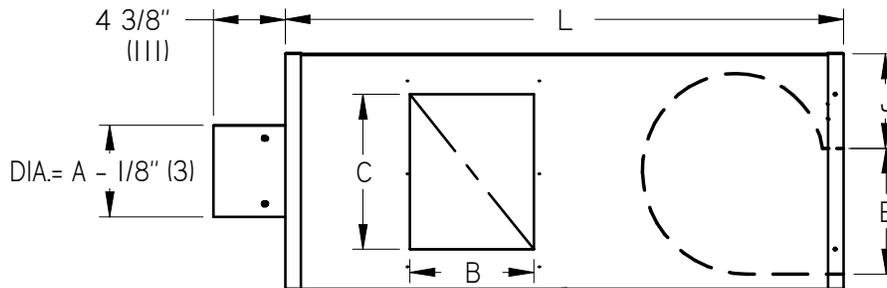


# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Series Flow Fan Powered Terminal Unit (FDC)

For the FDC, fan/motor service clearance will be required at the top and bottom of the unit. Filter service clearance will be required from the side of the unit.



Unit Type	Unit Size	Configuration	Fan/Motor/Filter Bottom Access Clearance	Fan/Motor/Filter Rear Access Panel Clearance (W x H)
FDC	10	Standard	14 1/8"	8" x 10" (W x H)
FDC	20	Standard	17 1/3"	13 1/2" x 15" (W x H)
FDC	30	Standard	17 1/3"	13 1/2" x 15" (W x H)
FDC	40	Standard	17 1/3"	13 1/2" x 15" (W x H)
FDC	50	Standard	19 7/8"	15" x 16" (W x H)
FDC	60	Standard	18 1/2"	52" x 16" (W x H)*

**\*Note:** FDC standard size 60 only has a filter located on both the return and primary side

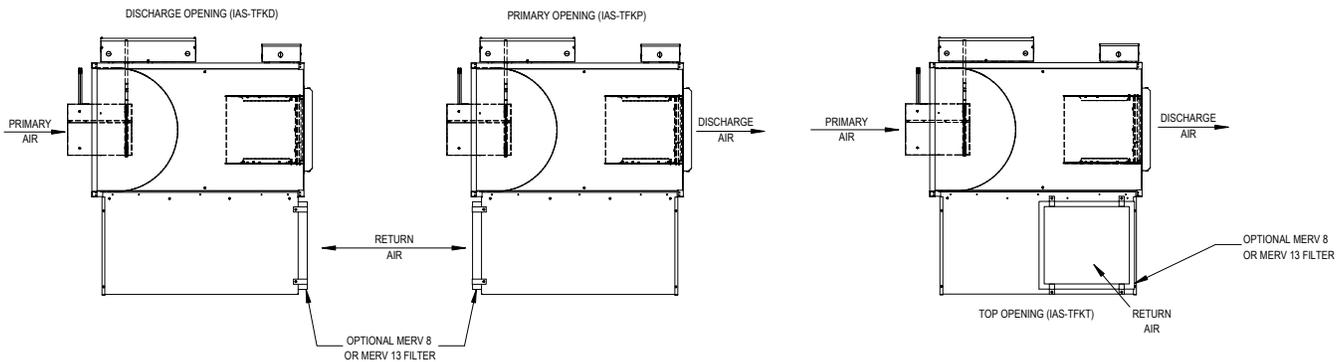
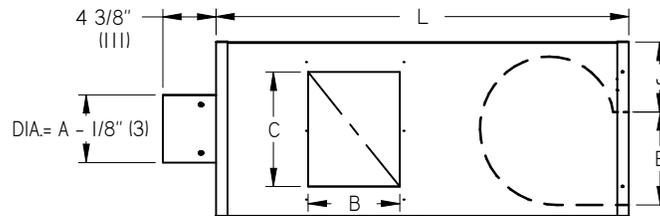
# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Series Flow Fan Powered Terminal Unit (FDC-TFK)

There are three return configurations for FDC-TFK top, discharge, and primary return. The service access clearance will depend on the configurations selected.

For all FDC-TFK configurations fan/motor service clearance will be required at the top and bottom of the unit. For the FDC-TFKT configuration top opening return filter service clearance will be required at the top of the unit. For FDC-TFKD configuration with discharge return filter service clearance will be required from the rear side of the unit. For FDC-TFKP configuration with primary return filter service clearance will be required from the front side of the unit.



Unit Type	Unit Size	Configuration	Fan/Motor Top & Bottom Access Panel Clearance	Filter Discharge (Rear) & Primary (Front) Clearance*	Filter Top Opening Access Clearance*
FDC	10	TFK	14 1/8"	11 1/8" x 15 1/4" (W x H)	11 1/8" x 17 1/4" (W x H)
FDC	20	TFK	17 1/3"	19" x 18 1/2" (W x H)	19" x 20 1/2" (W x H)
FDC	30	TFK	17 1/3"	19" x 18 1/2" (W x H)	19" x 20 1/2" (W x H)
FDC	40	TFK	17 1/3"	19" x 18 1/2" (W x H)	19" x 20 1/2" (W x H)
FDC	50	TFK	19 7/8"	19" x 20 1/8" (W x H)	19" x 22 1/8" (W x H)

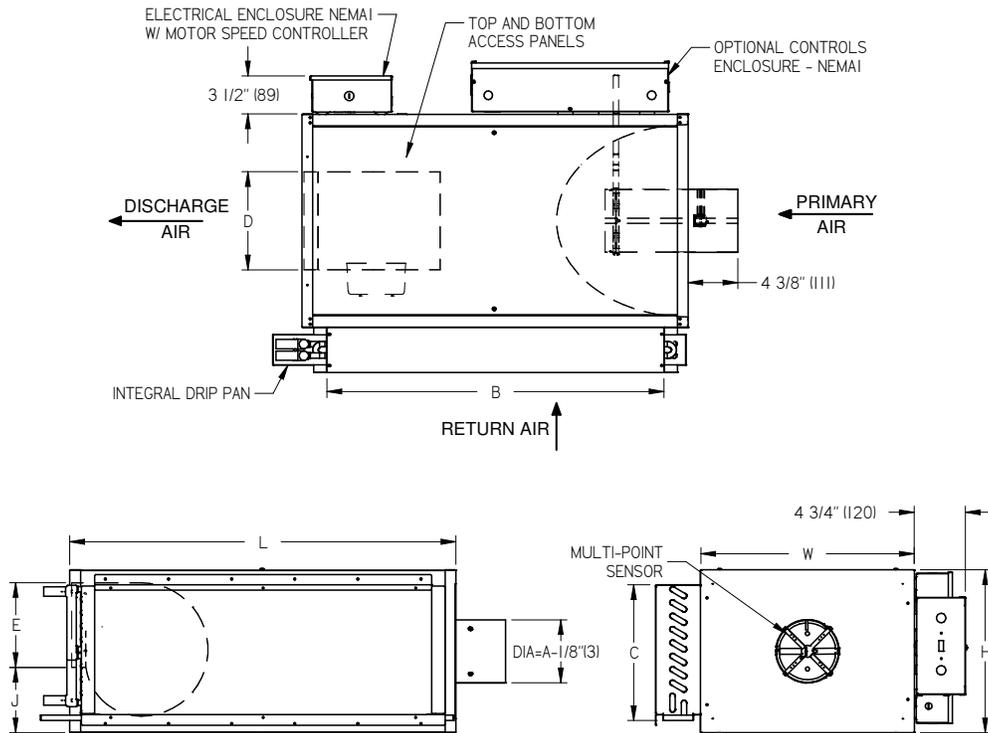
**\*Note:** This clearance applies only to the TFK attenuator attachment side

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Series Flow Fan Powered Terminal Unit With DOAS (FDC-DOAS)

The FDC-DOAS units with side return configurations would require fan/motor service access from the top and bottom of the unit and filter service from the side of the return.



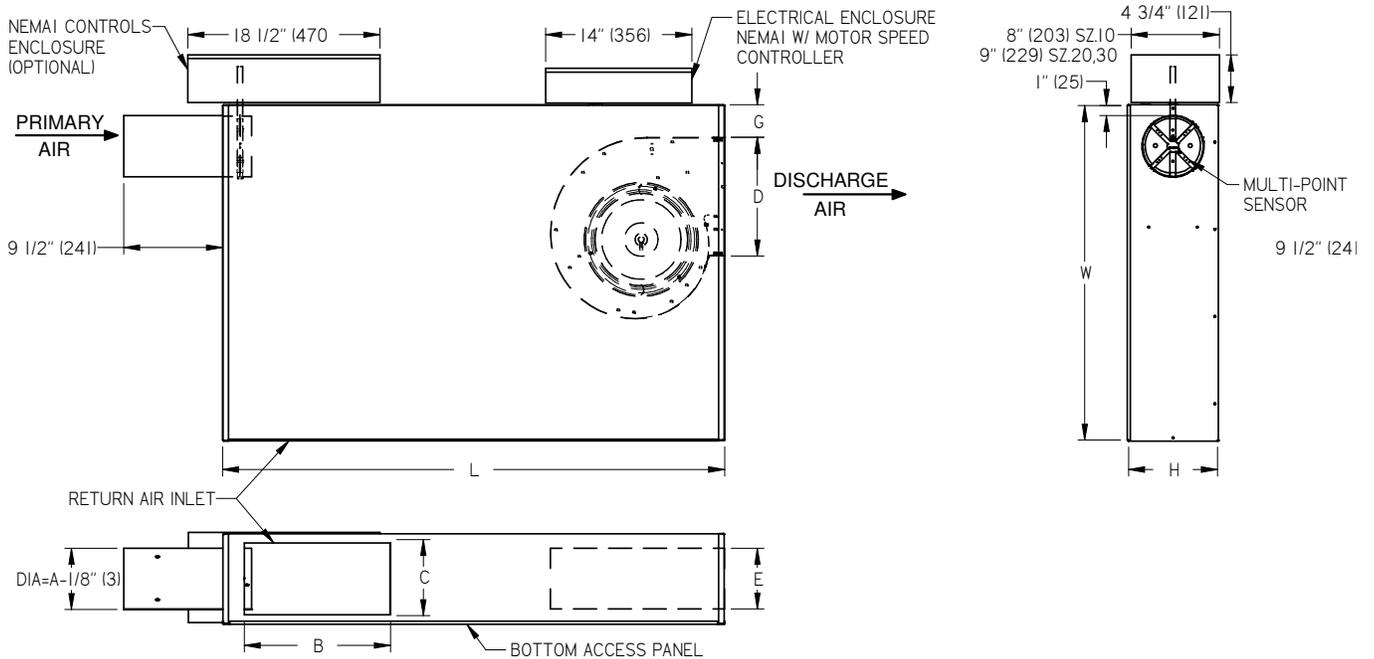
Unit Type	Unit Size	Configuration	Fan/Motor Top & Bottom Access Panel Clearance	Filter Side Access Clearance
FDC	10	DOAS	14 1/8"	31 1/2" x 12 1/2" (W x H)
FDC	20	DOAS	17 1/3"	36 1/2" x 15" (W x H)
FDC	30	DOAS	17 1/3"	36 1/2" x 15" (W x H)
FDC	40	DOAS	17 1/3"	36 1/2" x 15" (W x H)
FDC	50	DOAS	19 7/8"	39 1/2" x 17 1/2" (W x H)

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Low Profile, Series Flow Fan Powered Terminal Unit (FDCLP2)

For FDCLP2 configurations with side return fan/motor service clearance will be required at the bottom of the unit and filter service from the return side.



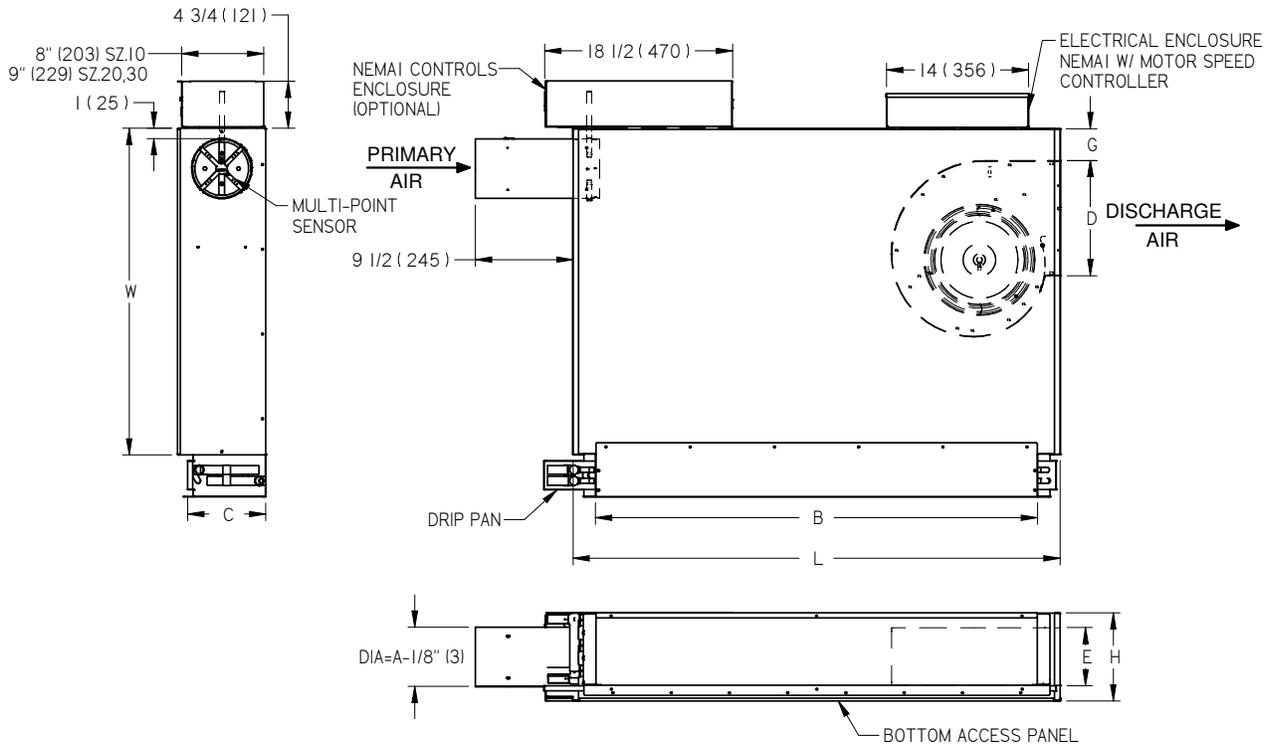
Unit Type	Configuration	Unit Size	Fan/Motor Bottom Access Panel clearance	Filter Side Access clearance
FDCLP2	Standard	10	6"	14" x 6 7/8" (W x H)
FDCLP2	Standard	20	7"	14" x 9 1/2" (W x H)
FDCLP2	Standard	30	7"	14" x 9 1/2" (W x H)
FDCLP2	Standard	50	7"	24" x 9 1/4" (W x H)

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Low Profile, Series Flow Fan Powered Terminal Unit With DOAS (FDCLP2-DOAS)

For FDCLP2-DOAS configurations with side return fan/motor service clearance will be required at the bottom of the unit and filter service from the return side.



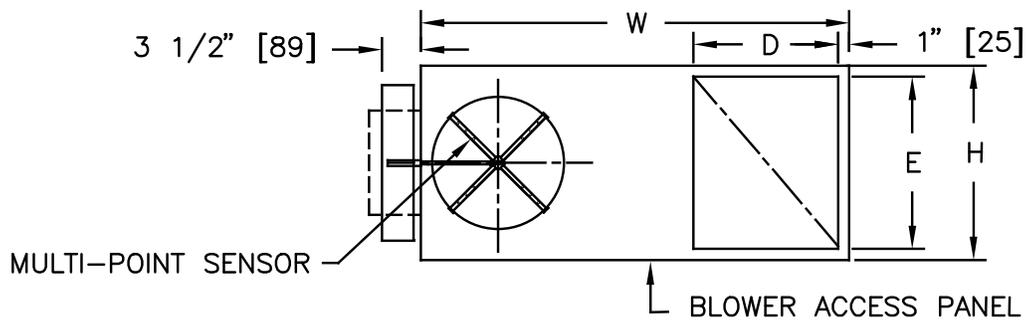
Unit Type	Configuration	Unit Size	Fan/Motor Bottom Access Panel clearance	Filter Side Access clearance
FDCLP2	DOAS	10	6"	43 1/2" x 7 1/2" (W x H)
FDCLP2	DOAS	20	7"	36 1/2" x 10" (W x H)
FDCLP2	DOAS	30	7"	36 1/2" x 10" (W x H)
FDCLP2	DOAS	50	7"	50" x 10" (W x H)

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Parallel Flow Fan Powered Terminal Unit (FDV)

For FDV with primary return fan/motor service clearance will be required at the bottom of the unit. Filter access will be available on the front side of the filter section.



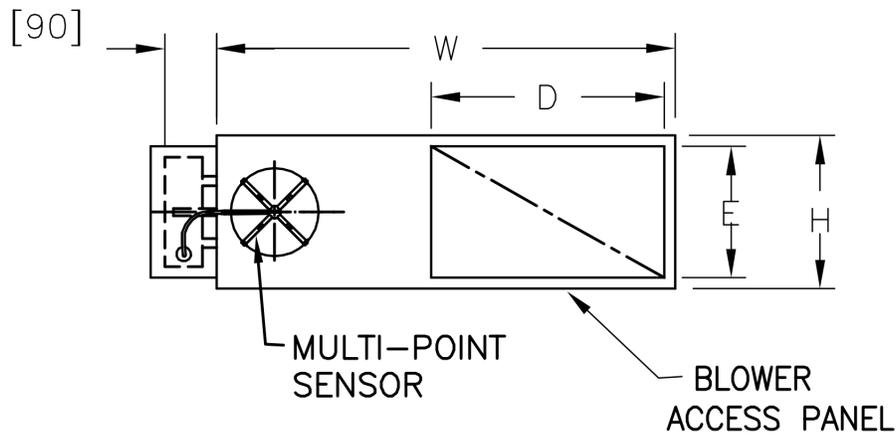
Unit Type	Configuration	Unit Size	Fan/Motor Bottom Access Panel Clearance	Filter Return Side Access Clearance
FDV	Standard	20	15 1/2"	12" x 15 1/2" (W x H)
FDV	Standard	30	15 1/2"	12" x 15 1/2" (W x H)
FDV	Standard	40	15 1/2"	16" x 15 1/2" (W x H)
FDV	Standard	50	18"	21" x 18" (W x H)
FDV	Standard	60	18"	21" x 18" (W x H)

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### Fan Powered Low Profile Variable Volume Terminal Unit (FDVLP)

For FDVLP configurations, fan/motor service clearance will be required at the bottom of the unit and at the return side for the filter.

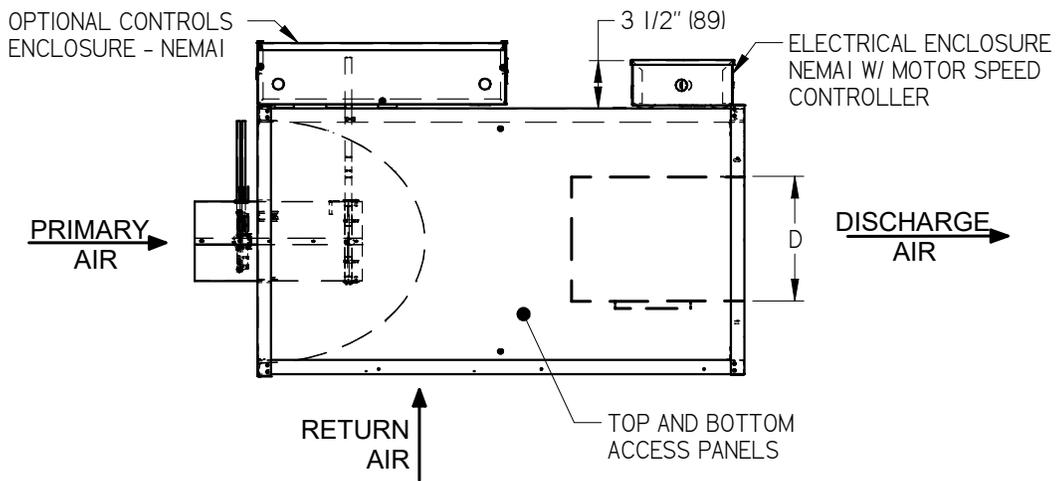


Unit Type	Configuration	Unit Size	Fan/Motor Bottom Access Panel on Fan Side Clearance	Filter Return Side Access Clearance
FDVLP	Standard	20	10 1/2"	16" x 9" (W x H)
FDVLP	Standard	30	10 1/2"	16" x 9" (W x H)
FDVLP	Standard	40	12 1/2"	16" x 11" (W x H)

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### FDC units Electrical Enclosure Dimensions

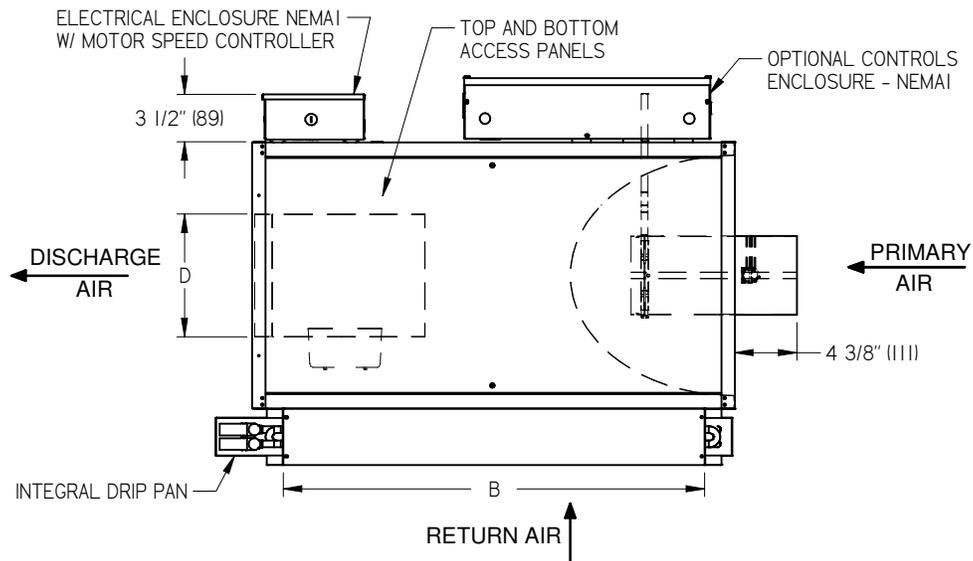


Unit Type	Unit Size	Filter Return Side Access Clearance
FDC	10	15 1/4" x 3 1/2"
FDC	20	18 1/2" x 3 1/2"
FDC	30	18 1/2" x 3 1/2"
FDC	40	18 1/2" x 3 1/2"
FDC	50	20 1/8" x 3 1/2"
FDC	60	20 1/8" x 3 1/2"

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### FDC-DOAS units Electrical Enclosure Dimensions

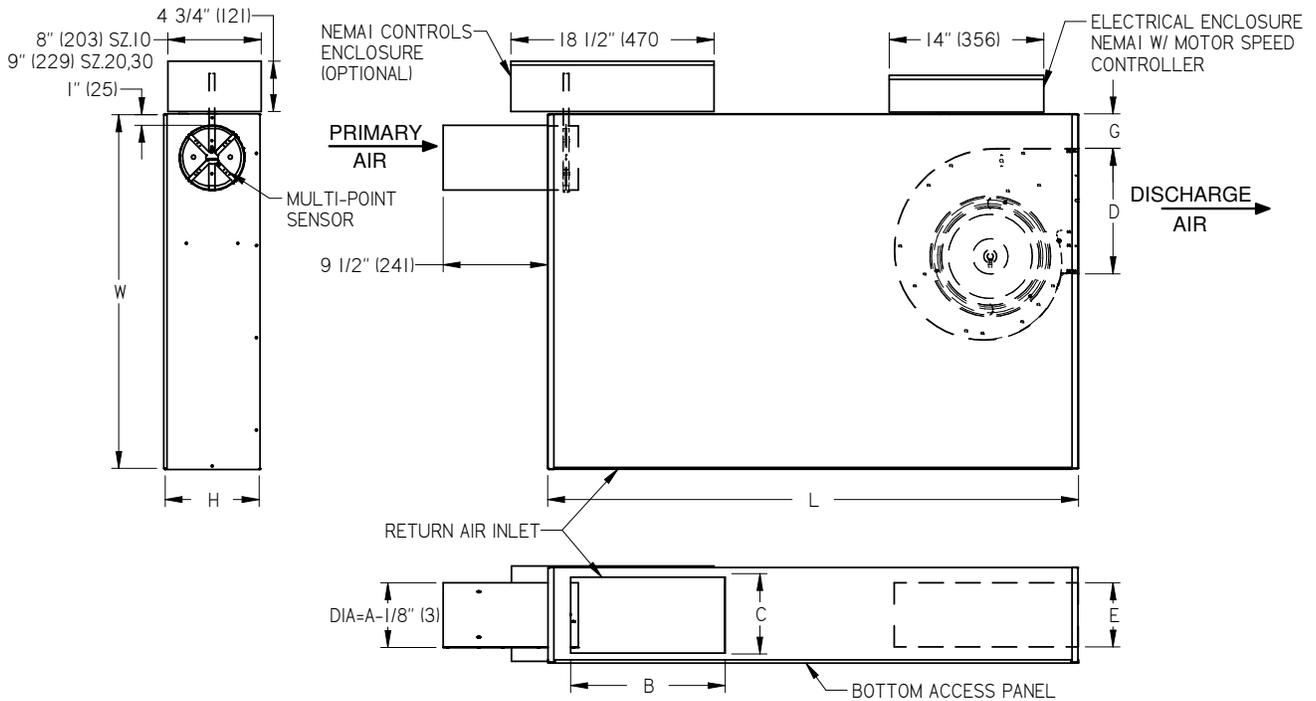


Unit Type	Unit Size	Electrical Enclosure Clearance (W x H)
FDC	10	15 1/4" x 3 1/2"
FDC	20	18 1/2" x 3 1/2"
FDC	30	18 1/2" x 3 1/2"
FDC	40	18 1/2" x 3 1/2"
FDC	50	20 1/8" x 3 1/2"
FDC	60	20 1/8" x 3 1/2"

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### FDCLP2 Electrical Controls Enclosure

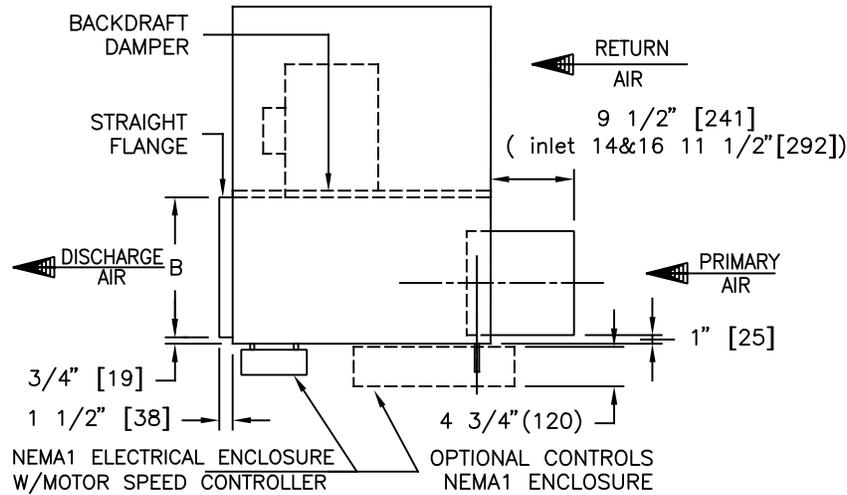


Unit Type	Unit Size	Electrical Enclosure Dimensions (W x H)
FDCLP2	10	14" x 8"
FDCLP2	20	14" x 9"
FDCLP2	30	14" x 9"
FDCLP2	50	14" x 9"

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### FDV Electrical Controls Enclosure

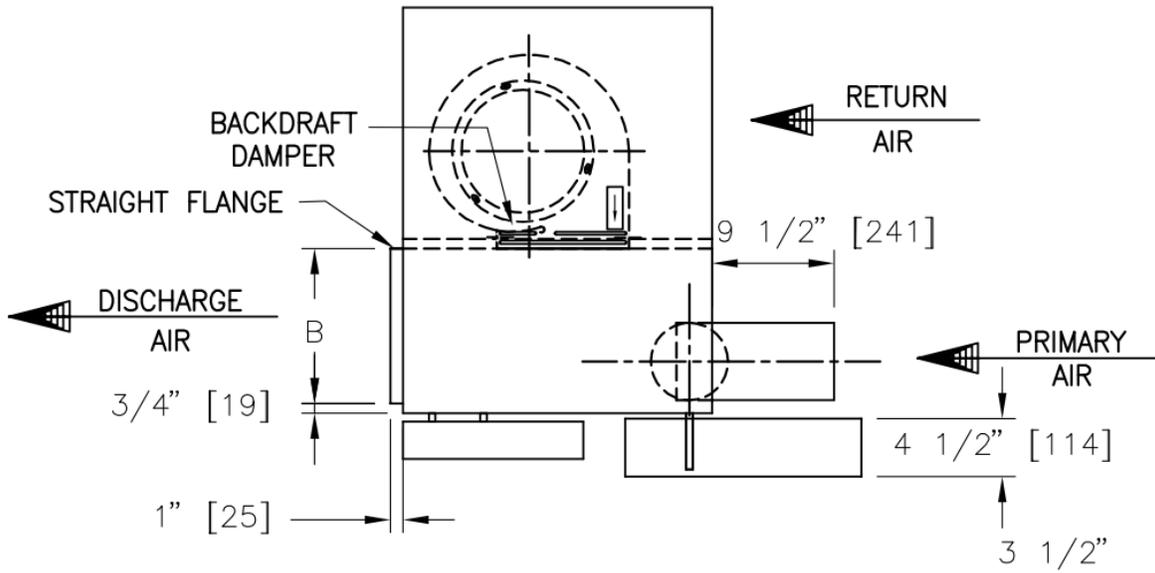


Unit Type	Unit Size	Electrical Enclosure Dimensions (W x H)
FDV	20	25 1/2" x 4 3/4"
FDV	30	25 1/2" x 4 3/4"
FDV	40	29 1/2" x 4 3/4"
FDV	50	35" x 4 3/4"
FDV	60	36 1/4" x 4 3/4"

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### FDVLP Electrical Controls Enclosure



Unit Type	Unit Size	Electrical Enclosure Dimensions (W x H)
FDV	20	24" x 3 1/2"
FDV	30	33" x 3 1/2"
FDV	40	36" x 3 1/2"

**\*Note:** The electrical enclosure dimensions above list the width and height of the electrical enclosure box. The clearance distance will be determined by either NEC or the local code determined in the schedule.

# TERMINAL UNITS

## Fan Powered Service Access Clearance

### NEC Clearance Recommendation

Working Space	Voltage-to-Ground	
	0-150V	151-600V
<b>Condition 1 – Exposed live parts on one side of the working space and no live or grounded parts, including concrete, brick, or tile walls and are on the other side of the working space.</b>	3 ft	3 ft
<b>Condition 2 – Exposed live parts on one side of the working space and grounded parts, including concrete, brick, or tile walls and are on the other side of the working space.</b>	3 ft	3 1/2 ft
<b>Condition 3 – Exposed live parts on both sides of the working space.</b>	3 ft	4 ft

Price does not have specific restrictions on clearances, but we do recommend adherence to the National Electric Code (NEC) and any local codes when determining appropriate minimum electrical clearance for service. The NEC describes the attached clearances.