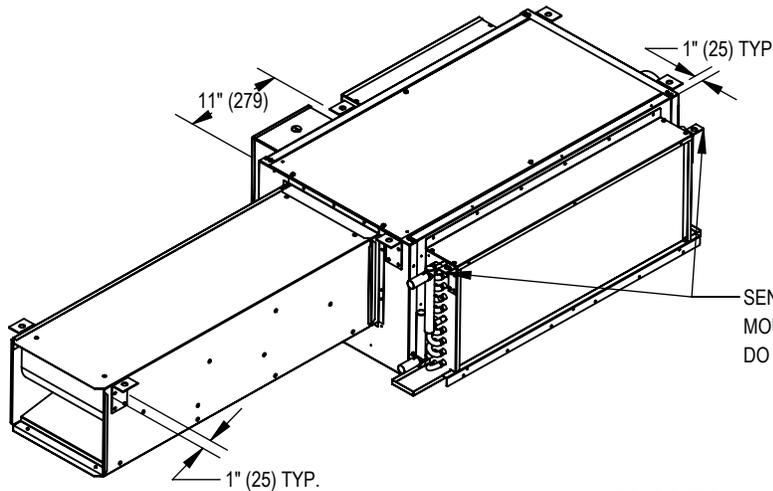


UNIT HANGER BRACKET



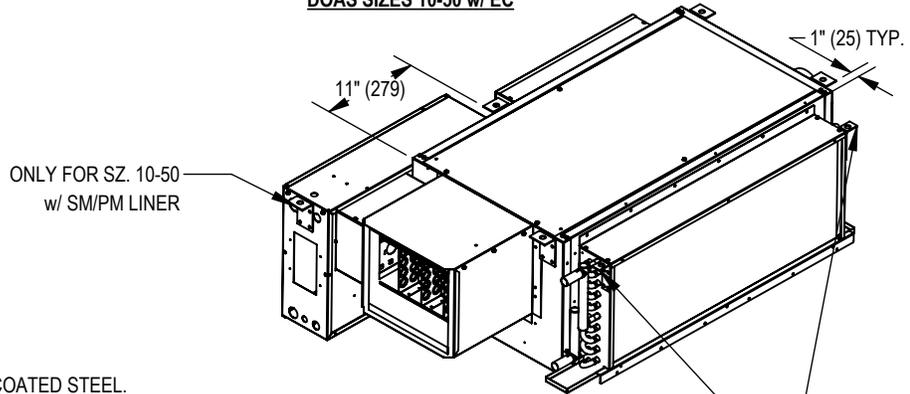
SENSIBLE COOLING COIL HANGER BRACKET

DOAS SIZES 10-50 w/ DAS OR SLR



SENSIBLE COOLING COIL HANGER BRACKETS MOUNT FLUSH WITH FLANGE ON COIL INLET. DO NOT SCREW THROUGH TUBES.

DOAS SIZES 10-50 w/ EC



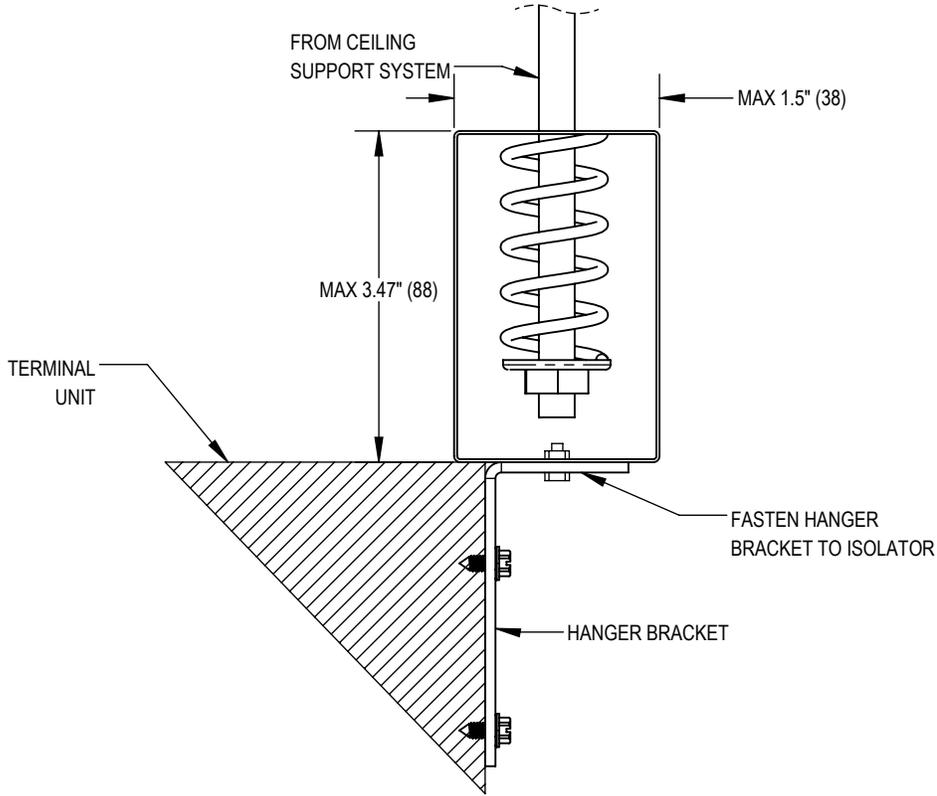
SENSIBLE COOLING COIL HANGER BRACKETS MOUNT FLUSH WITH FLANGE ON COIL INLET. DO NOT SCREW THROUGH TUBES.

NOTES:

- HANGER BRACKETS ARE 12 GAUGE ZINC COATED STEEL.
- 4 PER UNIT.
- 2 PER DISCHARGE ATTENUATOR OR SILENCER.
- 2 PER RETURN SILENCER.
- 2 PER SENSIBLE COOLING COIL.
- BRACKETS ARE SHIPPED LOOSE FOR FIELD INSTALLATION FOR USE WITH THREADED HANGER RODS (BY OTHERS).
- LAYOUT INDICATES SUGGESTED HANGER BRACKET LOCATIONS.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE	APPROVED BY: G	ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC DOAS
ENGINEER:				
CUSTOMER:		DATE DRAWN: 5/1/2024		
SUBMITTAL DATE:	SPEC. SYMBOL:			



PRODUCT	HBS QTY REQUIRED								
	BASE UNIT	DAS/SLR	IAS/IAS90	EC/WC	EC+SM/PM LINER	SM/PM LINER	RSLR1	RSLR3	DOAS SENSIBLE COOLING COIL
FDC10	RED (X4)	RED (X2)	-	-	RED (X2)	-	-	-	-
FDC20-40	YELLOW (X4)	RED (X2)	-	-	-	-	-	-	-
FDC50	YELLOW (X4)	RED (X2)	-	-	YELLOW (X2)	-	-	-	-
FDC60	YELLOW (X4)	RED (X2)	RED (X2)	YELLOW (X2)	-	YELLOW (X2)	-	-	-
FDCDOAS10	RED (X4)	RED (X2)	-	-	RED (X1)	-	RED (X2)	YELLOW (X2)	RED (X2)
FDCDOAS20-40	YELLOW (X4)	RED (X2)	-	-	-	-	RED (X2)	YELLOW (X2)	RED (X2)
FDCDOAS50	YELLOW (X4)	RED (X2)	-	-	YELLOW (X1)	-	RED (X2)	YELLOW (X2)	RED (X2) SEE NOTE 1

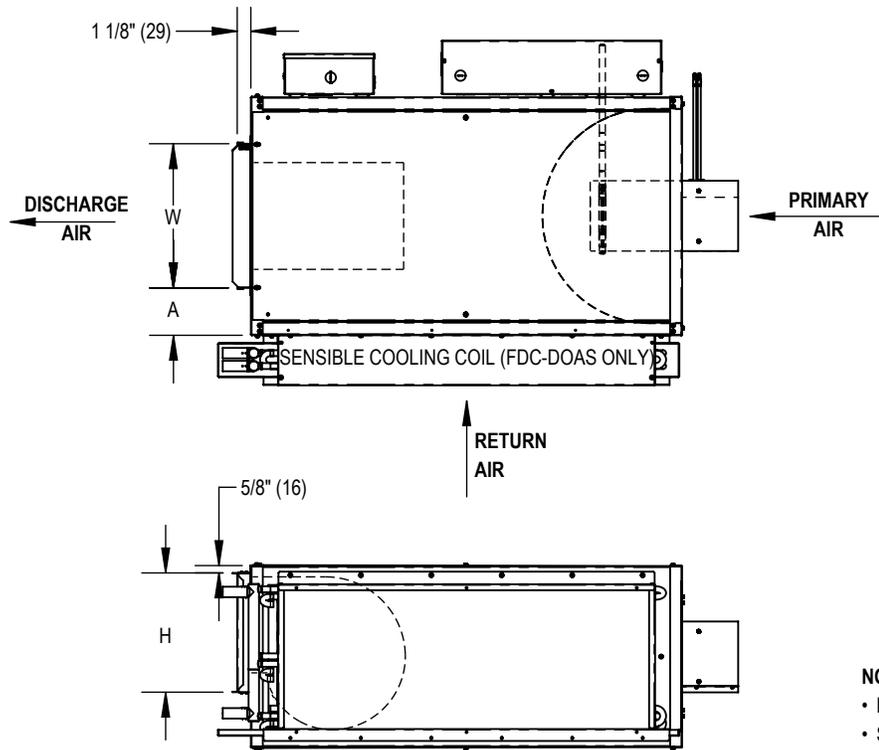
NOTES:

- HBS ARE SHIPPED LOOSE FOR FIELD INSTALLATION BY OTHERS, UNLESS OTHERWISE NOTED ON ORDER
- NUMBER OF HBS SHIPPED PER UNIT ACCORDING TO THE REFERENCE CHART ABOVE
- RED SPRING LOAD RANGE: 16 LBS - 35 LBS
- YELLOW SPRING LOAD RANGE: 36 LBS - 65 LBS
- NOTE 1: FOR 6 & 8 ROW SENSIBLE COOLING COIL ON SIZE 50, USE YELLOW (X2)

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:			
CUSTOMER:		DRAWING NO: 267935	ACCESSORIES HANGER BRACKETS [HB] LOCATIONS FOR FDC & FDC DOAS
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2024	

FDC SIZE 10-50



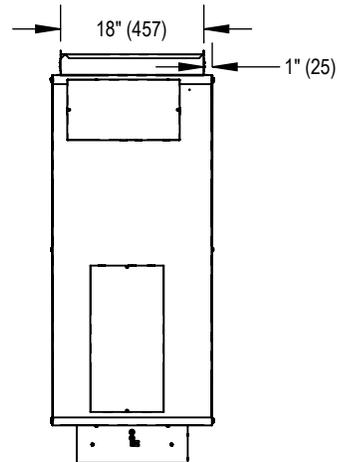
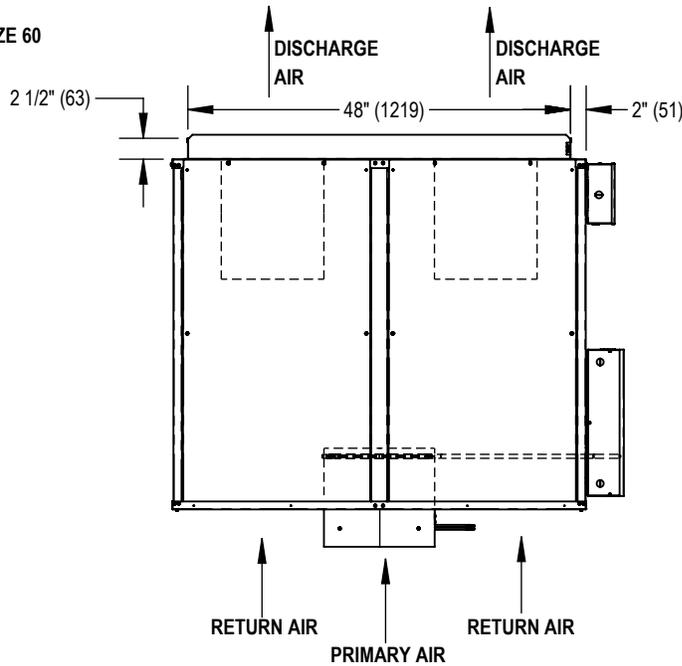
IMPERIAL UNITS (INCHES)			
Unit Size	W	H	A
10	12	10	4
20	16	15	5
30	16	15	5
40	16	15	5
50	20	17 1/2	5

SI UNITS (mm)			
Unit Size	W	H	A
10	305	254	102
20	406	381	127
30	406	381	127
40	406	381	127
50	508	445	127

NOTES:

- MADE FROM 20 GA GALVANIZED STEEL CONSTRUCTION
- SLIP AND DRIVE CONNECTION

FDC SIZE 60

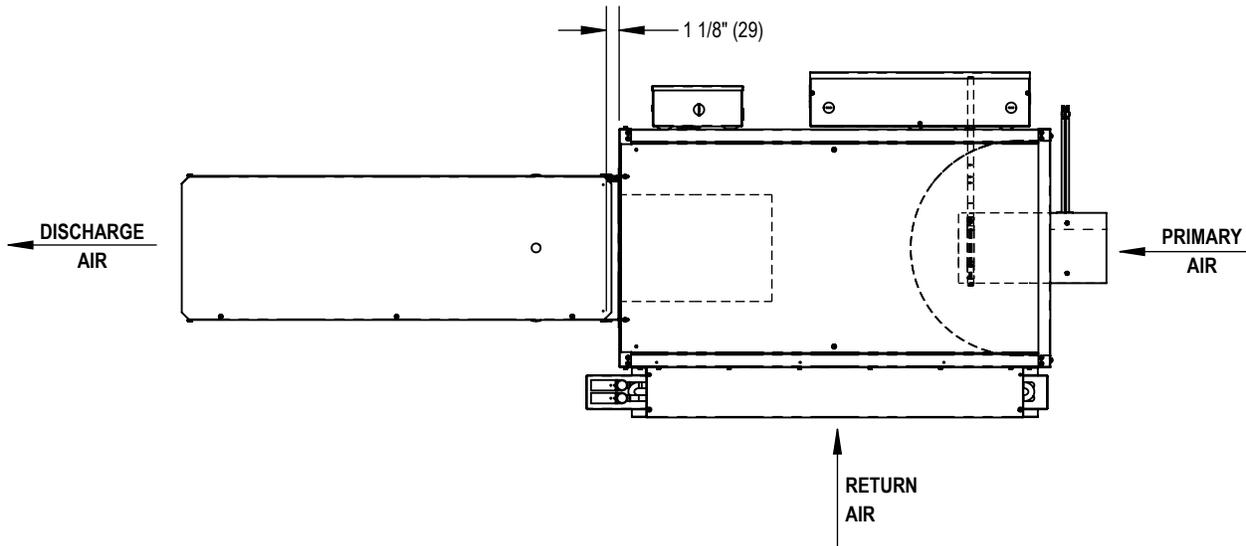
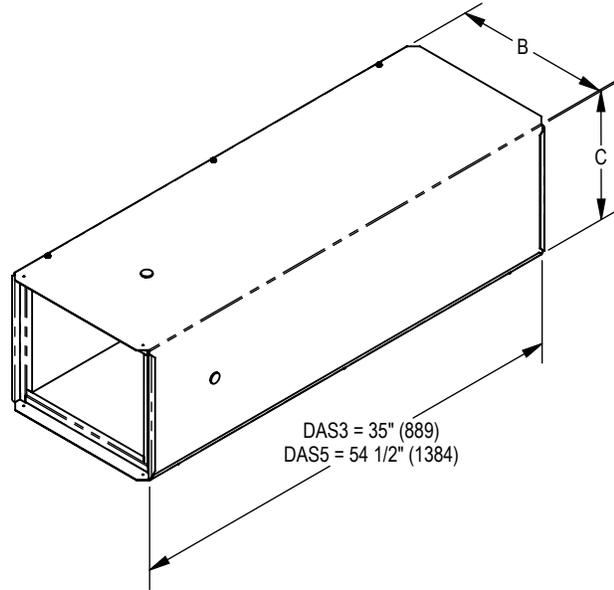


ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]
ENGINEER:		
CUSTOMER:		DISCHARGE COLLAR FAN POWERED TERMINALS
SUBMITTAL DATE:		CONSTANT VOLUME FDC-1-X & FDC DOAS SIZES 10-60
SPEC. SYMBOL:		

UNIT SIZE	IMPERIAL UNITS (inches)			
	WITHOUT COIL OR WITH STANDARD COIL		WITH HIGH CAPACITY COIL	
	B	C	B	C
10	12	10	14	12 1/2
20	16	15	20	17 1/2
30	16	15	20	17 1/2
40	16	15	20	17 1/2
50	20	17 1/2	28	17 1/2

UNIT SIZE	SI UNITS (mm)			
	WITHOUT COIL OR WITH STANDARD COIL		WITH HIGH CAPACITY COIL	
	B	C	B	C
10	305	254	356	318
20	406	381	508	445
30	406	381	508	445
40	406	381	508	445
50	508	445	711	445

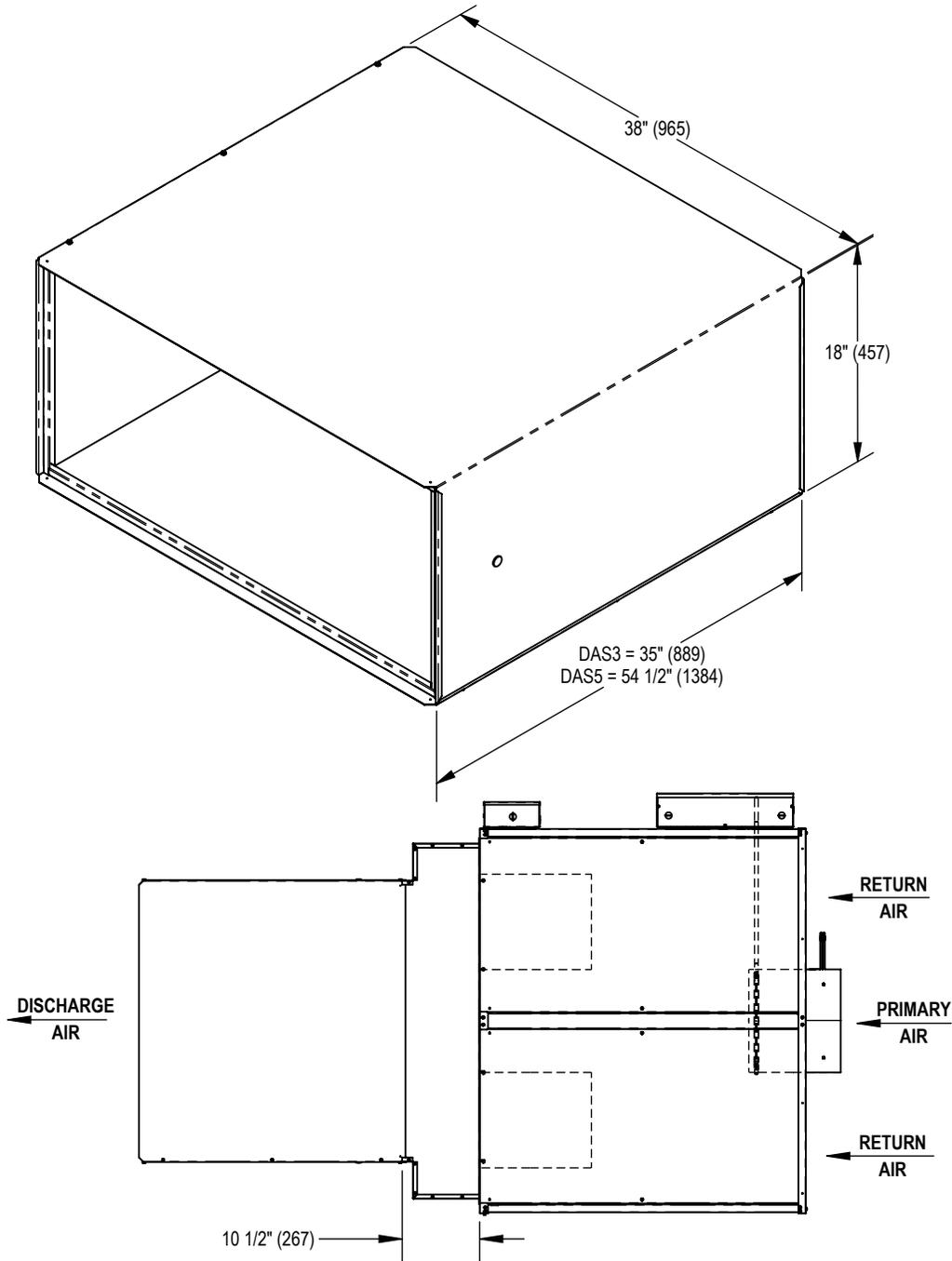


NOTES:

- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- INSULATION TYPE WILL MATCH THE UNIT INSULATION TYPE.
- DISCHARGE ATTENUATORS SHIPPED LOOSE WITH SLIP AND DRIVE CLEATS WHERE REQUIRED.
- SLIP AND DRIVE CONNECTION (DISCHARGE COLLAR IS PROVIDED).

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		DRAWING NO: 268659
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025
ATTENUATOR FAN POWERED TERMINALS DISCHARGE FDC SIZES 10-50		



NOTES:

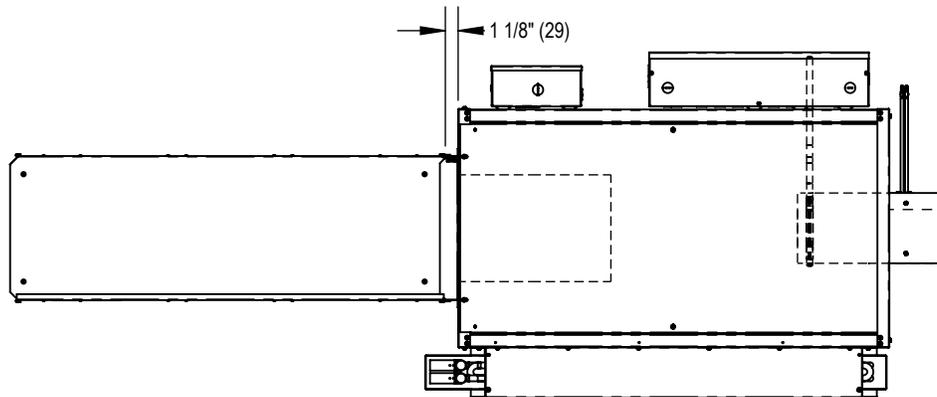
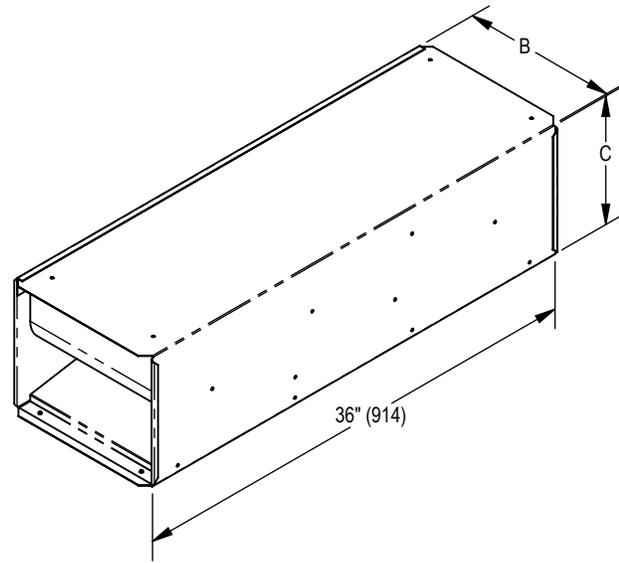
- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- INSULATION TYPE WILL MATCH THE UNIT INSULATION TYPE.
- DISCHARGE ATTENUATORS SHIPPED LOOSE WITH SLIP AND DRIVE CLEATS WHERE REQUIRED.
- SLIP AND DRIVE CONNECTION (DISCHARGE COLLAR IS PROVIDED).

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:		APPROVED BY: G	ATTENUATOR FAN POWERED TERMINALS DISCHARGE FDC SIZE 60
CUSTOMER:		DRAWING NO: 268659	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025	

UNIT SIZE	IMPERIAL UNITS (inches)	
	B	C
20	16	15
30	16	15
40	16	15
50	20	17 1/2

UNIT SIZE	SI UNITS (mm)	
	B	C
20	406	381
30	406	381
40	406	381
50	508	445



NOTES:

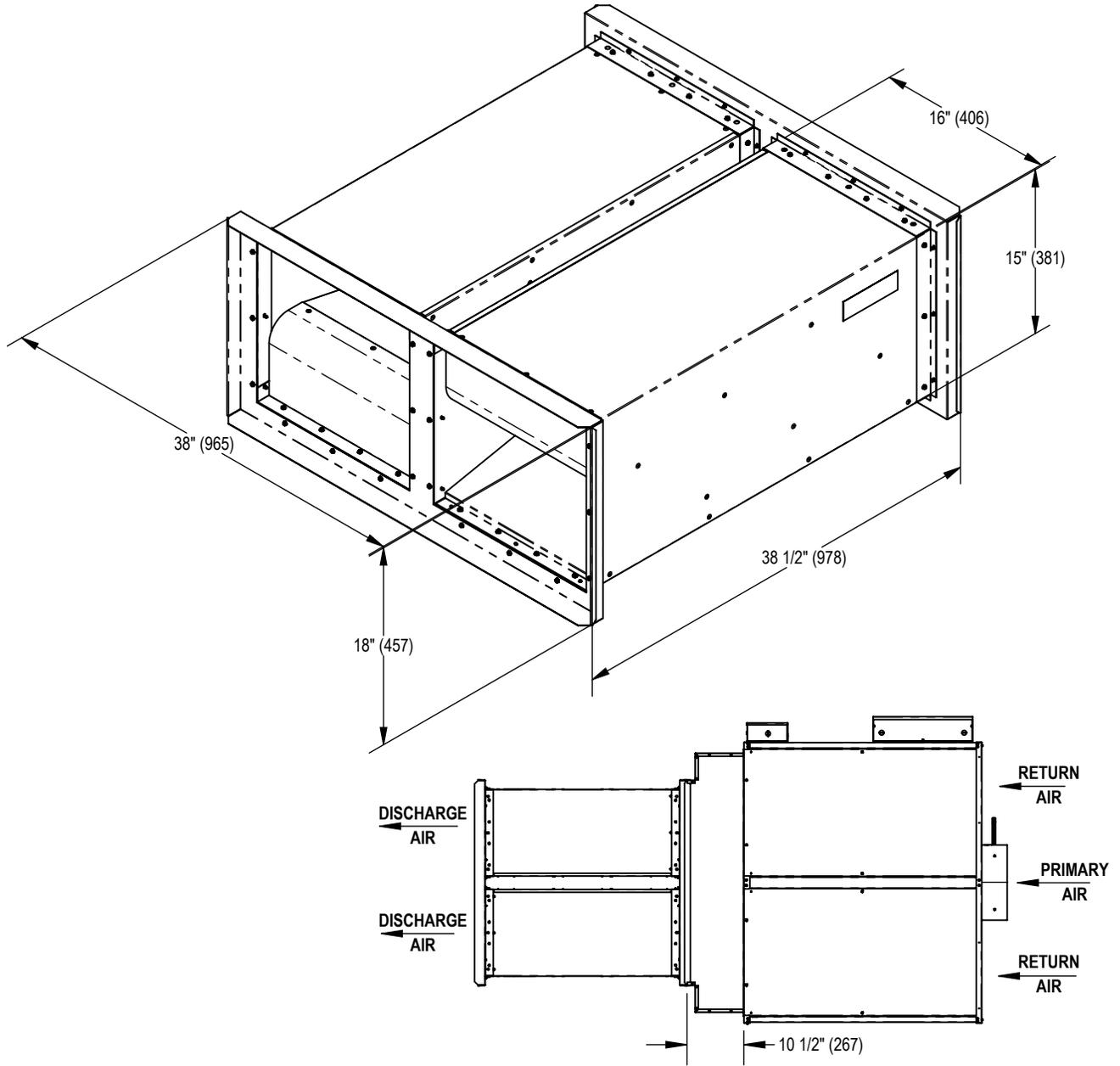
- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- SILENCER WITH PERFORATED LINER OVER ACOUSTIC FIBERGLASS MEDIA.
- DISCHARGE SILENCERS SHIPPED LOOSE WITH SLIP AND DRIVE CLEATS WHERE REQUIRED.
- SLIP AND DRIVE CONNECTION (DISCHARGE COLLAR IS PROVIDED).

OPTIONAL LINERS:

- FC - FIBERGLASS CLOTH
- PL - POLYMER LINER

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		DRAWING NO: 268660
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025
		SILENCER FAN POWERED TERMINALS DISCHARGE SILENCER FDC & FDC DOAS SIZES 20-50



NOTES:

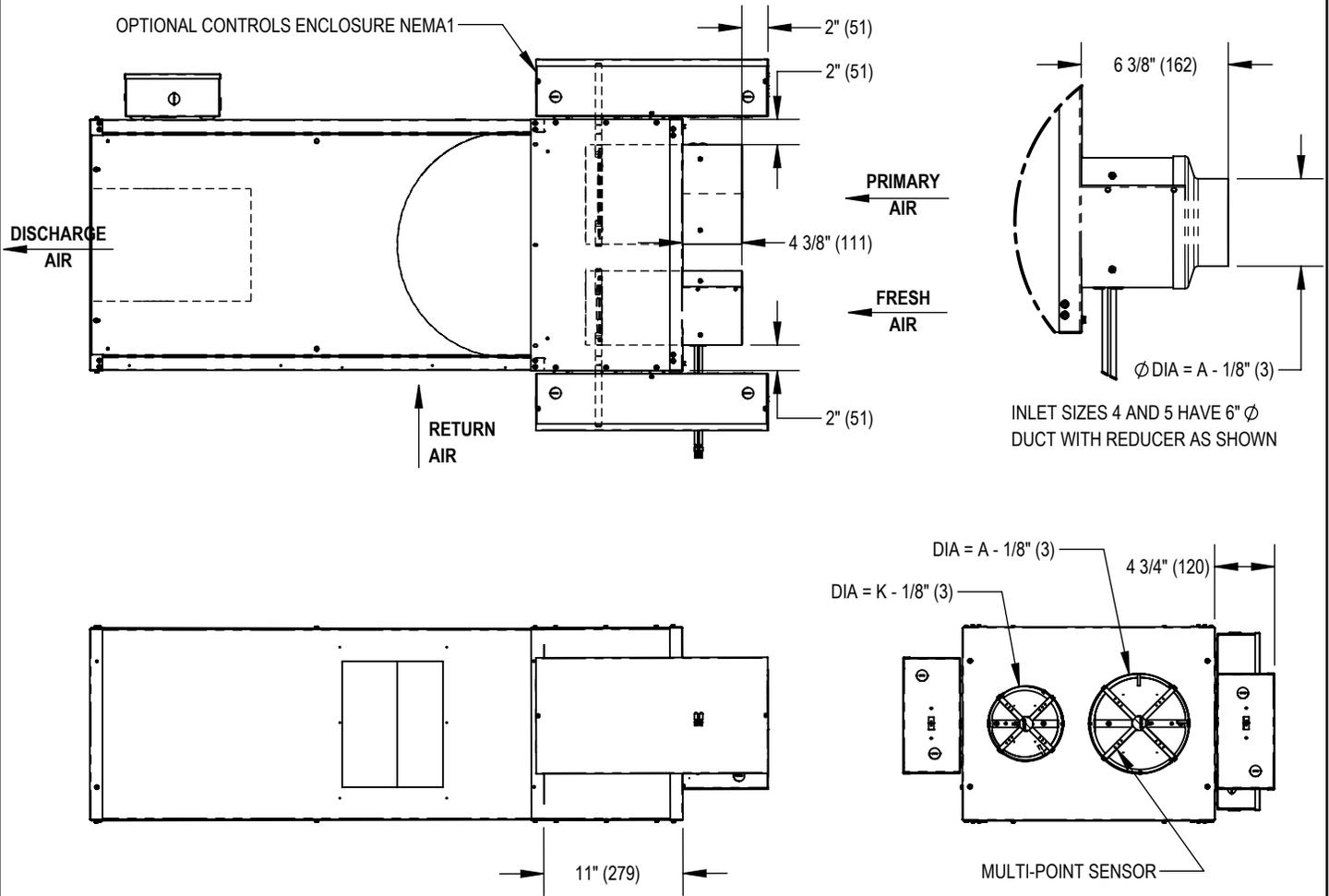
- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- SILENCER WITH PERFORATED LINER OVER ACOUSTIC FIBERGLASS MEDIA.
- DISCHARGE SILENCERS SHIPPED LOOSE WITH SLIP AND DRIVE CLEATS WHERE REQUIRED.
- SLIP AND DRIVE CONNECTION (DISCHARGE COLLAR IS PROVIDED).

OPTIONAL LINERS:

- FC - FIBERGLASS CLOTH
- PL - POLYMER LINER

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]	
ENGINEER:		APPROVED BY: G	SILENCER FAN POWERED TERMINALS DISCHARGE SILENCER FDC SIZE 60
CUSTOMER:		DRAWING NO: 268660	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 5/1/2025	



IMPERIAL UNITS (INCHES)		
Unit Size	Inlet Sizes A	FAI Sizes K
10	6, 8	4, 5, 6
20	6, 8, 10	4, 5, 6
30	8, 10, 12	6, 8
40	10, 12, 14	6, 8
50	12, 14	6, 8

SI UNITS (mm)		
Unit Size	Inlet Sizes A	FAI Sizes K
10	152, 203	102, 127, 152
20	152, 203, 254	102, 127, 152
30	203, 254, 305	152, 203
40	254, 305, 356	152, 203
50	305, 356	152, 203

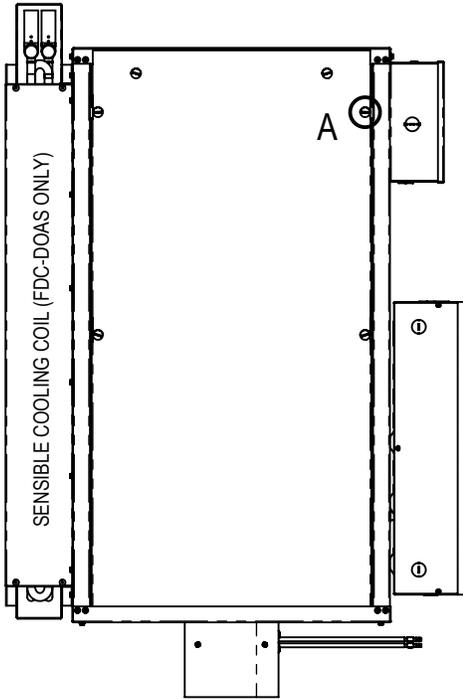
NOTES:

- FRESH AIR INLET LINER MATCHES THE UNIT LINER.
- OVERALL LENGTH OF UNIT IS INCREASED BY 11" (279) WITH THE FRESH AIR INLET OPTION.

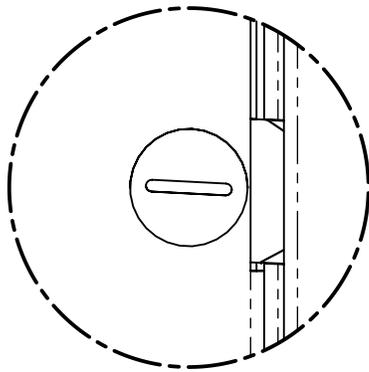
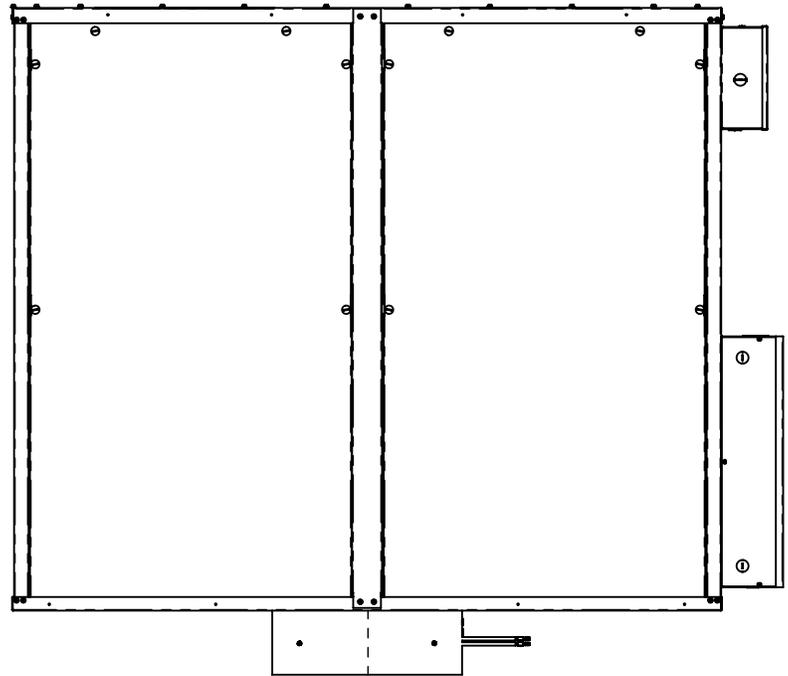
ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		APPROVED BY: G
SUBMITTAL DATE:		DRAWING NO: 269644
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
FDC FAN POWERED TERMINALS CONSTANT VOLUME FRESH AIR INLET		

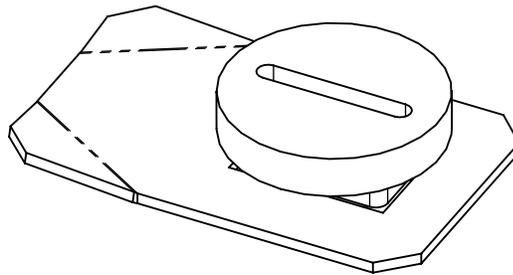
SIZES 10-50



SIZE 60



DETAIL A



NOTES:

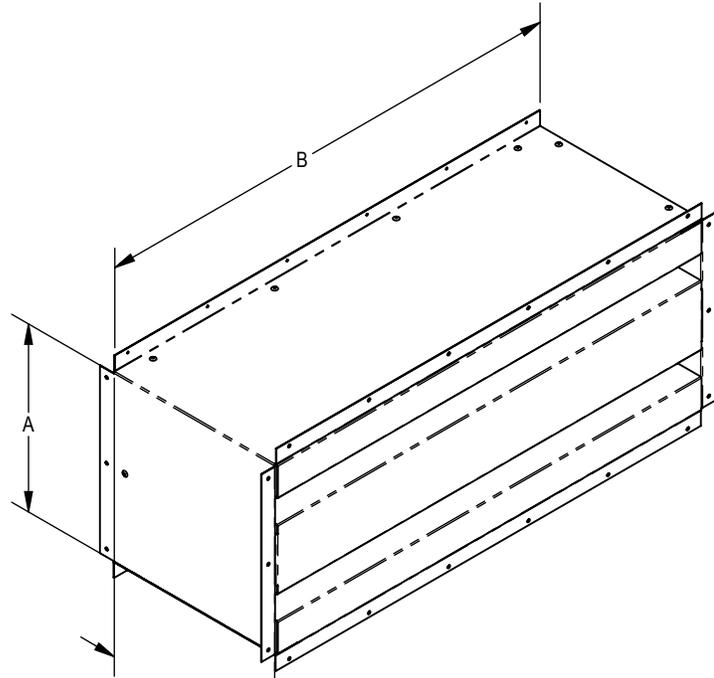
- PLASTIC INJECTION MOLDED BUTTON, WITH GALVANIZED STEEL TABS.
- 6 LATCHES PER ACCESS PANEL.
- SLOT INCLUDED IN CAM LATCH FOR EASY ACCESSIBILITY WITH A SCREWDRIVER.

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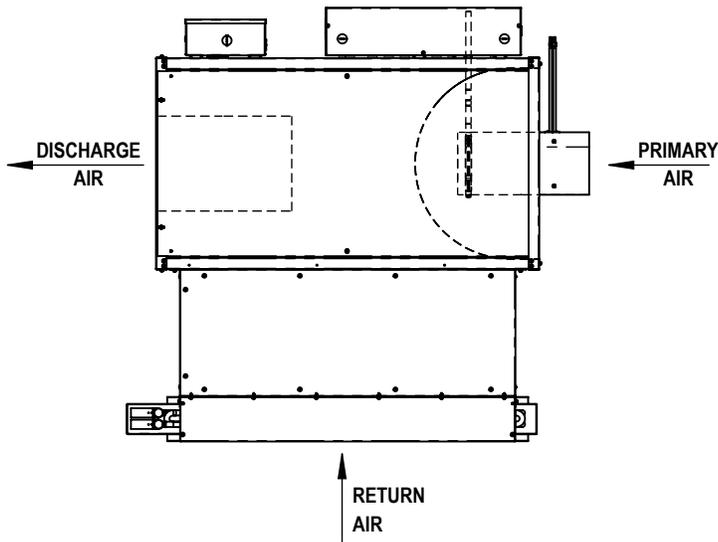
PROJECT:		price [®]	
ENGINEER:		APPROVED BY: G	CAM LATCHES FAN POWERED TERMINAL FDC & FDC DOAS SIZES 10-60
CUSTOMER:		DRAWING NO: 269078	
SUBMITTAL DATE:	SPEC. SYMBOL:	DATE DRAWN: 2025-05-01	

UNIT SIZE	IMPERIAL UNITS (inches)	
	B	C
10	31 5/8	12 1/2
20	36 5/8	15
30	36 5/8	15
40	36 5/8	15
50	39 5/8	17 1/2

UNIT SIZE	SI UNITS (mm)	
	B	C
10	803	318
20	930	381
30	930	381
40	930	381
50	1006	445



RSLR1 = 12" (305)
RLSR3 = 36" (914)



NOTES:

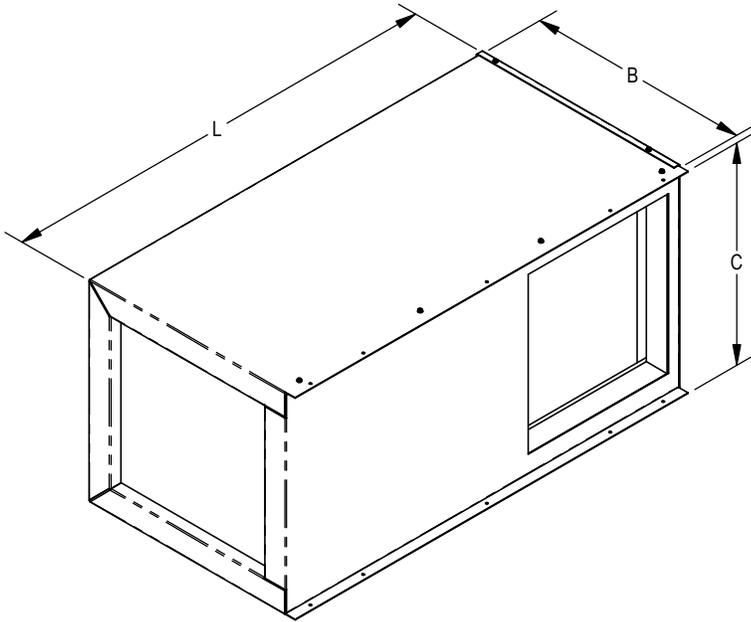
- 20 GA. GALVANIZED STEEL HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- SILENCER WITH PERFORATED LINER OVER ACOUSTIC FIBERGLASS MEDIA.

OPTIONAL LINERS:

- PL - POLYMER LINER

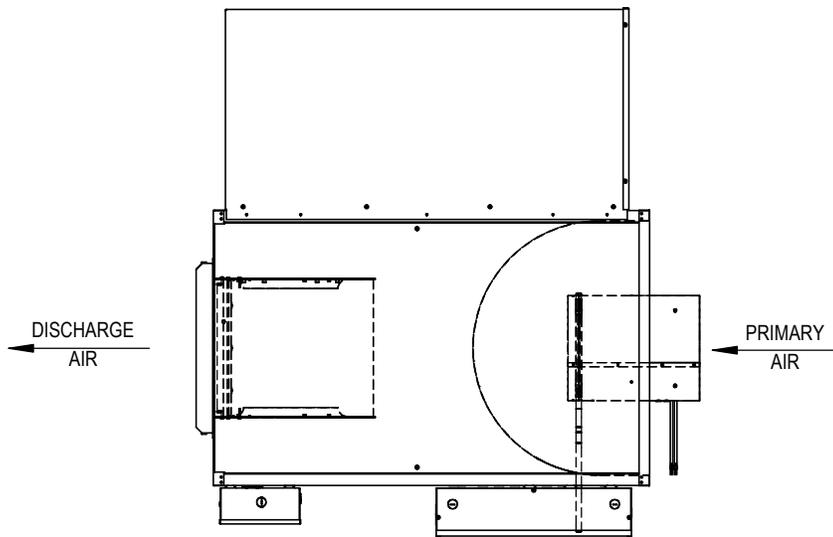
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PROJECT:		price [®]
ENGINEER:		
CUSTOMER:		APPROVED BY: G
SUBMITTAL DATE:		DRAWING NO: 271535
SPEC. SYMBOL:		DATE DRAWN: 5/1/2025
SILENCER FAN POWERED TERMINALS RETURN SILENCER FDC DOAS SIZES 10-50		



UNIT SIZE	IMPERIAL UNITS (inches)		
	L	B	C
10	33	11 1/8	15 1/4
20	38	19	18 1/2
30	38	19	18 1/2
40	38	19	18 1/2
50	41	19	20 1/8

UNIT SIZE	SI UNITS (mm)		
	L	B	C
10	838	283	387
20	965	483	470
30	965	483	470
40	965	483	470
50	1041	483	511

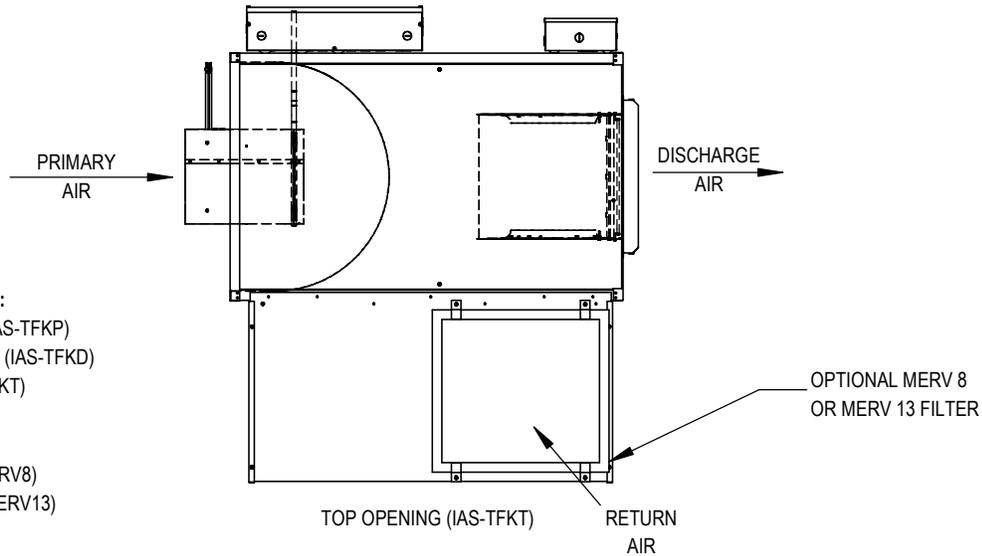
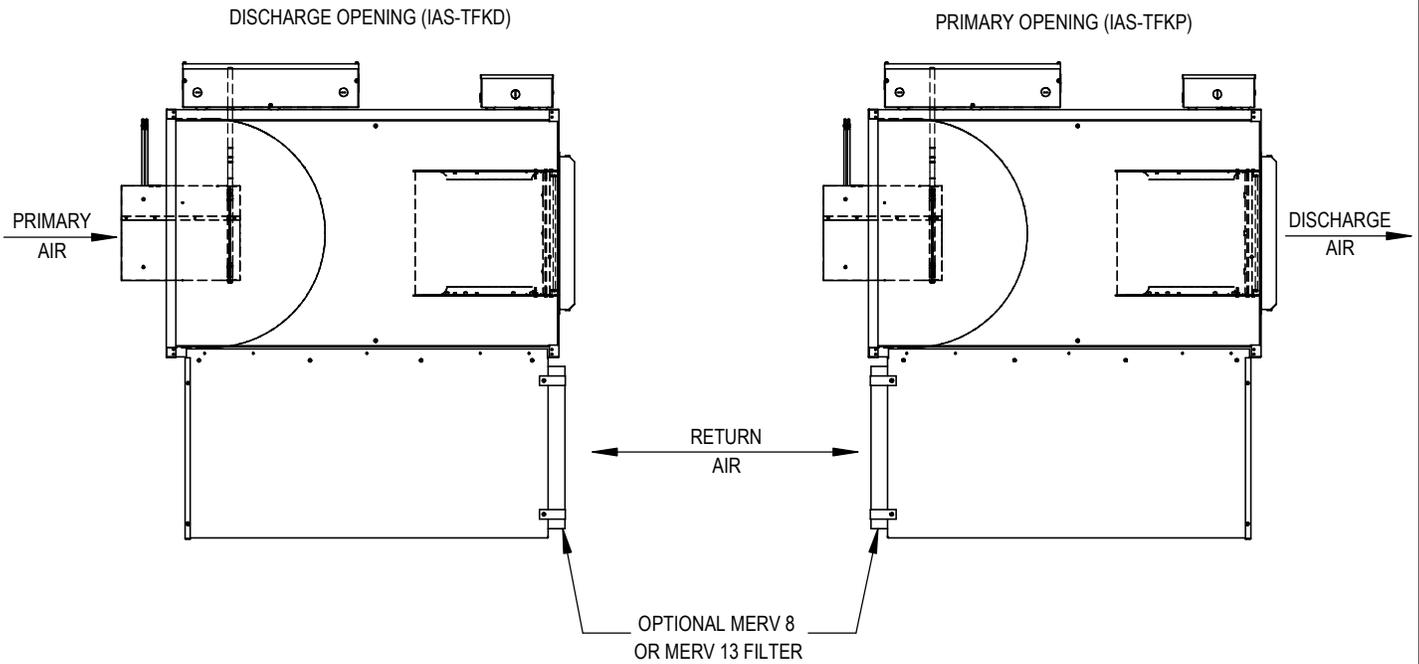


NOTES:

- 18 GA. GALVANIZED STEEL INLET ATTENUATOR HOUSING, MECHANICALLY SEALED LEAK RESISTANT CONSTRUCTION.
- INTERNAL INSULATION (FG2 OR FF2) - 2" (51mm) THICK, MIN 1.5LB/CU.FT DENSITY WHICH MEETS REQUIREMENTS OF NFPA90A AND UL181.
- TFK ATTENUATOR INSULATION TYPE TO MATCH UNIT INSULATION TYPE.

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		 APPROVED BY:  DRAWING NO: 277399 DATE DRAWN: 2025-01-06	TFK ATTENUATOR FAN POWERED TERMINALS INLET FDC SIZES 10-50
ENGINEER:			
CUSTOMER:			
SUBMITTAL DATE:	SPEC. SYMBOL:		



TFK OPENING LOCATION:

- PRIMARY OPENING (IAS-TFKP)
- DISCHARGE OPENING (IAS-TFKD)
- TOP OPENING (IAS-TFKT)

TFK FILTER OPTIONS:

- 2" MERV 8 FILTER (MERV8)
- 2" MERV 13 FILTER (MERV13)

TFK INSULATION OPTIONS:

- FIBERGLASS 2" (51mm) (FG2)
- FIBER FREE FOAM 2" (51mm) (FF2)

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]
ENGINEER:		
CUSTOMER:		APPROVED BY: GH
SUBMITTAL DATE:		DRAWING NO: 277399
SPEC. SYMBOL:		DATE DRAWN: 2025-01-06
TFK ATTENUATOR FAN POWERED TERMINALS INLET FDC SIZES 10-50		