

Horizontal High Performance Fan Coil Unit (Model FN)

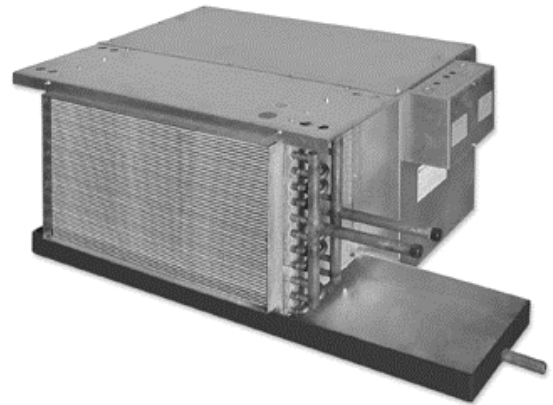


Figure 1: Model FNP Plenum Return Concealed

Model FN Horizontal fan coil units are designed to maximize flexibility of selection and installation.

The units are designed to exceed the stringent quality standards of the institutional market, while remaining cost competitive in the light commercial segment of the market.



Figure 2: Model FNX Exposed Cabinet

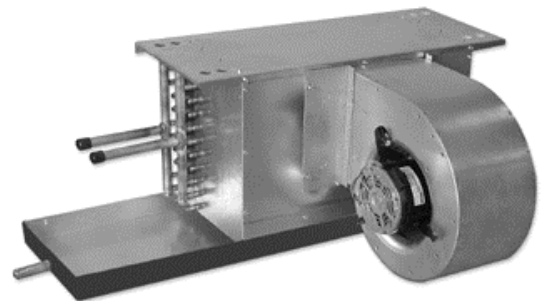


Figure 3: Model FNF Free Return

Unit Arrangements

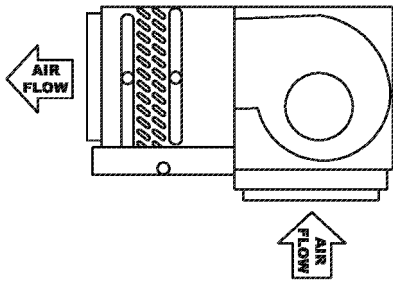


Figure 4: Model FNP Bottom Return

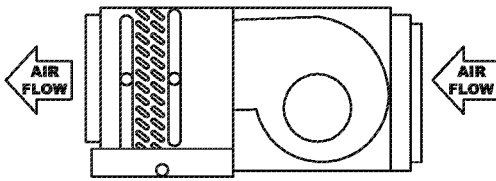


Figure 5: Model FNP Rear Return

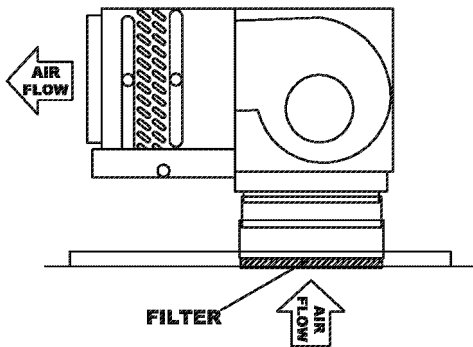


Figure 6: Model FNP Bottom Return with Telescoping Bottom Panel

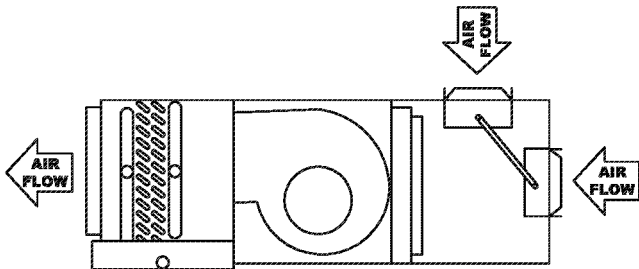


Figure 7: Model FNM Mixing Box with Top and Rear Return

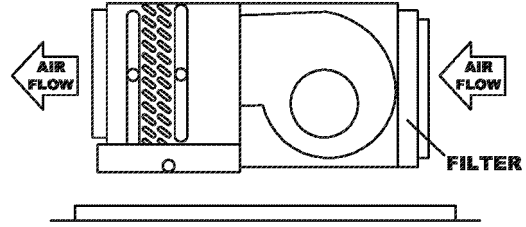


Figure 8: Model FNP Rear Return with Solid Access Panel

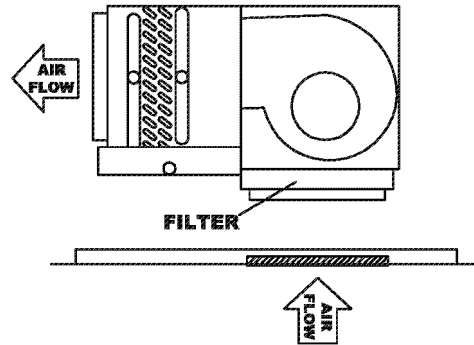


Figure 9: Model FNP Bottom Return with Bottom Ceiling Panel

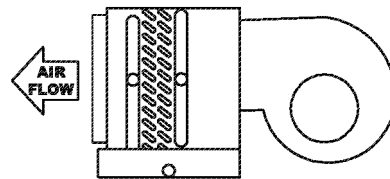


Figure 10: Model FNF Free Return

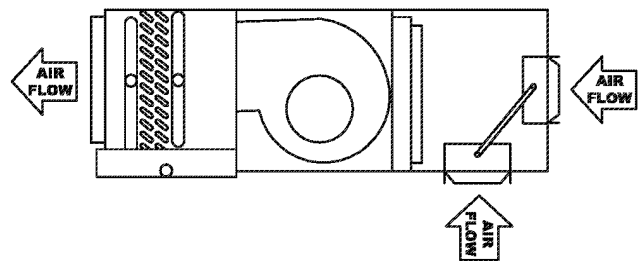


Figure 11: Model FNM Mixing Box with Bottom and Rear Return

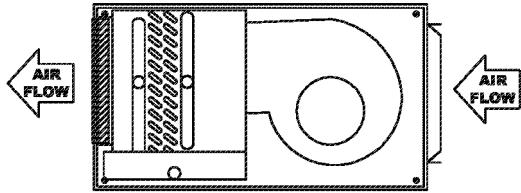


Figure 12: Model FNX Double Deflection Supply Grille and Ducted Rear Return

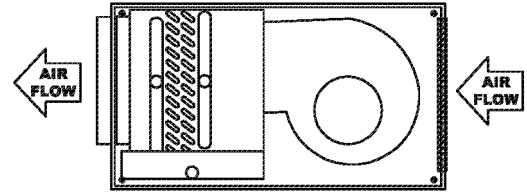


Figure 15: Model FNX Ducted Supply and Single Deflection Rear Return Grille

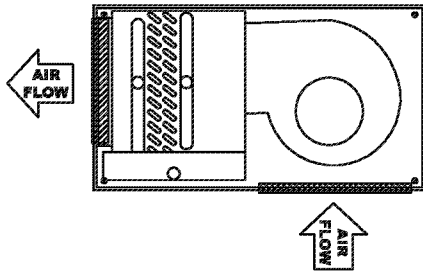


Figure 13: Model FNX Double Deflection Supply Grille and Single Deflection Bottom Return Grille

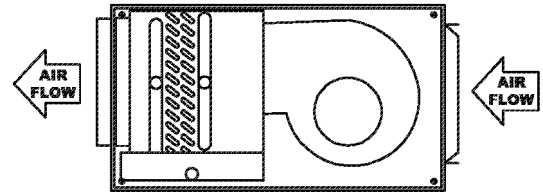


Figure 16: Model FNX Ducted Supply and Ducted Rear Return

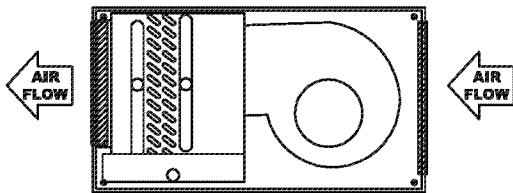


Figure 14: Model FNX Double Deflection Supply Grille and Single Deflection Rear Return Grille

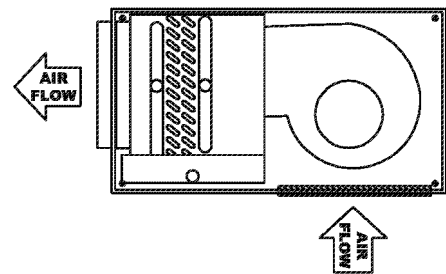


Figure 17: Model FNX Ducted Supply and Single Deflection Bottom Return Grille

Physical Data

Table 1: ARI Standard Ratings

Model	Unit Size	ARI 440 Certified	Coil		Airflow CFM (Dry Flow)	Cooling Capacity		Water		Power Input (Watts)
			Rows	FPI		QT (BTUH)	QS (BTUH)	Flow Rate GPM	WPD ft wg	
FNF FNP	06	•	4	10	700	17800	14000	3.7	1.6	290
	08	•	4	10	900	23500	18500	4.9	1.9	410
	10	•	4	10	1100	29400	22900	6.0	2.2	470
	12	•	4	10	1400	43000	31800	8.7	4.2	560
	14		4	10	1750	47100	36250	9.6	3.0	715
	16		4	10	2000	51000	41000	10.5	2.0	830
	18		4	10	2200	53000	42000	11.0	2.2	850
	20		4	10	2300	56000	44000	11.4	2.5	870

Note: Based on 80°F Dry Bulb (DB) and 67°F Wet Bulb (WB) Entering Air Temperature (EAT), 45°F Entering Water Temperature (EWT), 10°F temperature rise, high fan speed. Motor type is Permanent Split Capacitor (PSC) and motor voltage is 115/1/60. Airflow under dry coil conditions. All models tested at 0.05" ESP.

Airflow rate CFM on sizes 14 - 20 exceed maximum ratings in Air Conditioning and Refrigeration Institute (ARI) 440 and are therefore not certified.

Table 2: Heating Capacity

Model	Unit Size	Nominal CFM	1 Row			2 Row			3 Row			4 Row		
			QS (MBH)	GPM	WPD	QS (MBH)	GPM	WPD	QS (MBH)	GPM	WPD	QS (MBH)	GPM	WPD
FNF FNP	06	600	17.5	0.9	1.6	30.2	1.5	1.4	41.7	2.1	1.0	48.3	2.5	0.9
	08	800	24.3	1.2	3.2	41.8	2.1	2.6	57.6	2.9	2.0	66.5	3.4	1.6
	10	1000	27.8	1.4	0.8	52.4	2.7	4.1	70.5	3.6	1.5	80.6	4.1	1.0
	12	1200	34.5	1.8	0.9	61.8	3.2	1.8	86.4	4.4	2.3	98.8	5.1	1.6
	14	1400	41.3	2.1	1.7	73.4	3.8	2.6	98.6	5.0	1.4	117.1	6.0	1.8
	16	1600	48.1	2.5	2.4	85.1	4.4	3.6	114.5	5.9	1.9	126.5	6.5	0.6
	18	1800	54.9	2.8	3.2	96.8	5.0	4.9	130.4	6.7	2.5	144.7	7.4	0.7
	20	2000	61.0	3.1	4.1	107.5	5.5	6.1	145.3	7.4	2.4	161.7	8.3	0.9

Note: Based on 70°F DB EAT, 180°F EWT, 40°F temperature drop, high fan speed.

FNX performance data varies from FNP and FNF units. Contact the factory for more information.

Table 3: Unit Weight Data

Component	Unit Size								
	06	08	10	12	14	16	18	20	
FNF Base Unit	68 (31)	73 (33)	77 (35)	114 (52)	119 (54)	124 (56)	128 (58)	132 (60)	
FNP Base Unit	87 (40)	95 (43)	101 (46)	141 (64)	150 (68)	157 (71)	164 (75)	170 (77)	
FNP with Mixing Box	119 (54)	132 (60)	144 (65)	189 (86)	204 (93)	217 (99)	229 (104)	246 (112)	
FNX Base Unit	137 (62)	146 (66)	158 (72)	202 (92)	219 (99)	228 (103)	240 (109)	250 (113)	
Total Coil Rows	1 Row - Dry	5 (2)	6 (3)	7 (3)	8 (4)	10 (5)	10 (5)	11 (5)	12 (5)
	1 Row - Wet	7 (3)	9 (4)	10 (5)	11 (5)	14 (6)	14 (6)	16 (7)	17 (8)
	2 Row - Dry	11 (5)	13 (6)	14 (6)	16 (7)	20 (9)	20 (9)	22 (10)	24 (11)
	2 Row - Wet	14 (6)	18 (8)	20 (9)	23 (10)	27 (12)	28 (13)	32 (15)	35 (16)
	3 Row - Dry	16 (7)	19 (9)	21 (10)	24 (11)	30 (13)	30 (14)	33 (15)	36 (16)
	3 Row - Wet	21 (10)	27 (12)	30 (14)	34 (15)	41 (19)	42 (19)	48 (22)	52 (24)
	4 Row - Dry	21 (10)	25 (12)	29 (13)	33 (15)	40 (18)	40 (18)	44 (20)	48 (22)
	4 Row - Wet	27 (12)	35 (16)	41 (19)	46 (21)	54 (25)	56 (25)	64 (29)	69 (31)
	5 Row - Dry	26 (12)	30 (14)	34 (16)	38 (17)	42 (19)	46 (21)	50 (23)	54 (25)
	5 Row - Wet	33 (15)	39 (18)	45 (21)	51 (23)	57 (26)	63 (29)	70 (32)	77 (35)
	6 Row - Dry	32 (15)	38 (17)	43 (19)	49 (22)	59 (27)	61 (28)	67 (30)	71 (32)
	6 Row - Wet	42 (19)	53 (24)	61 (28)	69 (31)	80 (36)	85 (39)	97 (44)	103 (47)
	7 Row - Dry	38 (17)	42 (19)	48 (22)	54 (25)	60 (28)	66 (30)	72 (33)	78 (35)
	7 Row - Wet	49 (23)	56 (26)	63 (29)	70 (32)	77 (35)	84 (38)	91 (42)	98 (45)
	8 Row - Dry	43 (20)	49 (22)	55 (25)	61 (28)	67 (30)	73 (33)	79 (36)	85 (39)
	8 Row - Wet	55 (26)	63 (29)	71 (32)	79 (36)	87 (40)	95 (43)	103 (47)	111 (50)

Note: Unit weight data is in pounds (kilograms).

PSC Fan Performance Curves

Fan curves on the following pages depict actual performance of each motor tap without any additional fan balance adjustment. Actual capacities that fall below each curve can be obtained by adding an adjustment device. Do not run units prior to installation of downstream ductwork as damage to the motor may result.

FN fan coil units are equipped with PSC motors with three separate windings (High, Medium, and Low) that provide variable horsepower outputs. Most often, size selections are conservative and actual CFM requirements and/or external static pressure requirements are lower than those specified. In this case, the unit fan motor can run at low or medium tap, substantially reducing the operating cost of the unit.

All fan curves are for 115/1/60 motors and include pressure losses for a cabinet, electric heater, and 3- or 4-row coil. Plenum units include a clean 1" throwaway filter. For other coil configurations, adjust performance curves based on pressure losses for the coils.

For additional high static pressure applications and rating points, contact the factory.

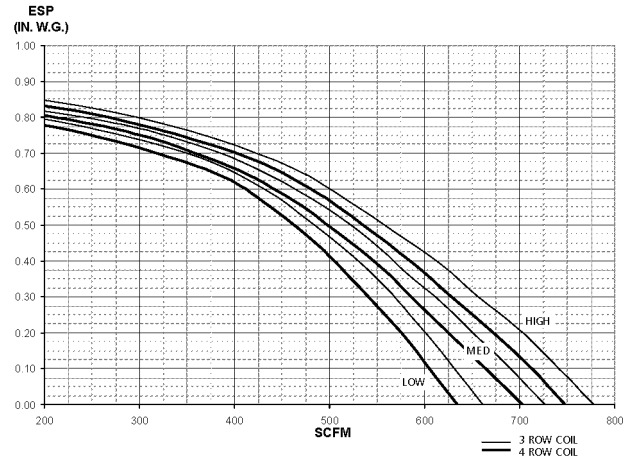


Figure 18: Model FNF Free Return Size 06

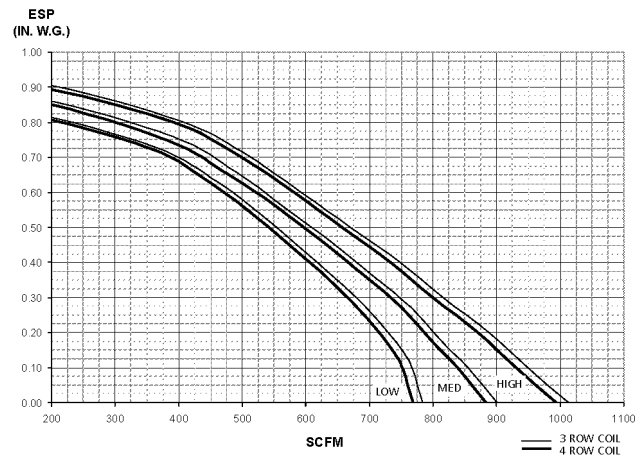


Figure 19: Model FNF Free Return Size 08

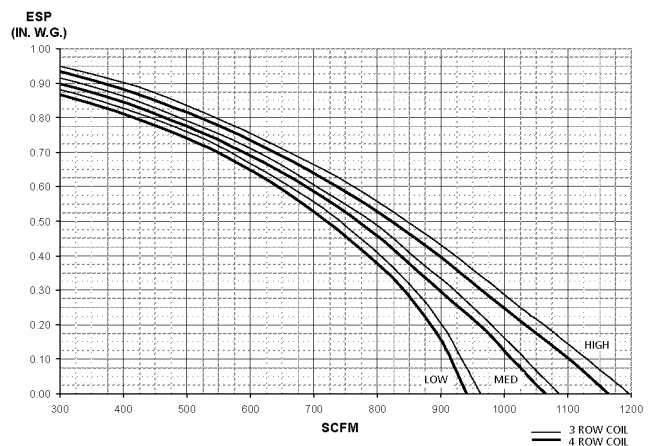


Figure 20: Model FNF Free Return Size 10

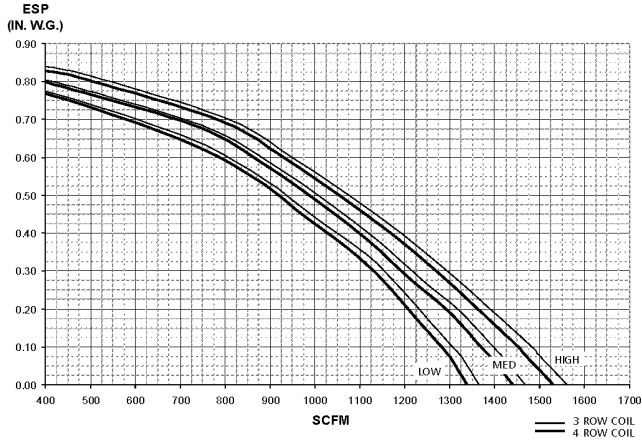


Figure 21: Model FNF Free Return Size 12

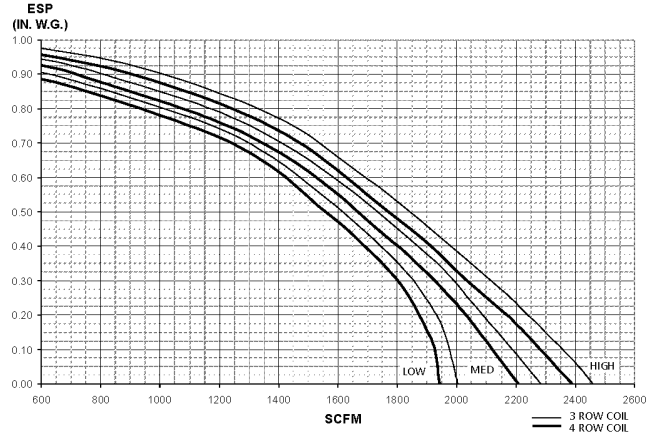


Figure 24: Model FNF Free Return Size 18

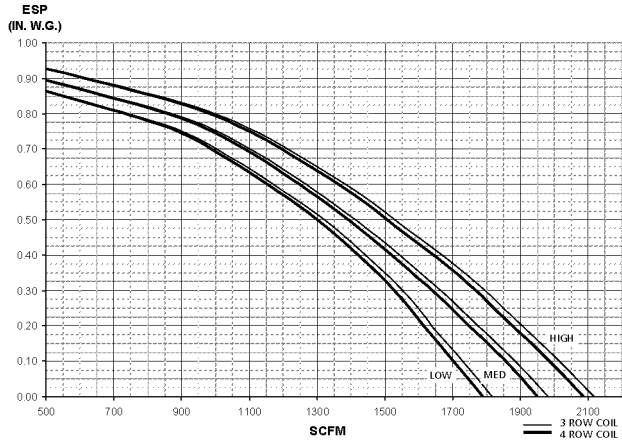


Figure 22: Model FNF Free Return Size 14

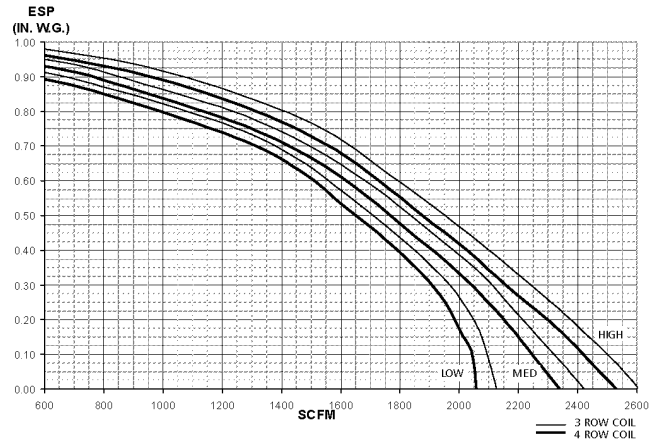


Figure 25: Model FNF Free Return Size 20

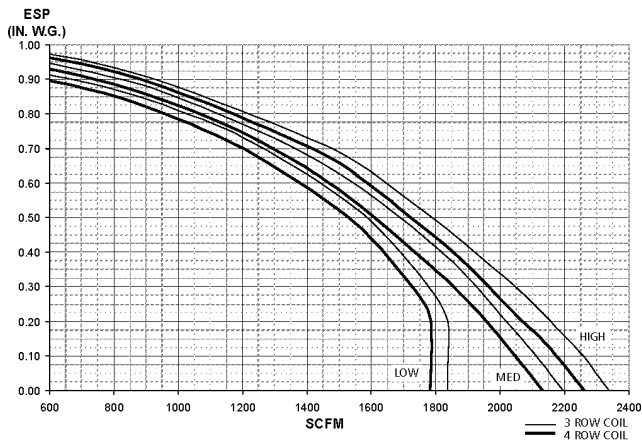


Figure 23: Model FNF Free Return Size 16

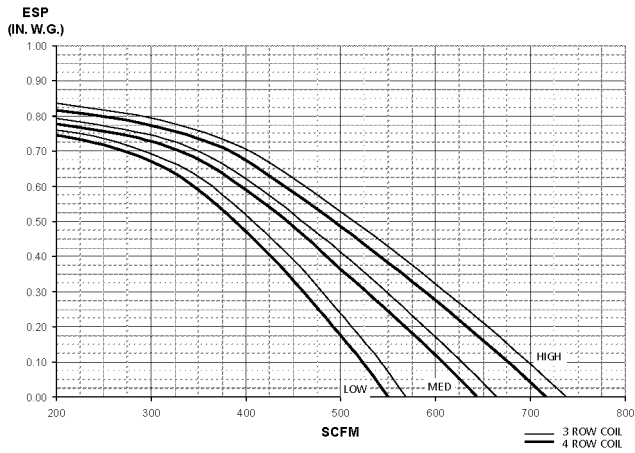


Figure 26: Model FNP Plenum Return Size 06

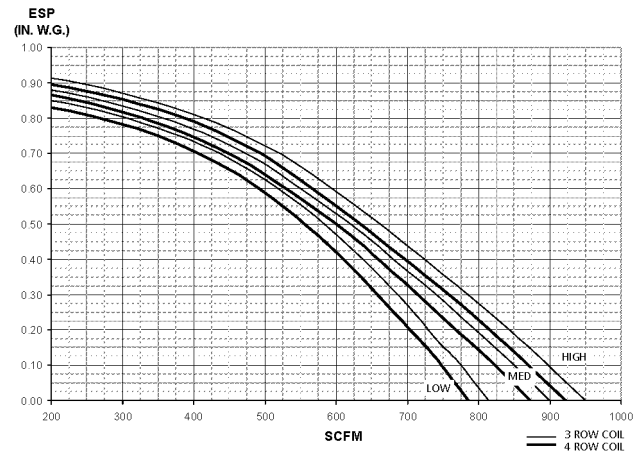


Figure 27: Model FNP Plenum Return Size 08

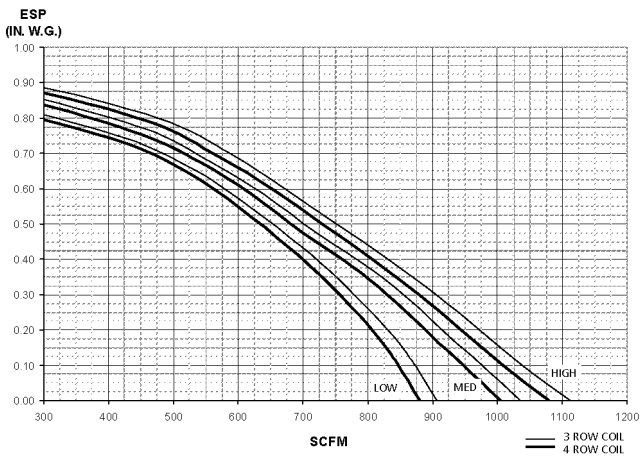


Figure 28: Model FNP Plenum Return Size 10

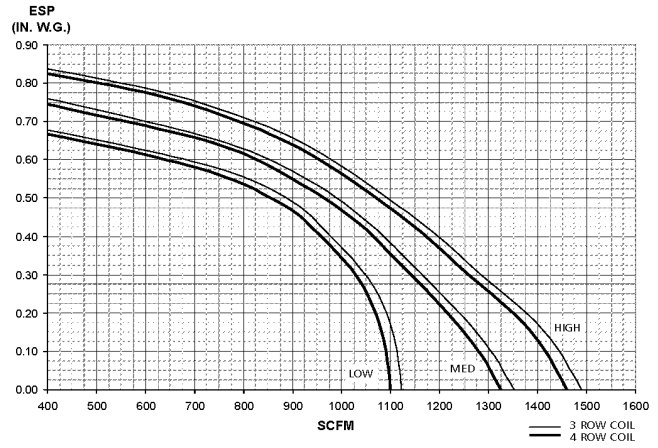


Figure 29: Model FNP Plenum Return Size 12

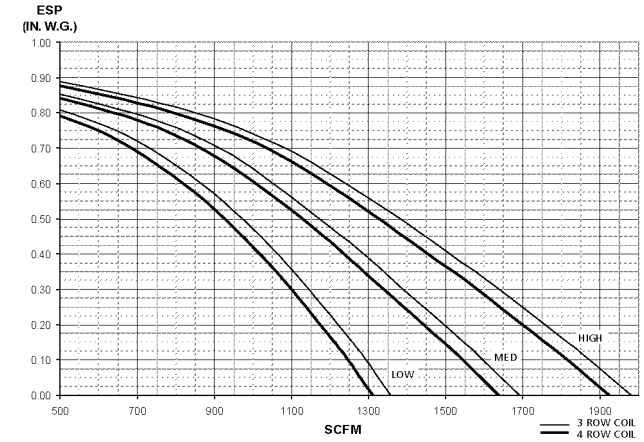


Figure 30: Model FNP Plenum Return Size 14

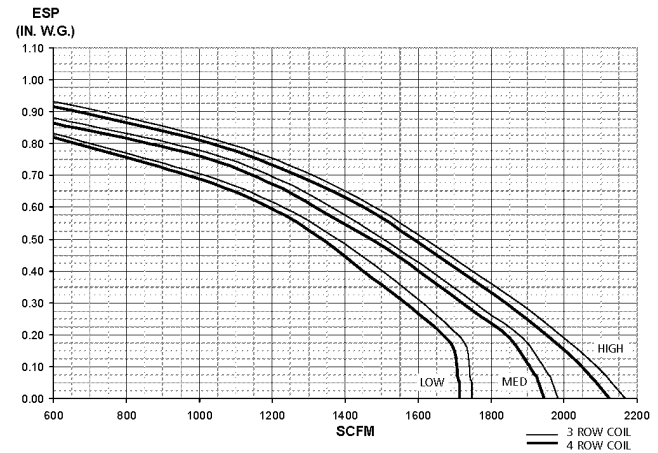


Figure 31: Model FNP Plenum Return Size 16

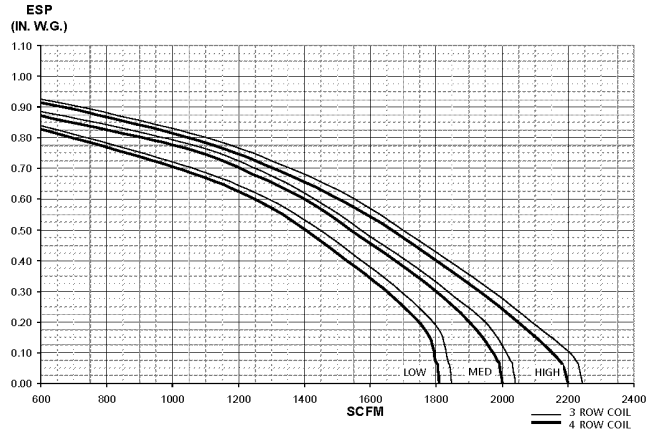


Figure 32: Model FNP Plenum Return Size 18

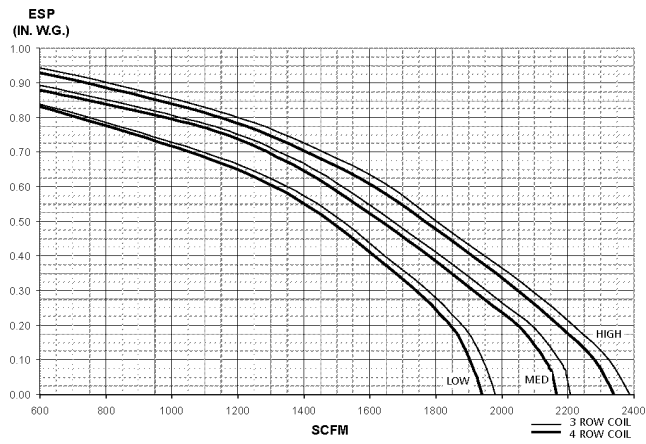


Figure 33: Model FNP Plenum Return Size 20

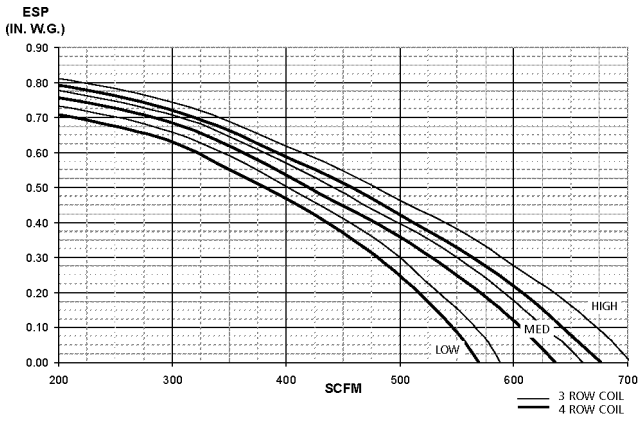


Figure 34: Model FNX Exposed Cabinet Size 06

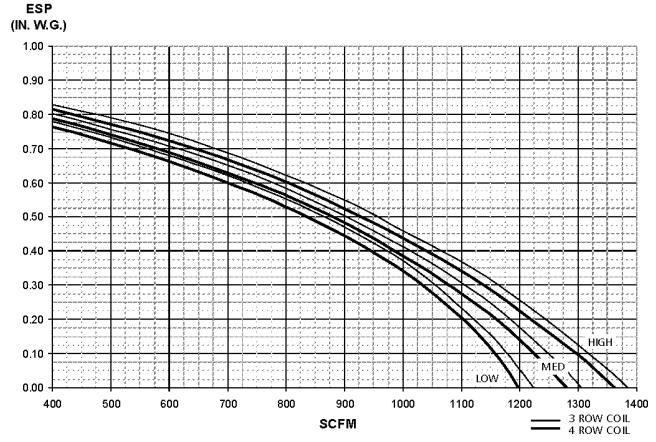


Figure 37: Model FNX Exposed Cabinet Size 12

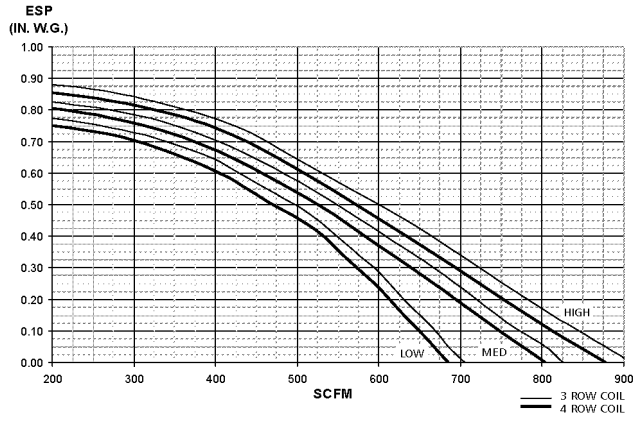


Figure 35: Model FNX Exposed Cabinet Size 08

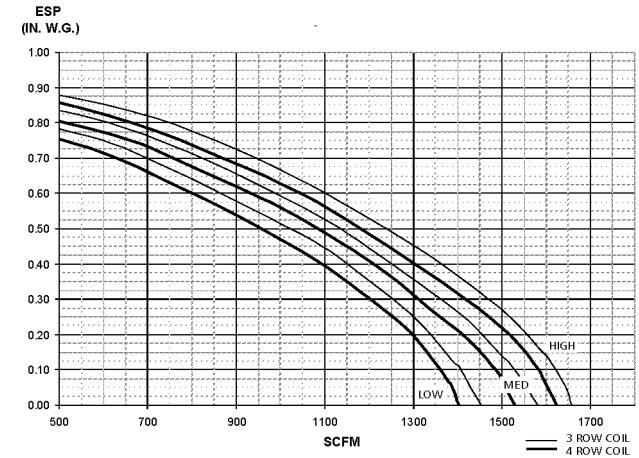


Figure 38: Model FNX Exposed Cabinet Size 14

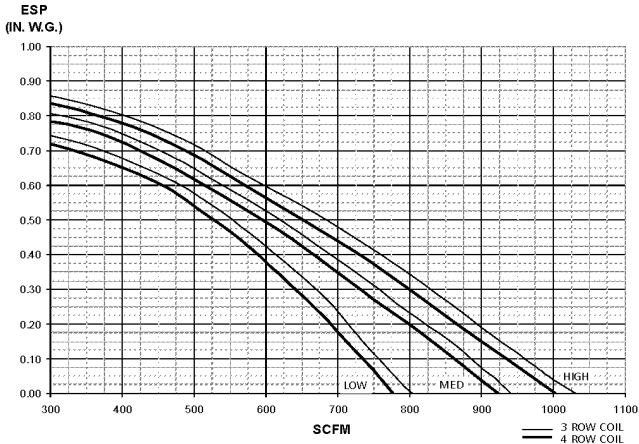


Figure 36: Model FNX Exposed Cabinet Size 10

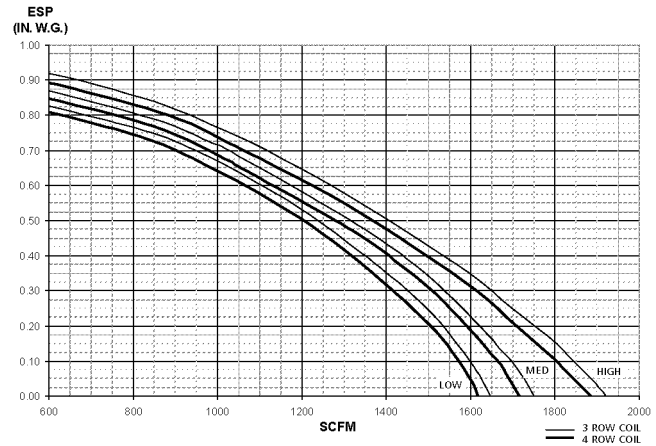


Figure 39: Model FNX Exposed Cabinet Size 16

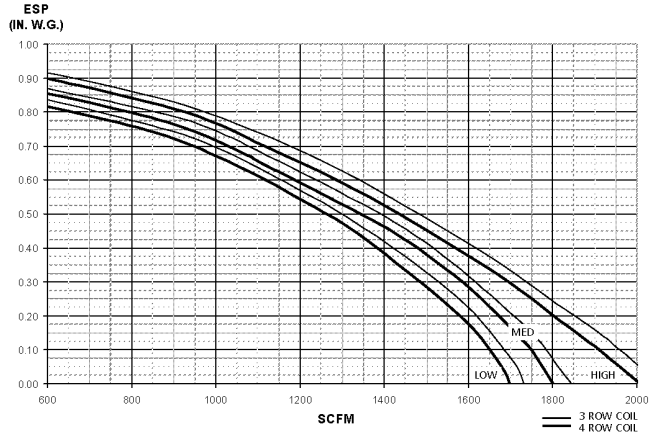


Figure 40: Model FNX Exposed Cabinet Size 18

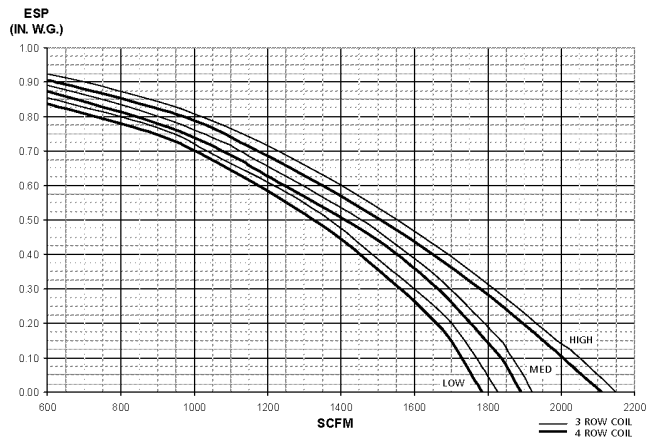


Figure 41: Model FNX Exposed Cabinet Size 20

Electronically Commutated Motor (ECM) Fan Performance Curves

The fan curves on the following pages depict actual performance at the maximum speed of the ECM motor. Depending upon external static pressure, flow rates are achievable anywhere within the curve boundary by adjusting the motor speed through the electronic interface control board.

Once the electronic interface control board is set to the desired flow rate, airflow rates will be constant for varying degrees of external static pressure caused by filter loading or other duct system variables.

Fan curves compensate for pressure losses of the unit cabinet, coil rows, filter loading, and other optional accessories.

ECM™ motors operate using a rectified Alternating Current (AC) power source that is converted to a non-sinusoidal Direct Current (DC) power wave form. Harmonic distortion may occur and circulate on the power distribution system. Circulating harmonic currents are potentially additive on the neutral conductors of 3-phase, 4-wire Wye distribution systems. Neutral conductors must be engineered to account for the additional current (amperes) encountered.

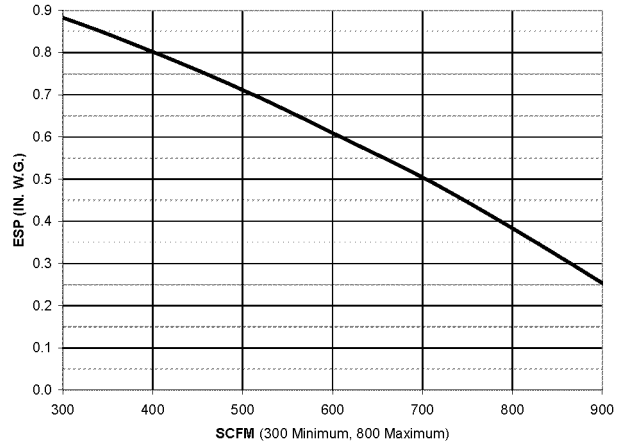


Figure 43: Model FNP Size 08 with 1/3 hp ECM Motor

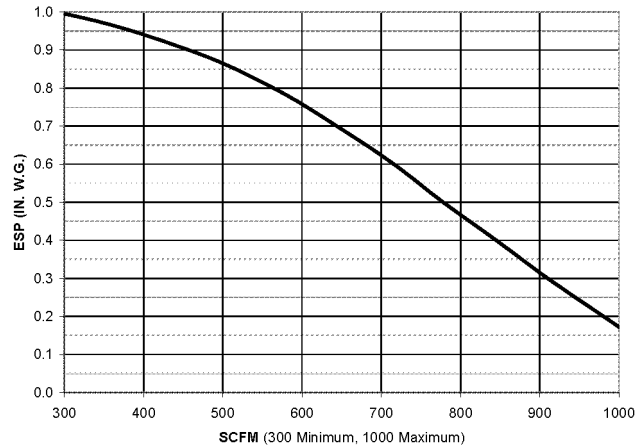


Figure 44: Model FNP Size 10 with 1/3 hp ECM Motor

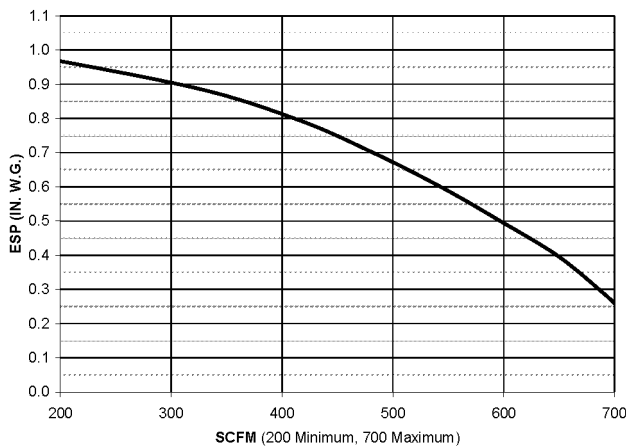


Figure 42: Model FNP Size 06 with 1/3 hp ECM Motor

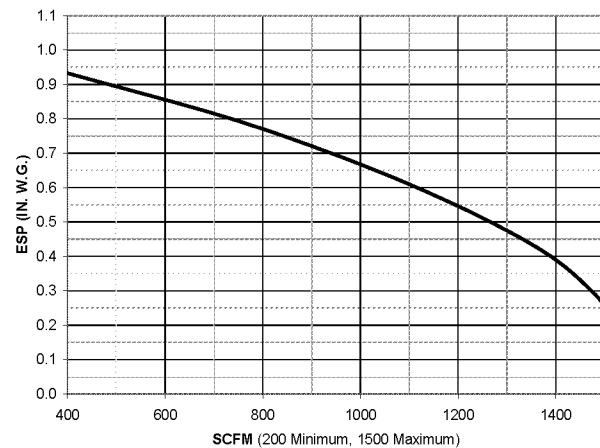


Figure 45: Model FNP Size 12 with (2) 1/3 hp ECM Motors

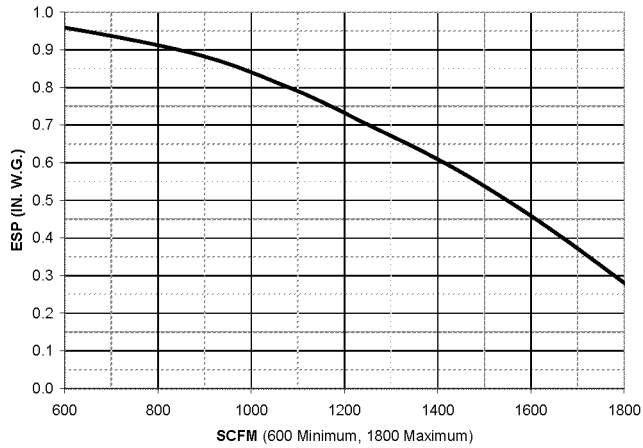


Figure 46: Model FNP Size 14 with (2) 1/3 hp ECM Motors

Table 4: ECM™ Airflow

Unit Size	Factory Set CFM	CFM Range	
		Min.	Max.
06	600	200	700
08	800	300	900
10	1000	300	1000
12	1200	400	1500
14	1400	600	1800
16	1600	600	1900
18	1800	600	2000
20	2000	600	2000

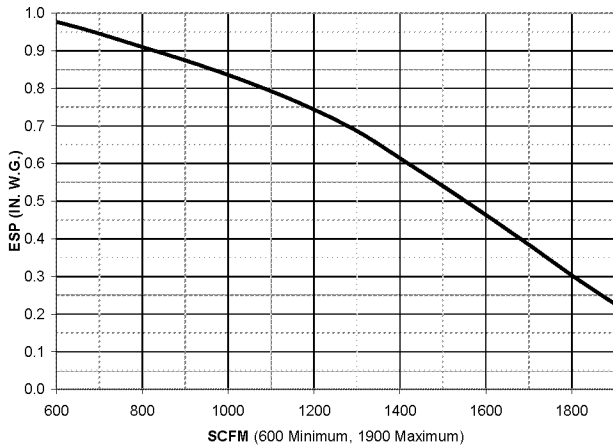


Figure 47: Model FNP Size 16 with (2) 1/3 hp ECM Motors

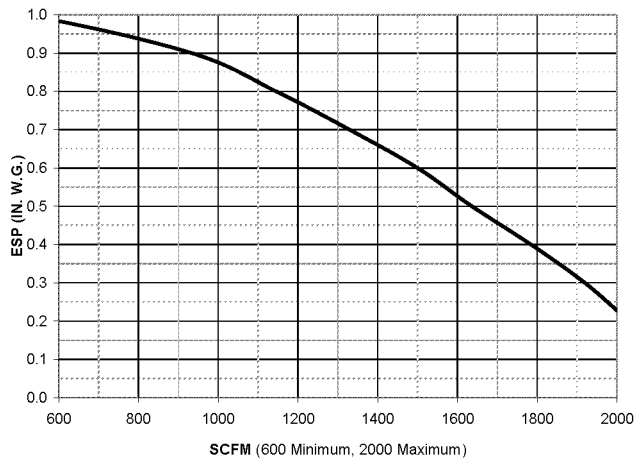


Figure 48: Model FNP Sizes 18/20 with (2) 1/3 hp ECM Motors

Motor, Fan, and Sound Data

Table 5: Motor and Fan Data

Unit Size	Fan Speed	Motor hp (Quantity)		Fan #	Amperes @ 120/1/60			Amperes @ 208-230/1/60			Amperes @ 277/1/60		
		PSC	ECM™		PSC	ECM™		PSC	ECM™		PSC	ECM™	
						FLA	3-Phase Neutral Current		FLA	3-Phase Neutral Current		FLA	3-Phase Neutral Current
06	High	(1) 1/6	(1) 1/3	1	2.6	5.0	13.2	1.1	2.8	5.9	0.9	2.6	5.4
	Medium	(1) 1/8			2.1			0.9			0.8		
	Low	(1) 1/10			1.8			0.6			0.7		
08	High	(1) 1/4	(1) 1/3	1	3.8	5.0	13.2	1.6	2.8	5.9	1.3	2.6	5.4
	Medium	(1) 1/6			3.3			1.0			0.8		
	Low	(1) 1/8			2.6			0.8			0.7		
10	High	(1) 1/4	(1) 1/3	1	4.9	5.0	13.2	2.2	2.8	5.9	1.9	2.6	5.4
	Medium	(1) 1/5			4.1			1.5			1.2		
	Low	(1) 1/6			3.2			1.1			0.8		
12	High	(2) 1/6	(2) 1/3	2	5.2	10.0	26.4	2.2	5.6	11.8	1.8	5.2	10.8
	Medium	(2) 1/8			4.2			1.8			1.6		
	Low	(2) 1/10			3.6			1.2			1.4		
14	High	(2) 1/4	(2) 1/3	2	7.6	10.0	26.4	3.2	5.6	11.8	2.6	5.2	10.8
	Medium	(2) 1/6			6.6			2.0			1.6		
	Low	(2) 1/8			5.2			1.6			1.4		
16	High	(2) 1/4	(2) 1/3	2	9.8	10.0	26.4	4.4	5.6	11.8	3.8	5.2	10.8
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		
18	High	(2) 1/4	(2) 1/3	2	9.8	10.0	26.4	4.4	5.6	11.8	3.8	5.2	10.8
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		
20	High	(2) 1/4	(2) 1/3	2	9.8	10.0	26.4	4.4	5.6	11.8	3.8	5.2	10.8
	Medium	(2) 1/5			8.2			3.0			2.4		
	Low	(2) 1/6			6.4			2.2			1.6		

Notes:

Motor electrical data is nameplate data. Actual data will vary with application.

Motors are nameplated for 208-230/1/60. Data is set at 230 volts.

ECM motors operated on 208/1/60 power result in reduced airflow.

Table 6: Sound Data

Unit Size	Fan Speed	Unit SCFM	Casing Radiated								Free Inlet and Casing Radiated							
			Octave Band Sound Power Levels, dB								Octave Band Sound Power Levels, dB							
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
06	High	610	70	68	63	58	57	52	46	42	72	71	63	60	60	57	52	47
	Medium	540	66	63	57	55	52	47	40	36	71	68	59	58	57	54	48	43
	Low	475	58	59	53	53	48	43	35	32	65	64	57	56	54	51	44	40
08	High	790	66	64	62	59	58	53	47	42	68	68	63	61	61	58	53	47
	Medium	750	62	60	58	56	54	48	42	37	67	65	60	59	59	55	50	44
	Low	680	58	57	54	53	50	43	36	32	65	62	57	57	56	52	45	40
10	High	915	67	65	63	60	59	54	47	44	69	69	64	62	62	59	53	49
	Medium	835	63	62	58	57	55	50	44	38	68	67	60	60	60	57	55	45
	Low	780	59	58	55	54	52	45	37	33	66	63	58	58	58	54	46	41
12	High	1310	70	68	65	60	60	55	51	47	72	72	66	62	63	60	57	52
	Medium	1175	65	64	60	57	56	50	45	41	70	69	63	60	61	57	53	48
	Low	1050	63	61	56	55	50	45	39	35	70	66	59	58	57	53	49	43
14	High	1650	69	67	68	63	62	57	52	48	71	71	68	65	65	62	58	53
	Medium	1400	65	64	64	61	59	53	48	44	70	69	66	64	64	60	56	51
	Low	1145	62	62	60	59	55	49	44	39	70	67	64	63	62	58	53	47
16	High	1900	70	69	68	63	63	58	53	40	72	72	68	65	66	63	59	55
	Medium	1770	66	65	64	61	60	54	49	45	71	70	66	64	65	61	57	52
	Low	1610	63	62	60	59	56	50	45	41	71	67	64	63	62	59	54	48
18	High	2000	70	67	67	63	63	59	54	50	72	71	68	65	66	64	60	55
	Medium	1850	66	64	65	61	60	55	51	46	71	69	67	64	65	62	59	53
	Low	1700	63	62	59	59	55	51	45	42	71	67	62	62	62	59	54	58
20	High	2140	71	68	66	63	63	60	56	52	72	71	67	65	66	65	62	56
	Medium	1980	67	64	63	61	59	56	52	47	72	69	65	63	64	63	59	53
	Low	1800	64	61	58	58	55	52	46	41	71	66	61	61	61	60	55	48

Notes:

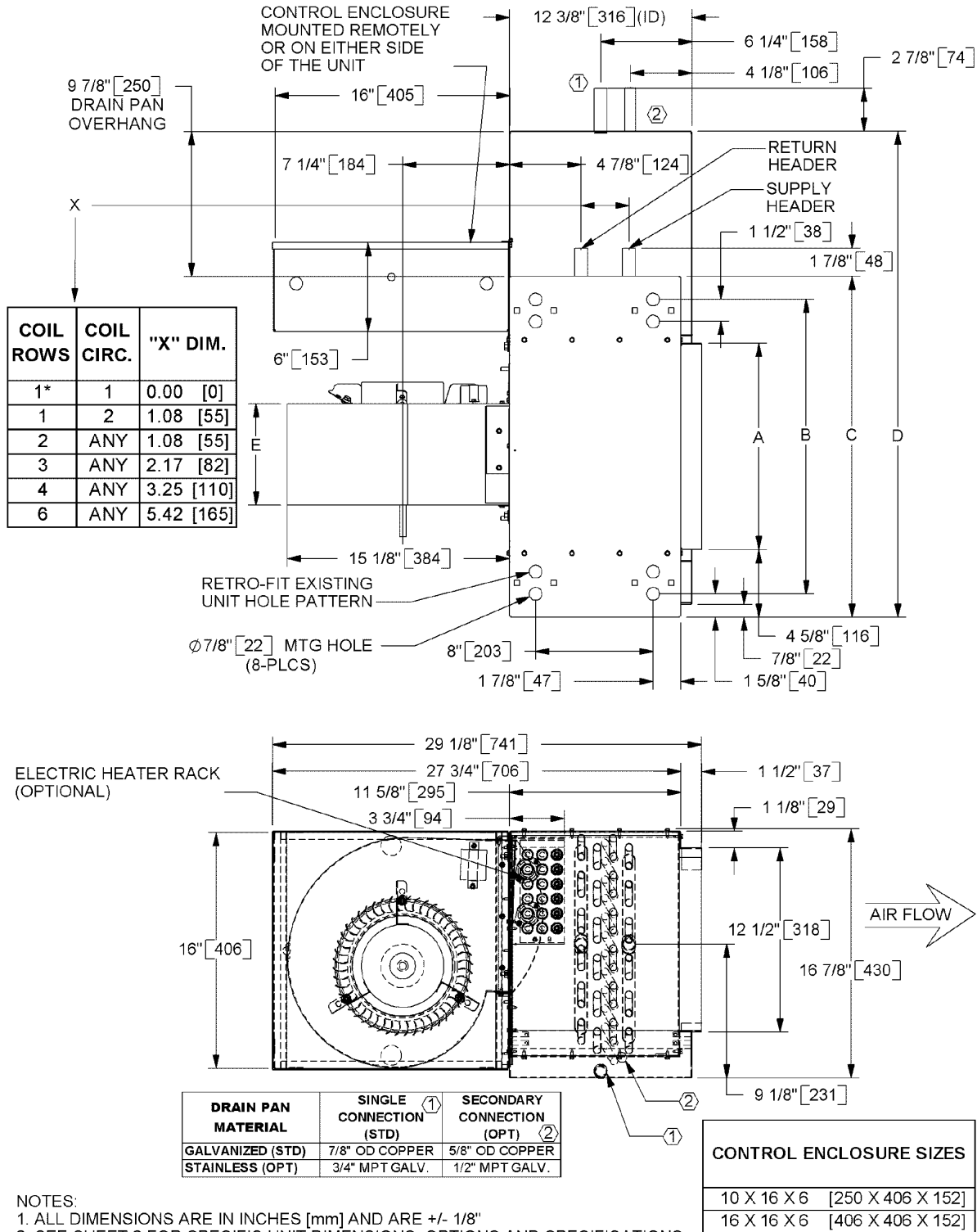
Sound data tested in accordance with ARI 260-01.

Sound levels are expressed in decibels, dB RE: 1 x 10⁻¹² watts.

Total sound power level data is based on Model FNP with fan CFM at corresponding fan speed with 115/1/60 volt motor, 4-row coil, 1" throwaway filter, 0.25" external static pressure, and standard rated internal pressure losses.

Dimensional Data

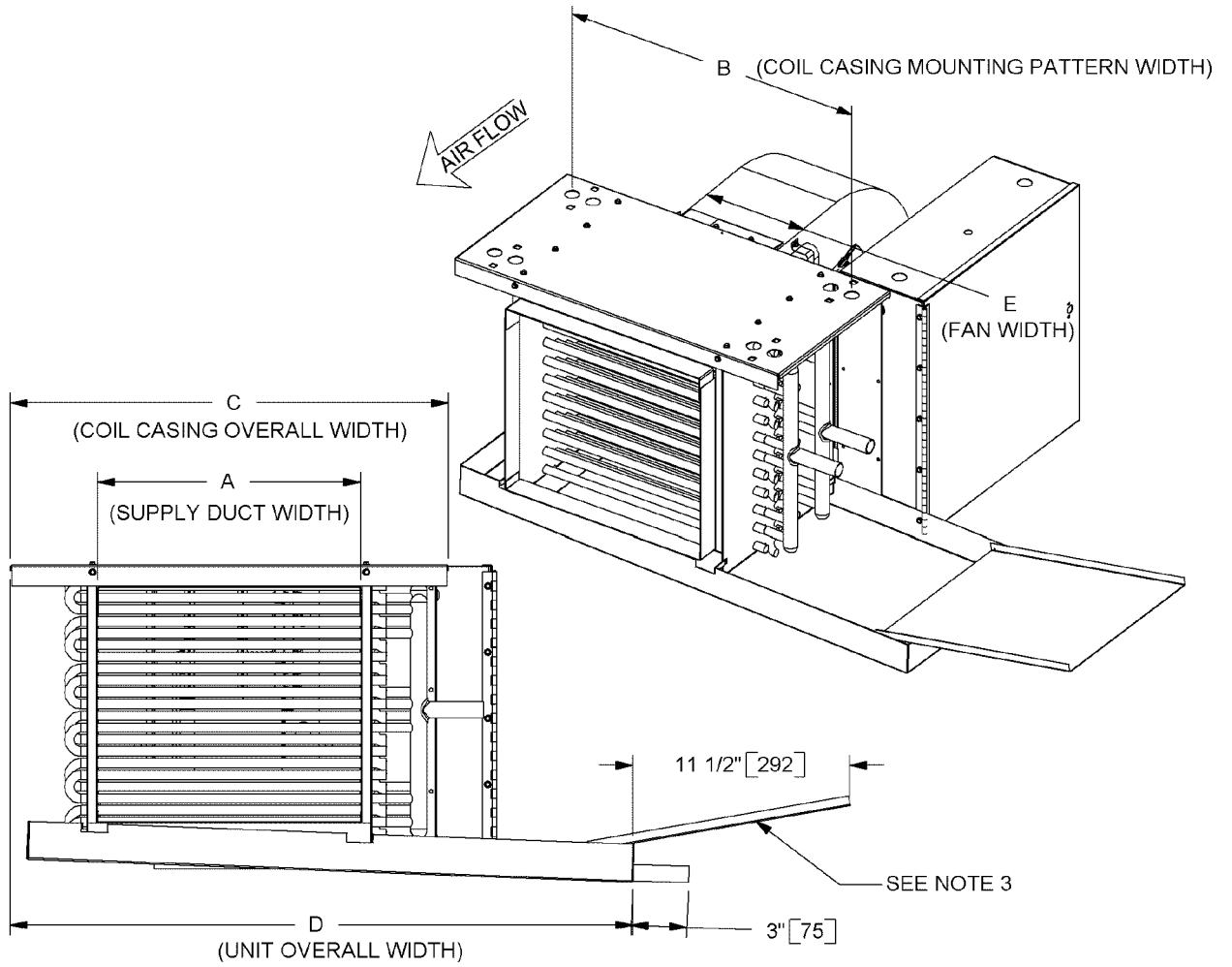
Drawings are not to scale and are not for installation purposes.



NOTES:

1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
2. SEE SHEET 2 FOR SPECIFIC UNIT DIMENSIONS, OPTIONS AND SPECIFICATIONS
3. * 1 ROW SINGLE CIRCUIT COILS ARE ON THE SAME AXIS, BUT ARE 13 3/4" APART IN HEIGHT
4. CONTROL ENCLOSURE SIZE IS DETERMINED BY ELECTRICAL COMPONENTS SELECTED

Figure 49: Model FNF – Free Return Units

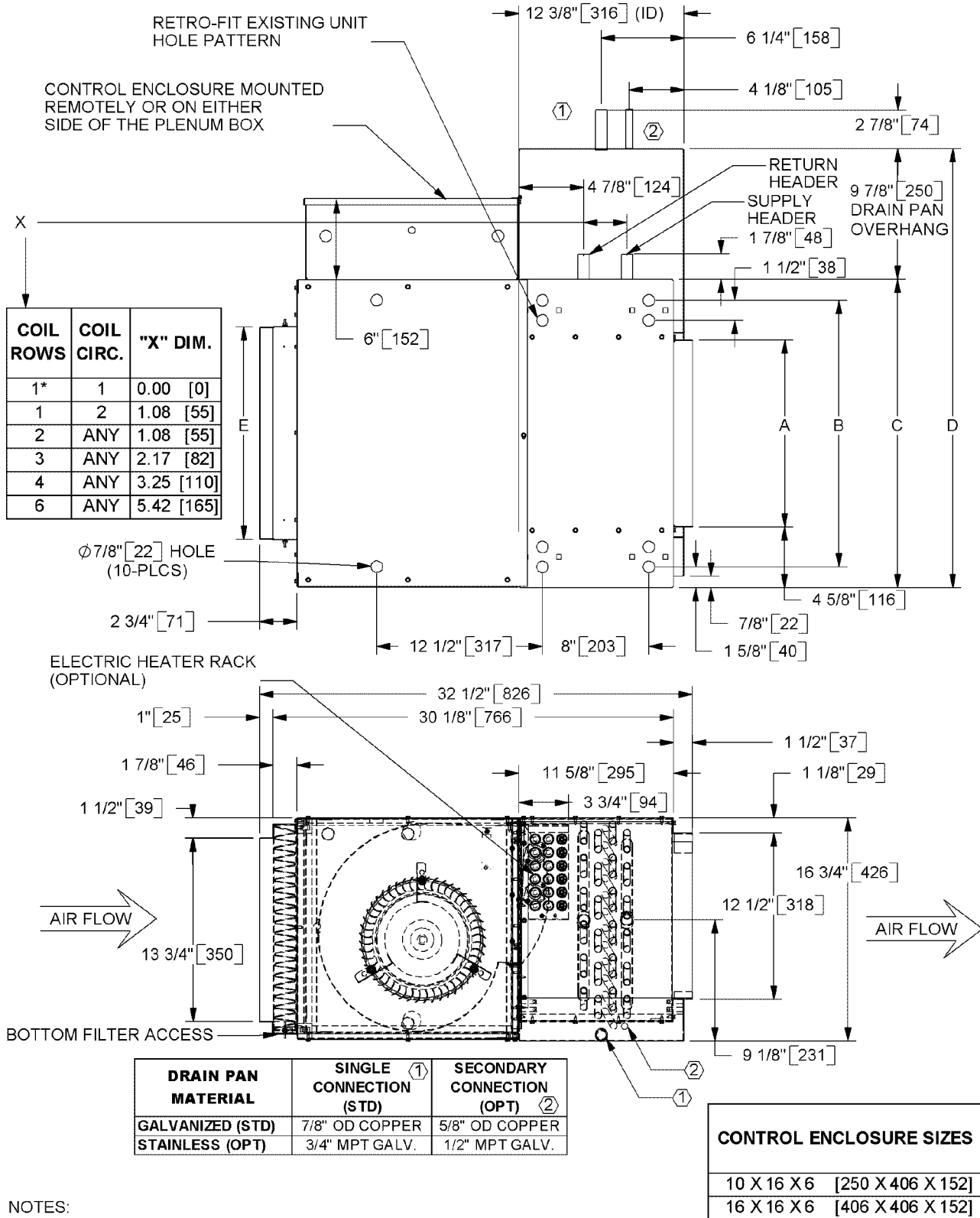


UNIT SIZE	FAN QTY	A	B	C	D	E
06	1	14	20	23 1/8	34	6 7/8
		[356]	[508]	[587]	[864]	[175]
08	1	19	25	28 1/8	39	8 1/4
		[483]	[635]	[714]	[991]	[210]
10	1	23	29	32 1/8	43	8 1/4
		[584]	[737]	[816]	[1092]	[210]
12	2	28	34	37 1/8	48	6 7/8
		[711]	[864]	[943]	[1219]	[175]
14	2	33	39	42 1/8	53	8 1/4
		[838]	[991]	[1070]	[1346]	[210]
16	2	38	44	47 1/8	58	8 1/4
		[965]	[1118]	[1197]	[1473]	[210]
18	2	43	49	52 1/8	63	8 1/4
		[1092]	[1245]	[1324]	[1600]	[210]
20	2	47	53	56 1/8	67	8 1/4
		[1194]	[1346]	[1426]	[1702]	[210]

NOTES:

1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
2. DRAIN PAN IS FIELD REVERSIBLE 180° AND EXTERNALLY INSULATED
3. OPTIONAL AUXILIARY DRIP PAN AVAILABLE FOR PIPING PACKAGE CONDENSATE
4. COIL HAND IS FIELD REVERSIBLE (LEFT HAND UNIT SHOWN)

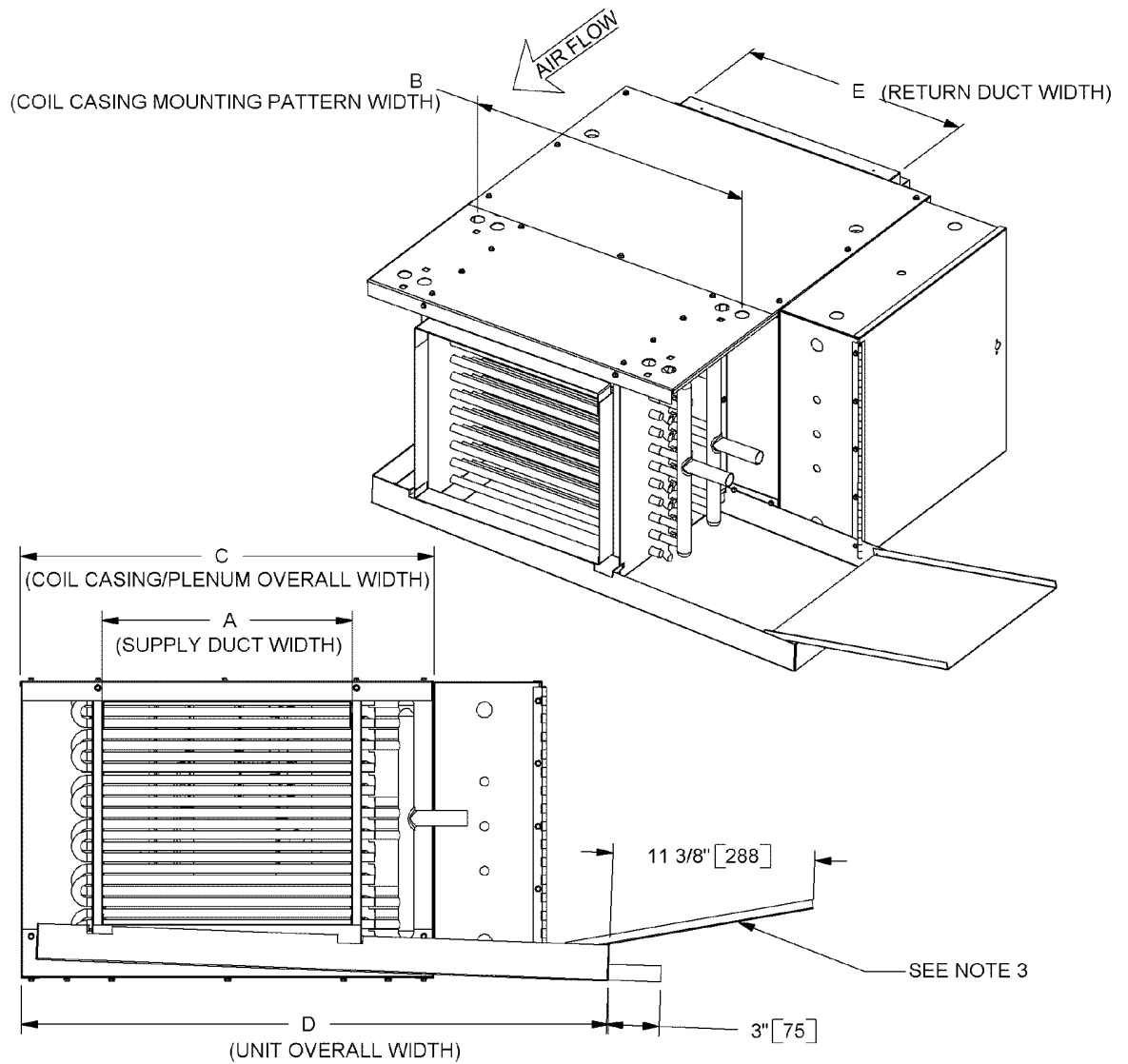
Figure 50: Model FNF – Free Return Units



NOTES:

1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
2. SEE SHEET 2 FOR SPECIFIC UNIT DIMENSIONS, OPTIONS & SPECIFICATIONS
3. * 1 ROW SINGLE CIRCUIT COILS ARE ON THE SAME AXIS, BUT ARE 13 3/4" APART IN HEIGHT
4. CONTROL ENCLOSURE SIZE IS DETERMINED BY ELECTRICAL COMPONENTS SELECTED

Figure 51: Model FNP – Plenum Units

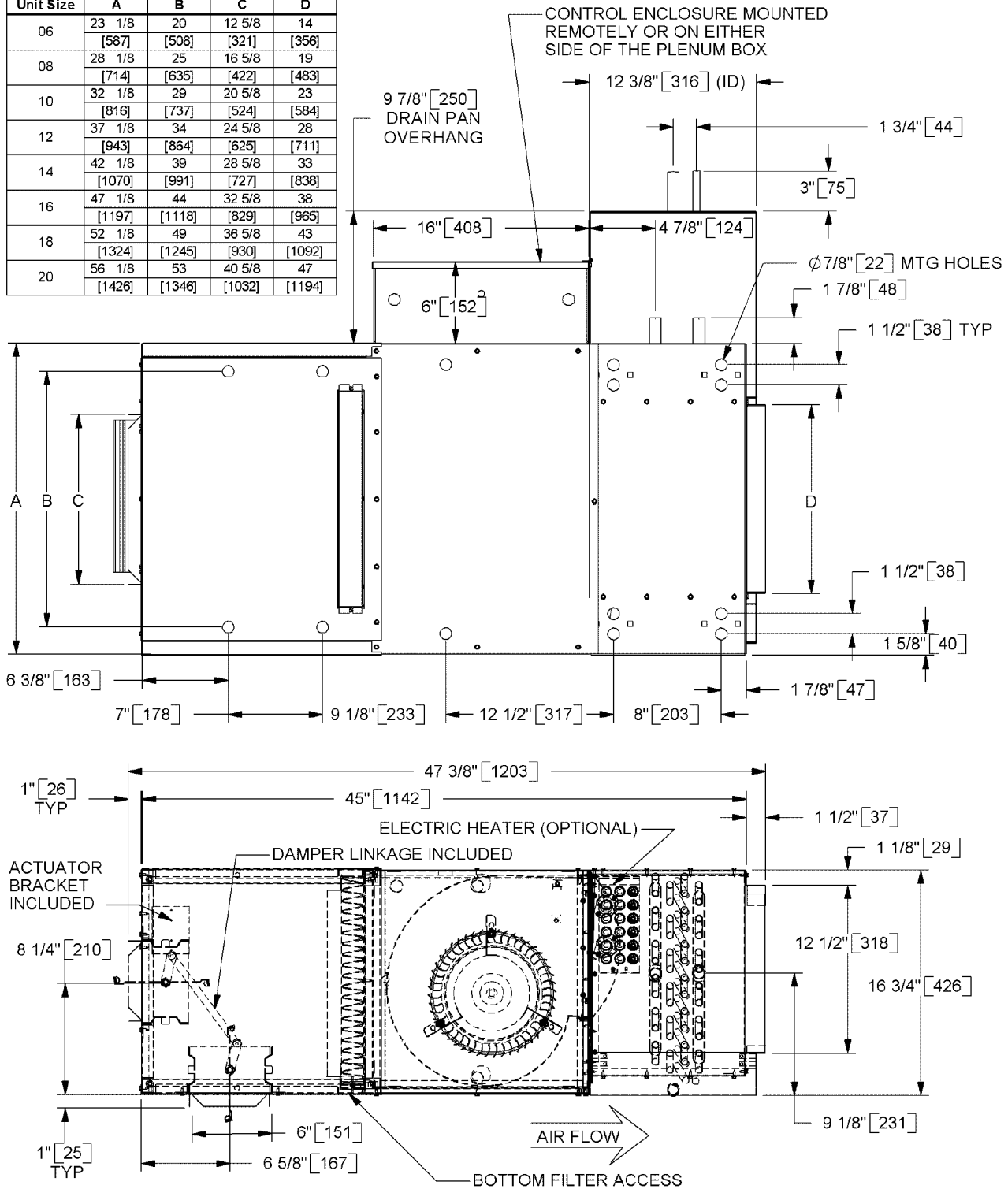


- NOTES:
1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
 2. DRAIN PAN IS FIELD REVERSIBLE 180° AND EXTERNALLY INSULATED
 3. OPTIONAL AUXILIARY DRIP PAN AVAILABLE FOR PIPING PACKAGE CONDENSATE
 4. COIL HAND IS FIELD REVERSIBLE (LEFT HAND UNIT SHOWN)
 5. PLENUM BOX IS FIELD REVERSIBLE FOR REAR OR BOTTOM RETURN AIR
 6. FILTER RACK CAN ACCOMMODATE STANDARD 1" TAW AND 1" & 2" PLEATED FILTERS

UNIT SIZE	FAN QTY	A	B	C	D	E
06	1	14	20	23 1/8	34	15 7/8
		[356]	[508]	[587]	[864]	[403]
08	1	19	25	28 1/8	39	20 7/8
		[483]	[635]	[714]	[991]	[530]
10	1	23	29	32 1/8	43	24 7/8
		[584]	[737]	[816]	[1092]	[632]
12	2	28	34	37 1/8	48	29 7/8
		[711]	[864]	[943]	[1219]	[759]
14	2	33	39	42 1/8	53	34 7/8
		[838]	[991]	[1070]	[1346]	[886]
16	2	38	44	47 1/8	58	39 7/8
		[965]	[1118]	[1197]	[1473]	[1013]
18	2	43	49	52 1/8	63	44 7/8
		[1092]	[1245]	[1324]	[1600]	[1140]
20	2	47	53	56 1/8	67	48 7/8
		[1194]	[1346]	[1426]	[1702]	[1241]

Figure 52: Model FNP – Plenum Units

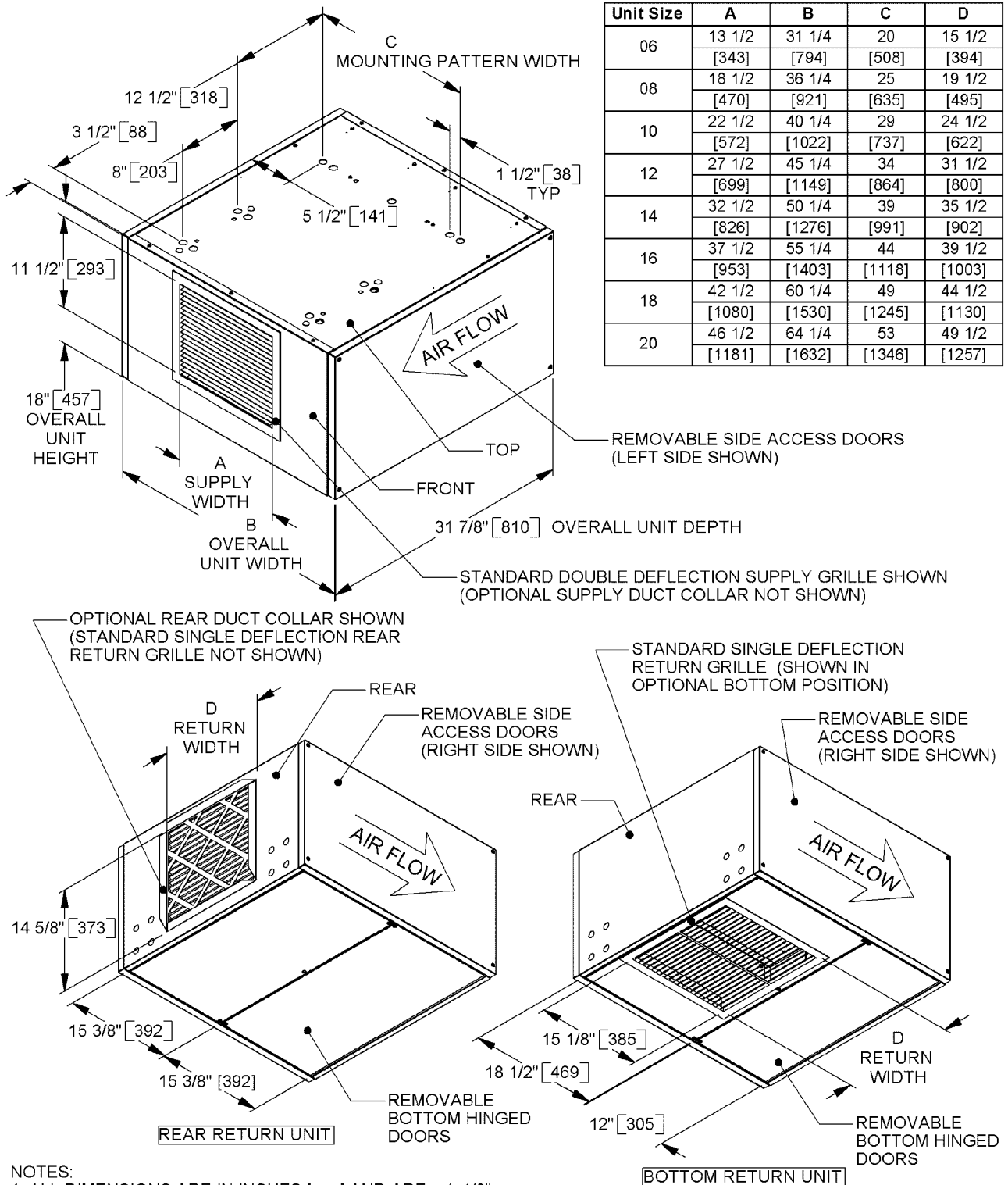
Unit Size	A	B	C	D
06	23 1/8	20	12 5/8	14
	[587]	[508]	[321]	[356]
08	28 1/8	25	16 5/8	19
	[714]	[635]	[422]	[483]
10	32 1/8	29	20 5/8	23
	[816]	[737]	[524]	[584]
12	37 1/8	34	24 5/8	28
	[943]	[864]	[625]	[711]
14	42 1/8	39	28 5/8	33
	[1070]	[991]	[727]	[838]
16	47 1/8	44	32 5/8	38
	[1197]	[1118]	[829]	[965]
18	52 1/8	49	36 5/8	43
	[1324]	[1245]	[930]	[1092]
20	56 1/8	53	40 5/8	47
	[1426]	[1346]	[1032]	[1194]



NOTES:

1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
2. THE MIXING BOX IS FIELD REVERSIBLE FROM BOTTOM & REAR TO TOP & REAR RETURN
3. MIXING BOX SIDE PANELS ARE REMOVABLE FOR ACCESS TO THE LINKAGE / ACTUATOR

Figure 53: Model FNM with Mixing Box

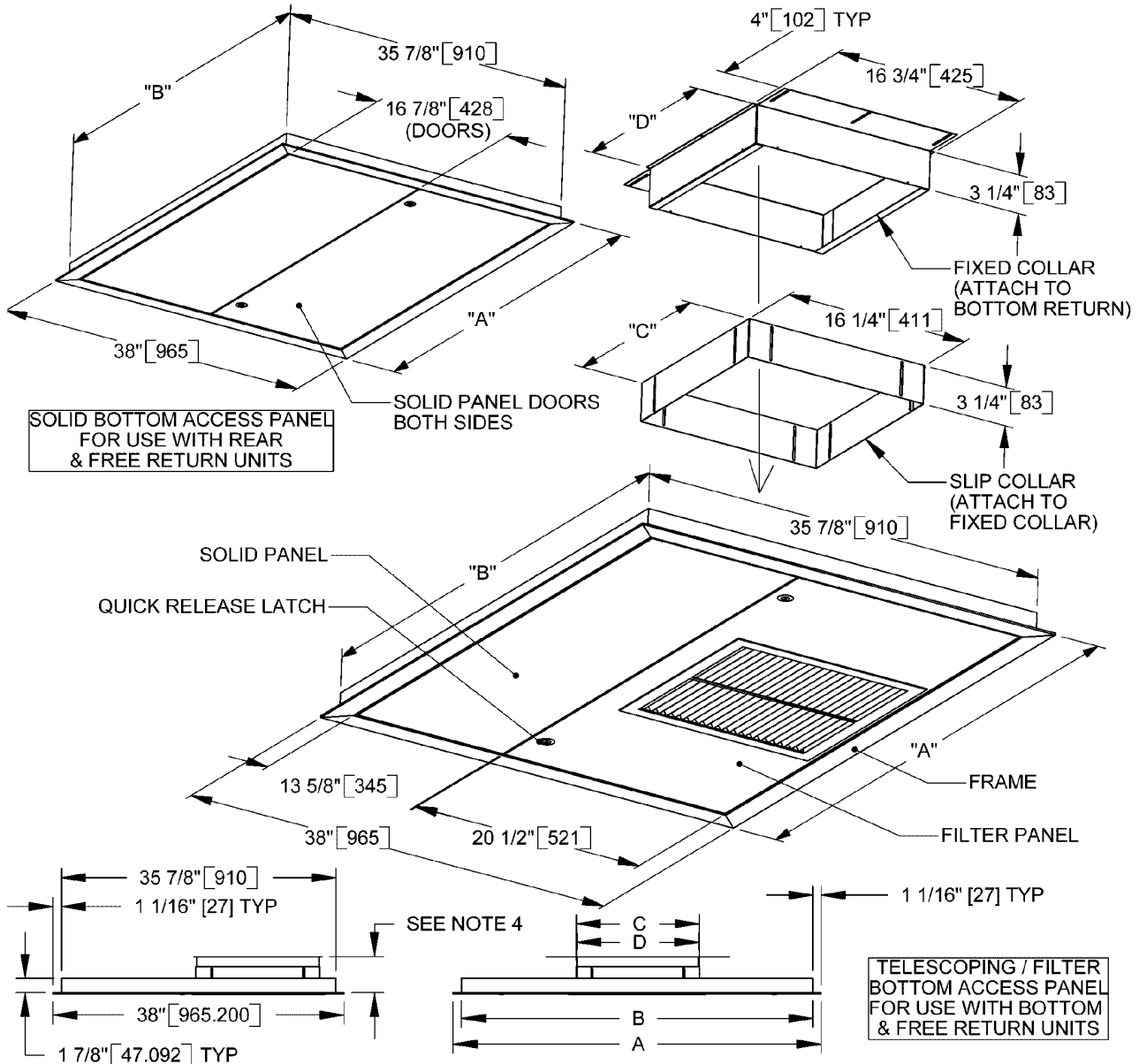


- NOTES:
1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
 2. INTERNAL HINGED ELECTRICAL ENCLOSURE NOT SHOWN
 3. OPTIONAL 1" OR 2" PLEATED FILTERS AVAILABLE (SHOWN) STANDARD 1" THROWAWAY FILTER NOT SHOWN
 4. 1-1/4" DUCT COLLAR STANDARD ON ALL DUCTED UNITS

INTERNAL CONTROL ENCLOSURE SIZES	
10 X 16 X 6	[250 X 406 X 152]
10 X 20 X 6	[250 X 500 X 152]

Figure 54: Model FNX – Exposed Cabinet Units

UNIT SIZE	"A"		"B"		"C"		"D"		RECOMMENDED CEILING CUT-OUT	
	in	mm	in	mm	in	mm	in	mm	in	mm
06	48	[1219]	45 7/8	[1164]	16	[408]	15 7/8	[404]	46 1/8 X 36 1/8	[1171 X 918]
08	53	[1346]	50 7/8	[1291]	20	[509]	19 7/8	[506]	51 1/8 X 36 1/8	[1298 X 918]
10	57	[1448]	54 7/8	[1392]	25	[636]	24 7/8	[633]	55 1/8 X 36 1/8	[1400 X 918]
12	62	[1575]	59 7/8	[1519]	32	[814]	31 7/8	[811]	60 1/8 X 36 1/8	[1527 X 918]
14	67	[1702]	64 7/8	[1646]	36	[916]	35 7/8	[912]	65 1/8 X 36 1/8	[1654 X 918]
16	72	[1829]	69 7/8	[1773]	40	[1017]	39 7/8	[1014]	70 1/8 X 36 1/8	[1781 X 918]
18	77	[1956]	74 7/8	[1900]	45	[1144]	44 7/8	[1141]	75 1/8 X 36 1/8	[1908 X 918]
20	81	[2057]	78 7/8	[2002]	50	[1271]	49 7/8	[1268]	79 1/8 X 36 1/8	[2009 X 918]



- NOTES:
1. ALL DIMENSIONS ARE IN INCHES [mm] AND ARE +/- 1/8"
 2. 1" TAW FILTER STANDARD. 1" OR 2" PLEATED FILTERS ARE OPTIONAL
 3. BOTTOM PANELS ARE REMOVABLE
 4. TOTAL TELESOPING ADJUSTMENT IS 3 1/2" TO 6 1/2"
 5. FILTER AND GRILLE SIZES ARE THE SAME FOR FOR EACH UNIT SIZE

Figure 55: Model FN – Telescoping/Filter and Solid Bottom Access Panels



Controls Group
507 E. Michigan Street
P.O. Box 423
Milwaukee, WI 53201

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