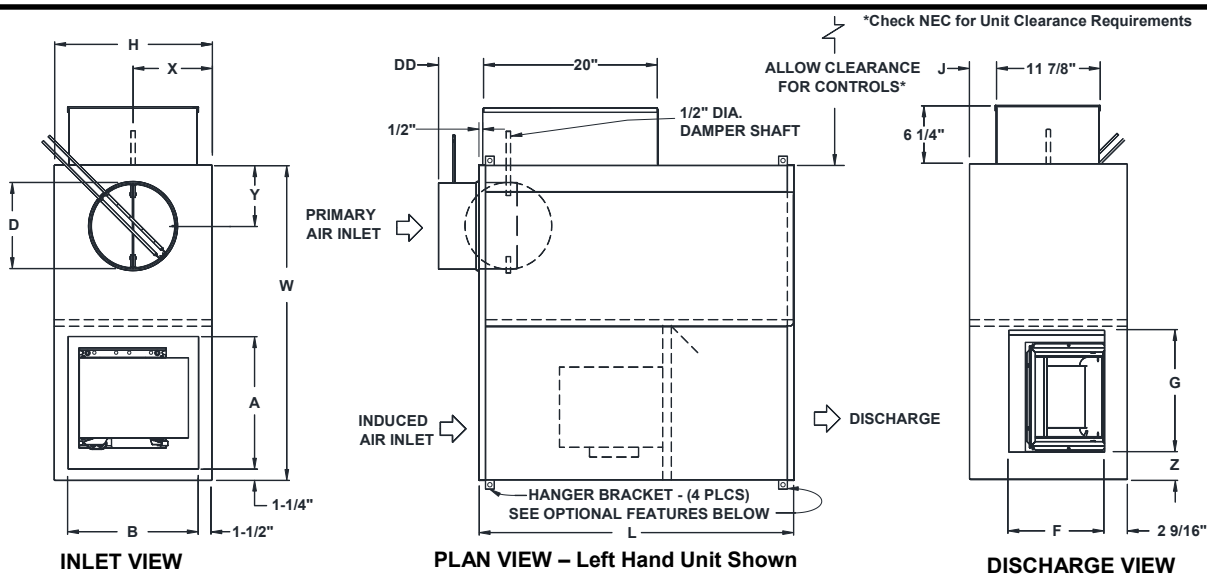




45N w/ ELECTRONIC CONTROLS

VARIABLE VOLUME FAN TERMINAL UNIT, SIZES 2-7



STANDARD FEATURES:

- 20 Ga. galvanized steel construction
- Control enclosure for electronic components
- 1/2" thick dual density fiberglass insulation meeting **NFPA 90A** and **UL 181** safety requirements
- ☐ 120V ☐ 208V/240V ☐ 277V multi-voltage, single speed, single phase, permanently lubricated PSC motors
- Field adjustable fan speed control
- Integral induced air attenuator
- Motor/blower isolation
- Back draft damper assembly
- Four quadrant averaging cross flow sensor inlet sizes 6 – 10 (DD=4 7/8") sizes 12 – 16 (DD=6 7/8")
- Removable bottom panel allows easy access to motor-blower assembly and primary air damper
- Discharge requires a flanged duct connection by others
- Factory supplied 24 volt control transformer
- **ETL** listed – Adherence to **UL1995** and **CSA C22.2 No.236.95**.
- **AHRI** certified sound ratings

OPTIONAL FEATURES:

- ☐ ECM Motor (Available on Unit Size 4 & 7)
 - ☐ Manual Control ☐ 0-10Vdc Remote Control
 - ☐ 2-10Vdc Remote Control
 - ☐ 120V ☐ 208V/240V ☐ 277V
- Liners:
 - ☐ 1" Dual density fiberglass insulation
 - ☐ 1/2" Cellular insulation
 - ☐ 1" Cellular insulation
 - ☐ 13/16" Steriliner Duct Board Insulation
 - ☐ 1/2" Foil encapsulated fiberglass insulation
 - ☐ 1" Foil encapsulated fiberglass insulation
 - ☐ Solid Metal Liner w/ 1/2" Dual Density Fiberglass
 - ☐ Perforated Metal Liner w/ 1/2" Dual Density Fiberglass
- ☐ Linear average sensor / inlet size 6 – 10 (DD = 4 7/8"), sizes 12 – 16 (DD = 6 7/8")
- ☐ Motor disconnect ☐ Cam lock bottom access
- ☐ Motor fusing ☐ Dust tight control enclosure
- ☐ Induced air filter (Unit Size 2-4: 17"x17"x1", Unit Size 5-7: 22"x19"x1")
- ☐ Hanger Brackets (not available with Double wall or Perf Double wall)

NOTE: Dimensions are given in inches

UNIT SIZE	INLET SIZE	PSC HP	ECM HP	L	W	H	INDUCED AIR		D	DISCHARGE		J	X	Y	Z
							A	B		F	G				
2	06	1/4	-	36 1/8	36 1/8	18 1/16	15 1/8	15	5 7/8	11	14	3 1/8	9	6	2 5/8
2	08	1/4	-	36 1/8	36 1/8	18 1/16	15 1/8	15	7 7/8	11	14	3 1/8	9	6	2 5/8
3	08	1/4	-	36 1/8	36 1/8	18 1/16	15 1/8	15	7 7/8	11	14	3 1/8	9	6	2 5/8
4	06	1/4	1/2	36 1/8	36 1/8	18 1/16	15 1/8	15	5 7/8	11	14	3 1/8	9	6	2 5/8
4	08	1/4	1/2	36 1/8	36 1/8	18 1/16	15 1/8	15	7 7/8	11	14	3 1/8	9	6	2 5/8
4	10	1/4	1/2	36 1/8	36 1/8	18 1/16	15 1/8	15	9 7/8	11	14	3 1/8	9	7	2 5/8
4	12	1/4	1/2	36 1/8	36 1/8	18 1/16	15 1/8	15	11 7/8	11	14	3 1/8	9	8	2 5/8
5	12	1/2	-	42 1/8	46 1/8	20 1/16	20 1/8	17	11 7/8	15	17	4 1/8	10	8	4 7/8
5	14	1/2	-	42 1/8	46 1/8	20 1/16	20 1/8	17	13 7/8	15	17	4 1/8	10	10	4 7/8
6	14	1/2	-	42 1/8	46 1/8	20 1/16	20 1/8	17	13 7/8	15	17	4 1/8	10	10	4 7/8
6	16	1/2	-	42 1/8	46 1/8	20 1/16	20 1/8	17	15 7/8	15	17	4 1/8	10	10 1/4	4 7/8
7	12	3/4	1	42 1/8	46 1/8	20 1/16	20 1/8	17	11 7/8	15	17	4 1/8	10	8	4 7/8
7	14	3/4	1	42 1/8	46 1/8	20 1/16	20 1/8	17	13 7/8	15	17	4 1/8	10	10	4 7/8
7	16	3/4	1	42 1/8	46 1/8	20 1/16	20 1/8	17	15 7/8	15	17	4 1/8	10	10 1/4	4 7/8

JOB NAME

JOB NUMBER

LOCATION

DRAWING NUMBER

BUYER

BUYER #

REVISION

SHEET

E

1 OF 1

45N-202-2