

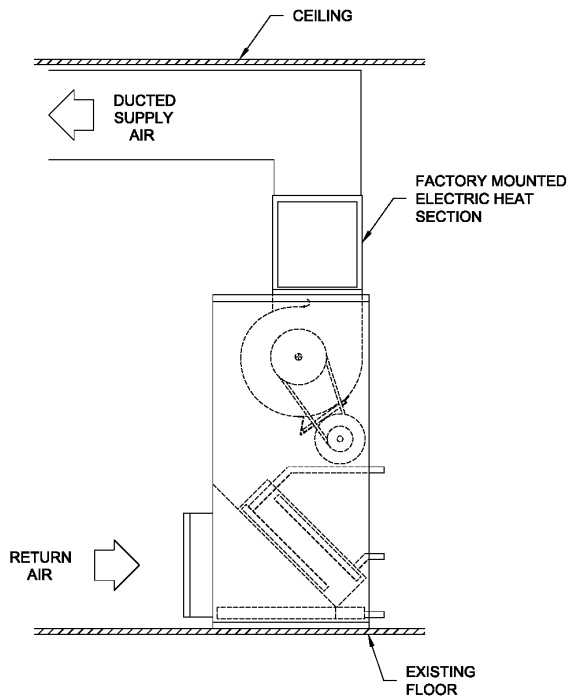
Vertical Reduced Footprint Belt Drive Blower Coil Units (Model ACB/ACR)

Model ACB/ACR Belt Drive Blower Coils give maximum flexibility for selection and installation where extreme space restrictions exist. The units are designed with a slant coil and all front access to minimize the space used for installation.

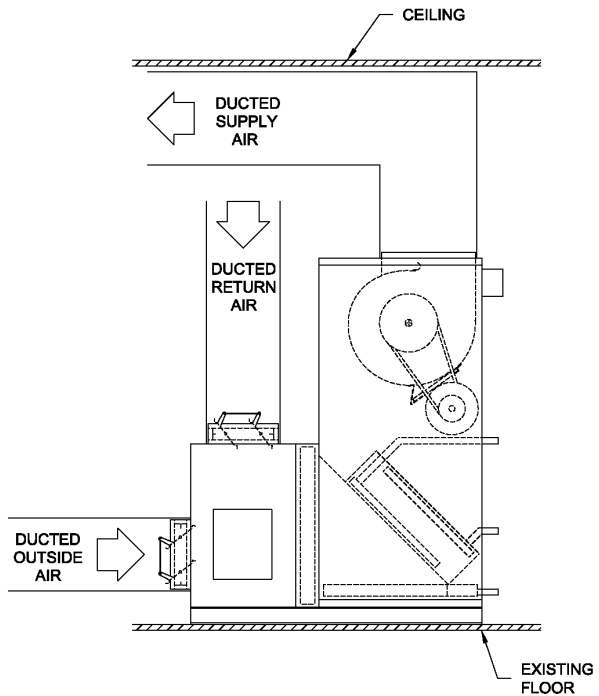


Figure 1: Model ACR Belt Drive Blower Coil Unit

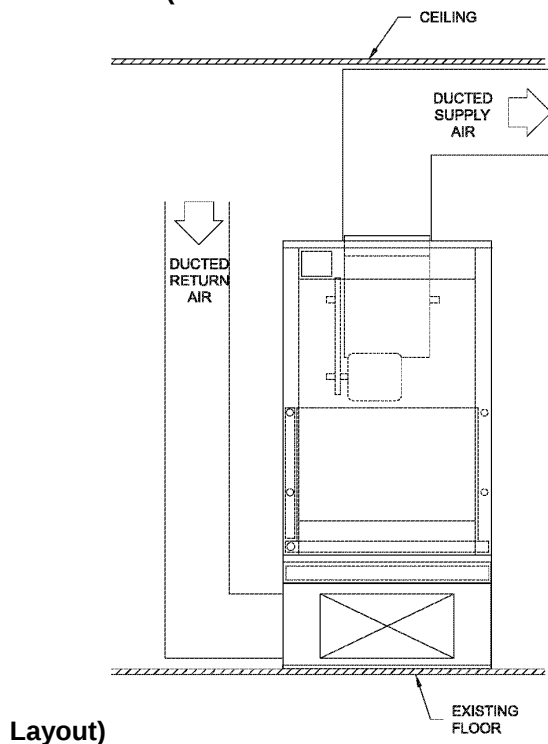
Typical Installations



**Figure 2: Model ACR with Electric Heat
(Mechanical Room)**

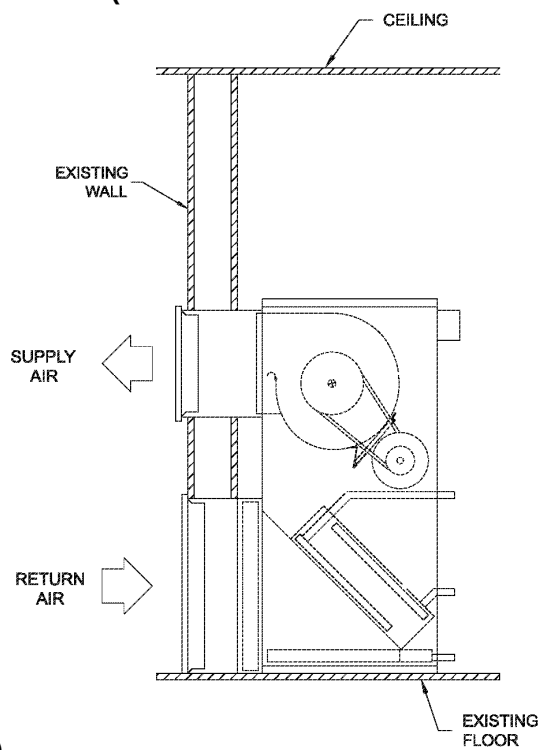


**Figure 4: Model ACM, Rear Return with Mixing Box
(Mechanical Room)**



Layout)

**Figure 3: Model ACB, Bottom Return
(Closet or Confined Space Layout)**



Layout)

**Figure 5: Model ACR, Rear Return
(Unit Handling Load in Adjacent Room)**

Coil and Filter Data

Table 1: Coil Face Area and Filter Data

Unit Size	Internal Cooling And Heating Coils	Discharge Section Heating Coils	2" Filters (Quantity) And Size		Filter Face Area
08	2.1 (0.20)	2.1 (0.20)	(1) 16" x 20" x 2"	(406 x 508 x 51)	2.2 (0.20)
12	2.8 (0.26)	2.1 (0.20)	(1) 20" x 20" x 2"	(508 x 508 x 51)	2.8 (0.26)
16	3.6 (0.33)	3.2 (0.30)	(1) 24" x 24" x 2"	(610 x 610 x 51)	4.0 (0.37)
20	4.8 (0.45)	3.2 (0.30)	(1) 24" x 24" x 2"	(610 x 610 x 51)	4.0 (0.37)
25	5.7 (0.53)	4.6 (0.43)	(1) 24" x 24" x 2" (1) 12" x 24" x 2"	(610 x 610 x 51) (305 x 610 x 51)	6.0 (0.56)
30	6.8 (0.63)	5.7 (0.53)	(1) 24" x 24" x 2" (1) 12" x 24" x 2"	(610 x 610 x 51) (305 x 610 x 51)	6.0 (0.56)

Notes:

Standard filters are 2" throwaway; optional filters are 2" pleated.

Filter sizes are nominal and standard size, measured in inches (millimeters).

Coil and filter face areas are measured in square feet (square meters).

Table 2: Nominal Coil Connection Sizes

Unit Size	Coil Type											
	Water				Steam				Refrigerant			
	1 Row	2 Row	4 Row	6 Row	1 Row		2 Row		4 Row		6 Row	
					Stm.	Cond.	Stm.	Cond.	Liq.	Suct.	Liq.	Suct.
08	5/8"	5/8"	7/8"	7/8"	1 1/8"	7/8"	1 1/8"	7/8"	5/8"	5/8"	5/8"	5/8"
	(16)	(16)	(22)	(22)	(29)	(22)	(29)	(22)	(16)	(16)	(16)	(16)
12	5/8"	5/8"	7/8"	7/8"	1 1/8"	7/8"	1 1/8"	7/8"	5/8"	7/8"	5/8"	7/8"
	(16)	(16)	(22)	(22)	(29)	(22)	(29)	(22)	(16)	(22)	(16)	(22)
16	5/8"	5/8"	7/8"	1 1/8"	1 1/8"	7/8"	1 3/8"	1 1/8"	5/8"	7/8"	5/8"	7/8"
	(16)	(16)	(22)	(29)	(29)	(22)	(35)	(29)	(16)	(22)	(16)	(22)
20	5/8"	5/8"	7/8"	1 1/8"	1 3/8"	1 1/8"	1 3/8"	1 1/8"	5/8"	7/8"	5/8"	7/8"
	(16)	(16)	(22)	(29)	(35)	(29)	(35)	(29)	(16)	(22)	(16)	(22)
25	5/8"	7/8"	1 1/8"	1 3/8"	1 3/8"	1 1/8"	1 5/8"	1 1/8"	5/8"	7/8"	5/8"	1 1/8"
	(16)	(22)	(29)	(35)	(35)	(29)	(41)	(29)	(16)	(22)	(16)	(29)
30	7/8"	7/8"	1 1/8"	1 3/8"	1 5/8"	1 1/8"	1 5/8"	1 1/8"	5/8"	1 1/8"	5/8"	1 1/8"
	(22)	(22)	(29)	(35)	(41)	(29)	(41)	(29)	(16)	(29)	(16)	(29)

Notes:

Water coils are based on standard Gallons Per Minute (GPM) circuiting. Consult the factory for applications requiring special circuiting.

Refrigerant coil connection sizes for single circuit coils and may vary with application. Contact the factory for double circuit coils.

All dimensional data is Outside Diameter (OD), measured in inches (millimeters).

Fan Performance Data

Table 3: 60 Hz Motor Fan Performance Data

TSP (in-wg)	Unit Size	08					12					16				
	Actual CFM	600	700	800	900	1000	1000	1100	1200	1300	1400	1400	1500	1600	1700	1800
2.4	RPM	-	-	-	-	1746	-	-	-	-	1710	-	-	-	-	-
	BHP	-	-	-	-	0.70	-	-	-	-	1.02	-	-	-	-	-
2.2	RPM	-	-	-	1670	1674	-	-	-	1638	1638	-	-	-	-	1415
	BHP	-	-	-	0.57	0.65	-	-	-	0.87	0.95	-	-	-	-	1.08
2.0	RPM	-	-	-	1594	1598	-	-	-	1561	1568	-	-	-	1349	1353
	BHP	-	-	-	0.52	0.59	-	-	-	0.79	0.88	-	-	-	0.92	0.99
1.8	RPM	-	-	1510	1514	1524	-	-	1481	1485	1494	-	-	1279	1283	1287
	BHP	-	-	0.41	0.47	0.55	-	-	0.66	0.73	0.81	-	-	0.78	0.84	0.91
1.6	RPM	-	-	1425	1430	1446	-	1397	1397	1406	1415	-	1206	1210	1214	1218
	BHP	-	-	0.37	0.43	0.50	-	0.53	0.59	0.66	0.74	-	0.65	0.70	0.76	0.82
1.4	RPM	-	1331	1335	1347	1366	-	1306	1314	1323	1335	1128	1132	1136	1140	1149
	BHP	-	0.28	0.33	0.39	0.45	-	0.47	0.53	0.60	0.67	0.53	0.58	0.63	0.68	0.75
1.2	RPM	-	1235	1242	1259	1283	1209	1216	1225	1236	1249	1048	1052	1057	1067	1077
	BHP	-	0.24	0.29	0.34	0.40	0.37	0.42	0.47	0.53	0.59	0.46	0.51	0.55	0.61	0.67
1.0	RPM	1125	1129	1145	1168	1200	1109	1118	1130	1144	1163	962	969	979	988	1002
	BHP	0.17	0.21	0.25	0.30	0.36	0.32	0.36	0.41	0.47	0.53	0.40	0.44	0.49	0.54	0.60
0.8	RPM	1009	1022	1044	1075	1113	1002	1014	1030	1049	1073	872	882	895	909	923
	BHP	0.14	0.17	0.21	0.26	0.32	0.26	0.31	0.35	0.40	0.47	0.34	0.38	0.42	0.47	0.52
0.6	RPM	884	906	939	979	1024	885	903	926	951	984	777	791	806	822	838
	BHP	0.11	0.14	0.18	0.22	0.28	0.21	0.25	0.30	0.35	0.41	0.28	0.32	0.36	0.40	0.45
Fan Size		0904R					0906R					1008R				
Coil Face Area		2.1					2.7					3.5				
FPM @ CFM		286	333	381	429	476	370	407	444	481	519	400	429	457	486	514
Continued on next page . . .																

TSP (in-wg) (Cont.)	Unit Size	20					25					30				
	Actual CFM	1800	1950	2100	2250	2400	2400	2500	2600	2700	2800	3600	3800	4000	4200	4400
2.4	RPM	-	-	-	-	1507	-	-	-	-	-	-	-	-	1021	1023
	BHP	-	-	-	-	1.60	-	-	-	-	-	-	-	-	2.00	2.15
2.2	RPM	-	-	-	1441	1446	-	-	-	-	-	-	-	977	979	980
	BHP	-	-	-	1.37	1.49	-	-	-	-	-	-	-	1.72	1.86	1.99
2.0	RPM	-	-	1373	1377	1382	-	-	-	-	-	-	932	933	934	937
	BHP	-	-	1.15	1.26	1.37	-	-	-	-	-	-	1.46	1.58	1.71	1.85
1.8	RPM	-	-	1305	1310	1315	-	-	-	-	896	-	885	886	888	892
	BHP	-	-	1.05	1.15	1.25	-	-	-	-	1.33	-	1.33	1.44	1.57	1.71
1.6	RPM	-	1230	1234	1239	1251	-	-	844	846	847	834	835	837	841	844
	BHP	-	0.87	0.95	1.04	1.16	-	-	1.09	1.15	1.21	1.10	1.20	1.31	1.43	1.56
1.4	RPM	1150	1154	1159	1170	1182	-	790	792	794	796	781	783	787	790	794
	BHP	0.70	0.77	0.85	0.95	1.05	-	0.93	0.98	1.04	1.09	0.98	1.08	1.18	1.29	1.41
1.2	RPM	1068	1073	1085	1097	1114	733	735	737	739	741	726	729	732	737	743
	BHP	0.61	0.68	0.76	0.85	0.96	0.78	0.82	0.87	0.92	0.97	0.86	0.96	1.05	1.16	1.27
1.0	RPM	981	993	1006	1024	1042	673	675	677	679	682	666	670	676	681	687
	BHP	0.52	0.60	0.67	0.76	0.86	0.67	0.71	0.75	0.79	0.84	0.75	0.83	0.93	1.02	1.12
0.8	RPM	892	908	926	947	969	607	610	613	617	621	602	608	614	622	631
	BHP	0.45	0.52	0.59	0.68	0.77	0.56	0.60	0.64	0.68	0.72	0.64	0.72	0.79	0.89	0.99
0.6	RPM	800	820	842	865	889	536	540	544	548	553	532	541	550	559	570
	BHP	0.38	0.44	0.51	0.59	0.68	0.46	0.50	0.53	0.57	0.61	0.52	0.60	0.67	0.76	0.85
FAN SIZE		1010R					1509R					1511R				
COIL FACE AREA		4.9					6.5					8.4				
FPM @ CFM		367	398	428.6	459.2	489.8	369	385	400	415	431	429	452	476	500	524

Notes:

Consult the factory for applications at operating conditions not shown above.

Fan motor voltage, fan rotation, and fan RPM may require field setting/adjustment.

Drive losses not included in fan performance.

Fan Performance Curves

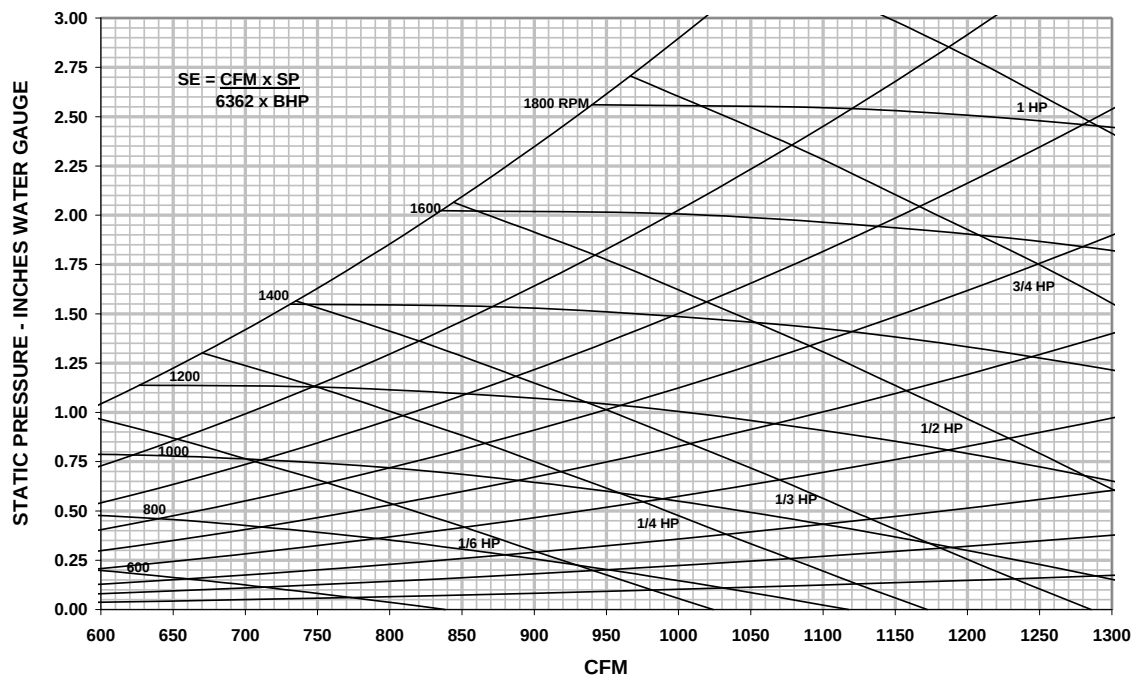


Figure 6: Unit Size 08 (Fan 0904R)

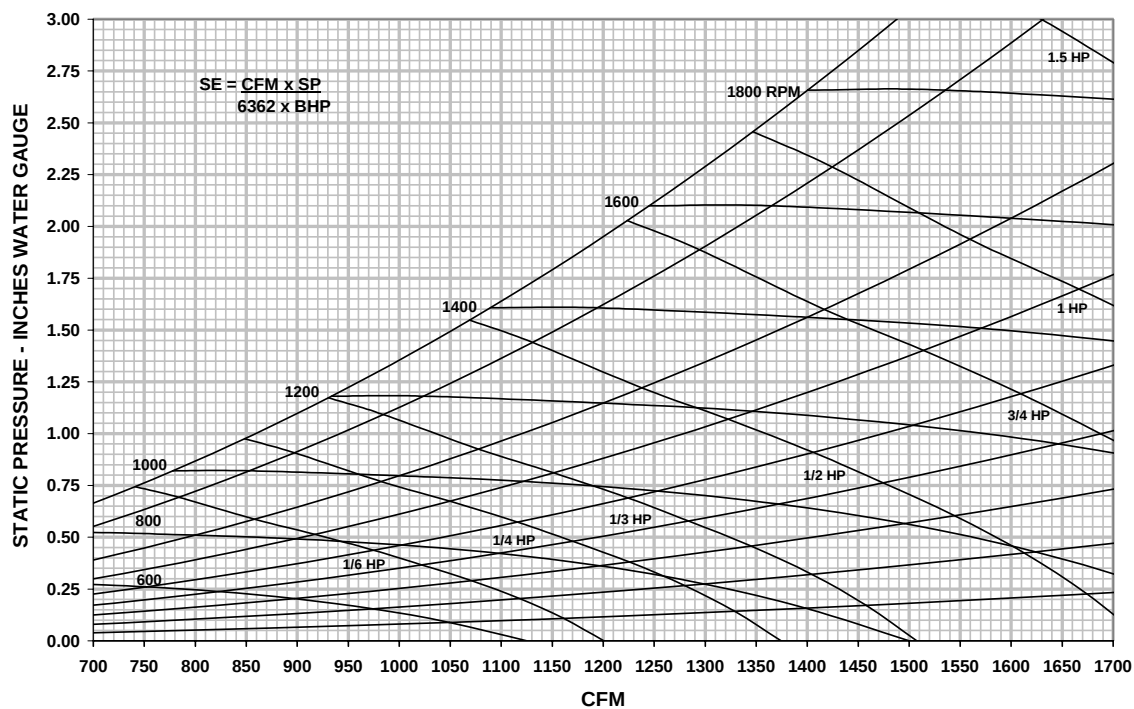


Figure 7: Unit Size 12 (Fan 0906R)

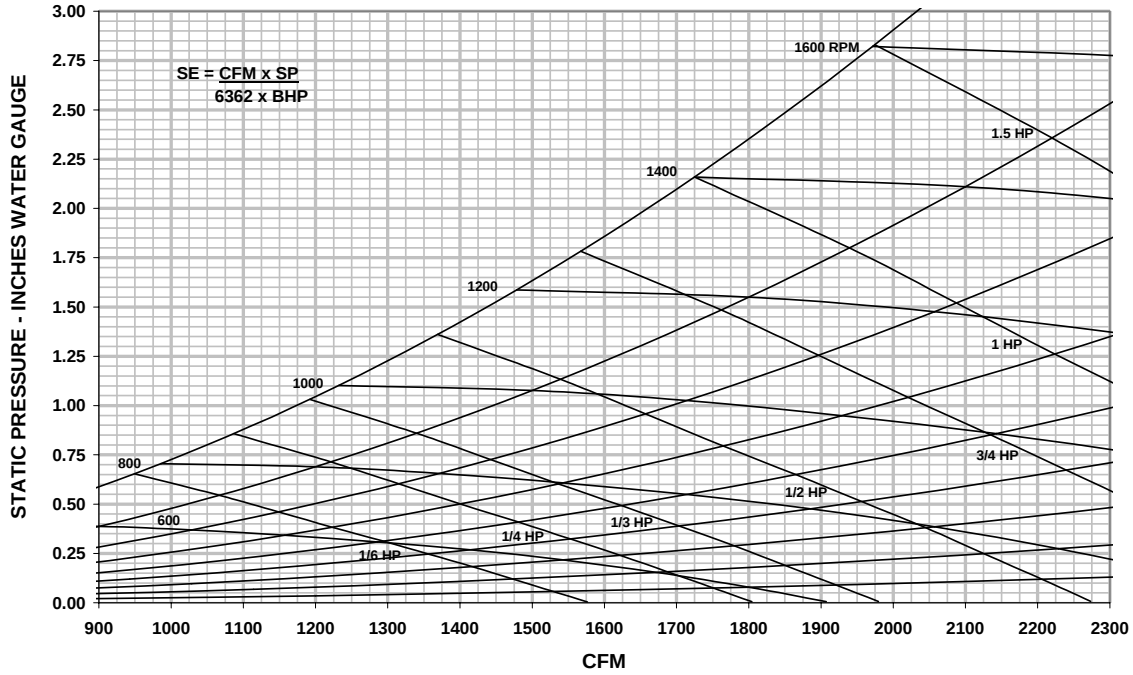


Figure 8: Unit Size 16 (Fan 1008R)

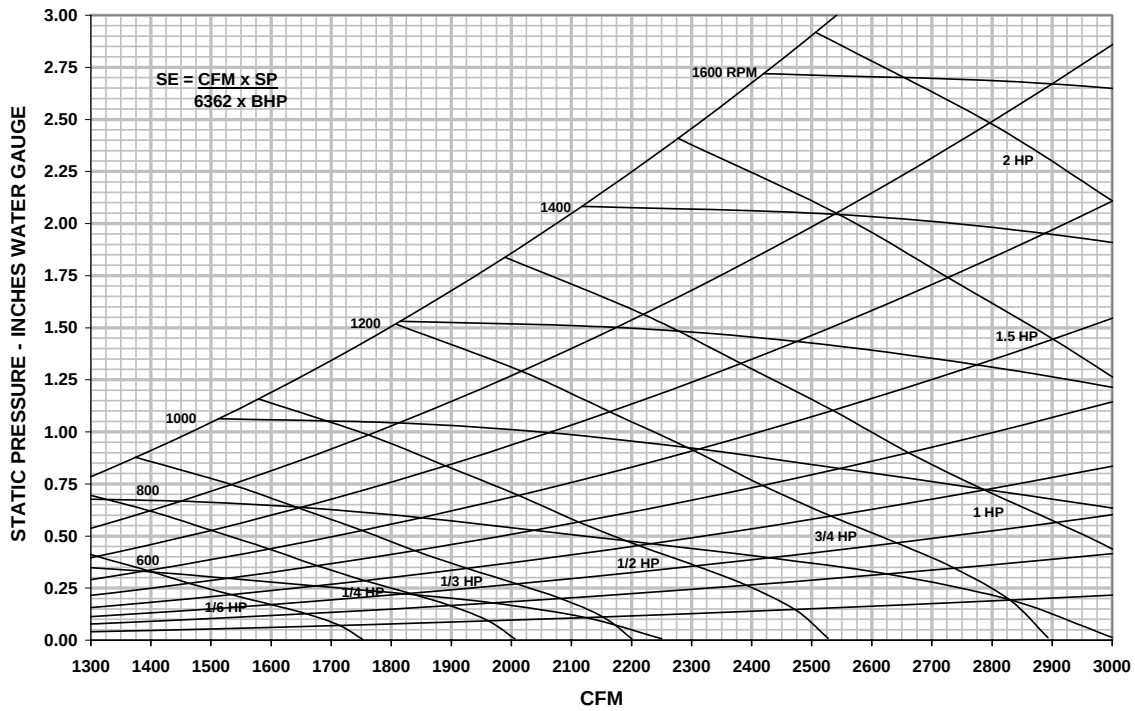


Figure 9: Unit Size 20 (Fan 1010R)

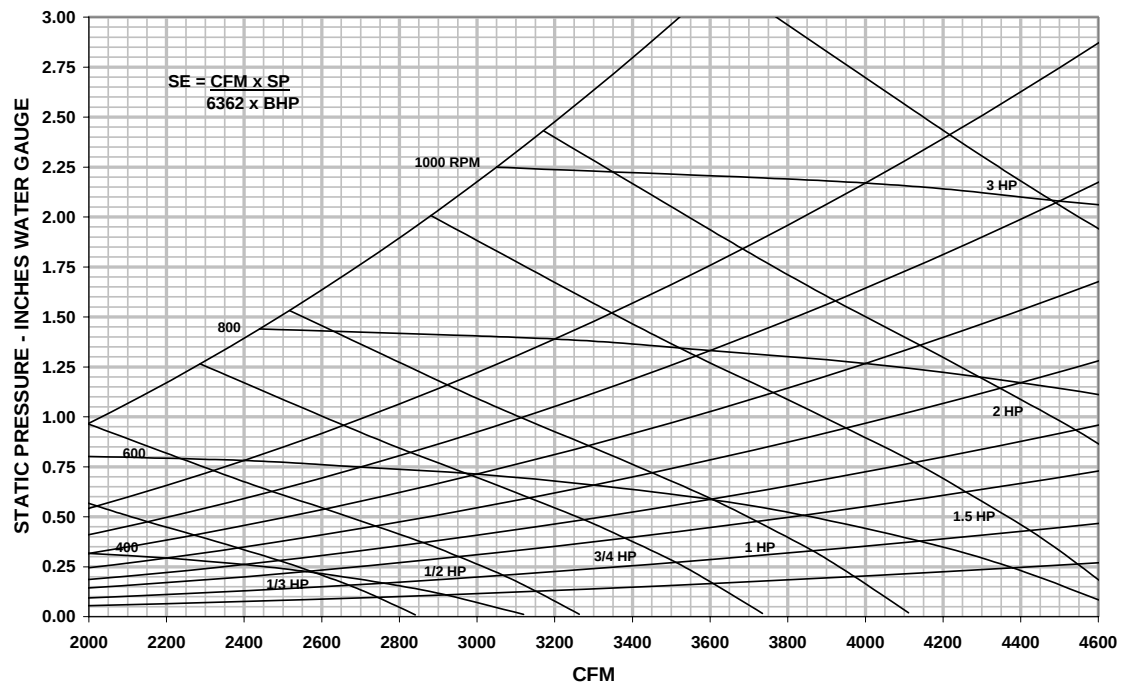


Figure 10: Unit Size 25 (Fan 1509R)

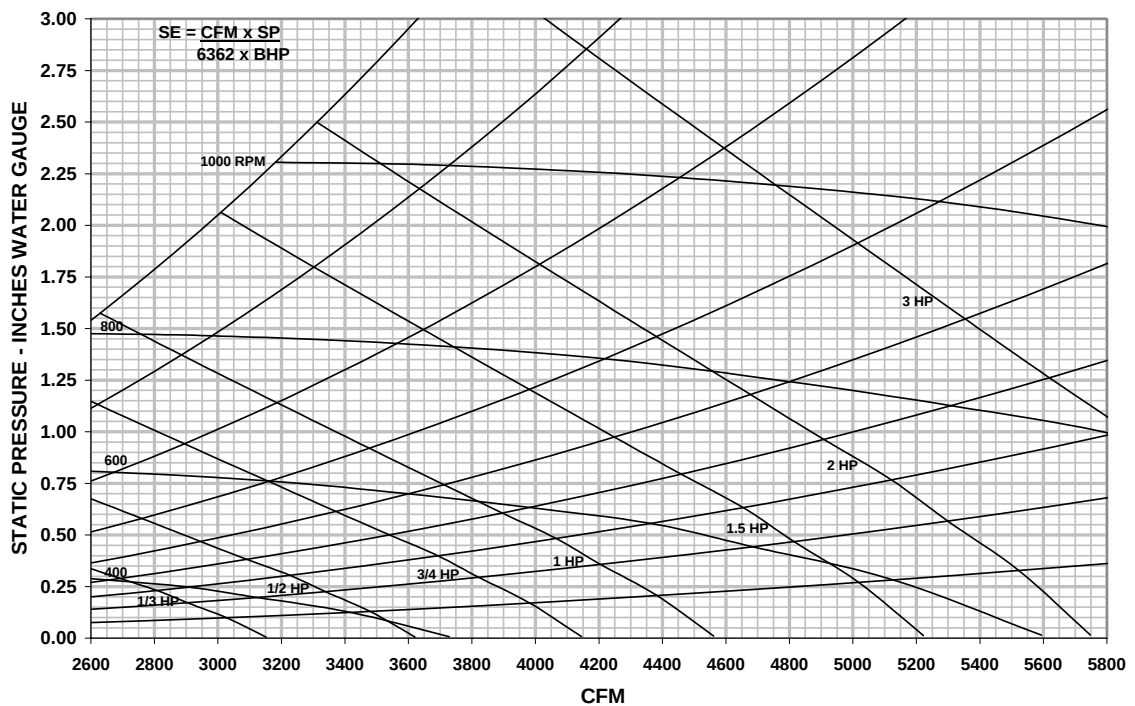


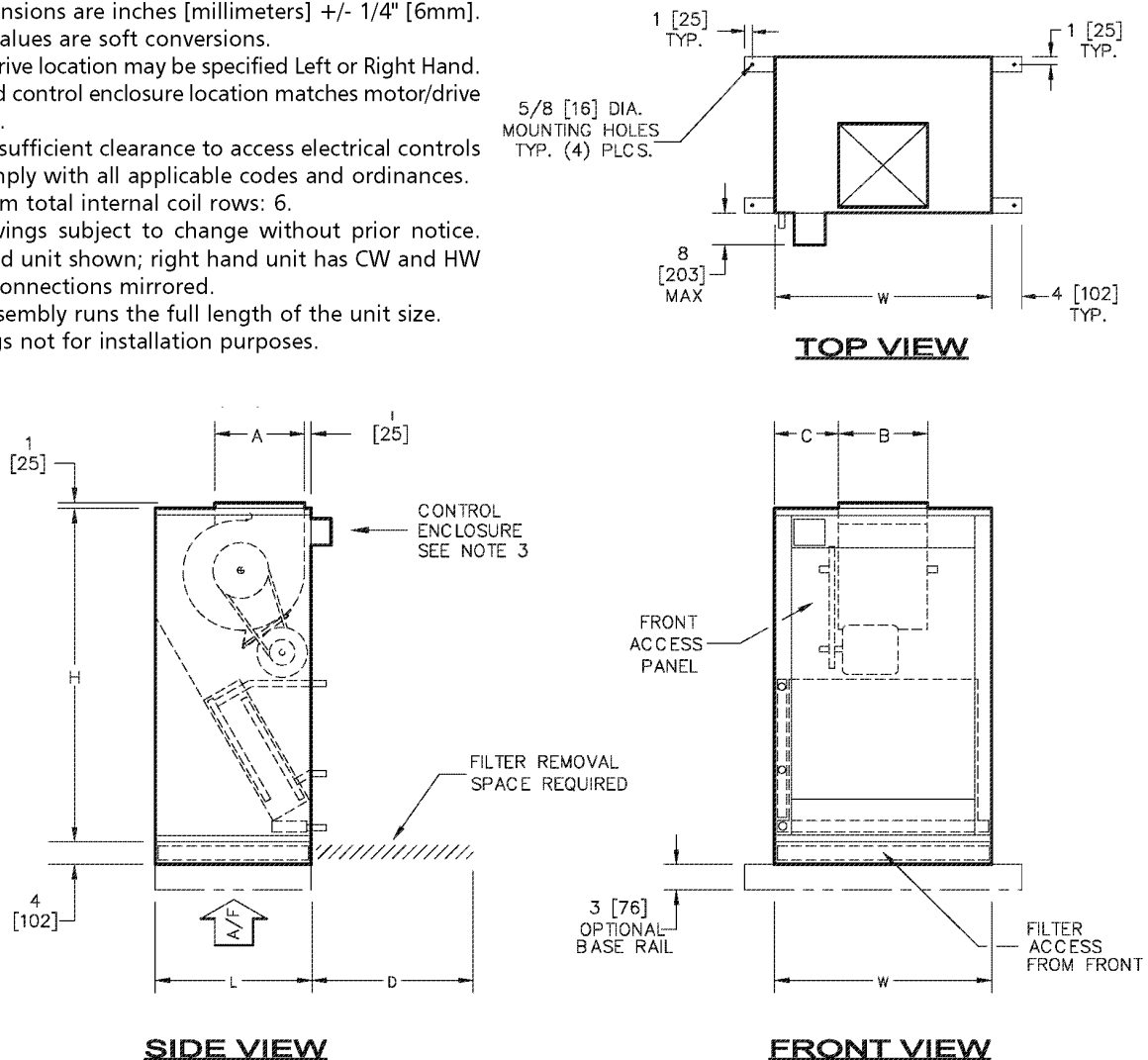
Figure 11: Unit Size 30 (Fan 1511R)

Dimensional Data

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

NOTES:

1. All dimensions are inches [millimeters] +/- 1/4" [6mm]. Metric values are soft conversions.
2. Motor/drive location may be specified Left or Right Hand. Standard control enclosure location matches motor/drive position.
3. Provide sufficient clearance to access electrical controls and comply with all applicable codes and ordinances.
4. Maximum total internal coil rows: 6.
5. All drawings subject to change without prior notice.
6. Left hand unit shown; right hand unit has CW and HW piping connections mirrored.
7. Filter assembly runs the full length of the unit size.
8. Drawings not for installation purposes.



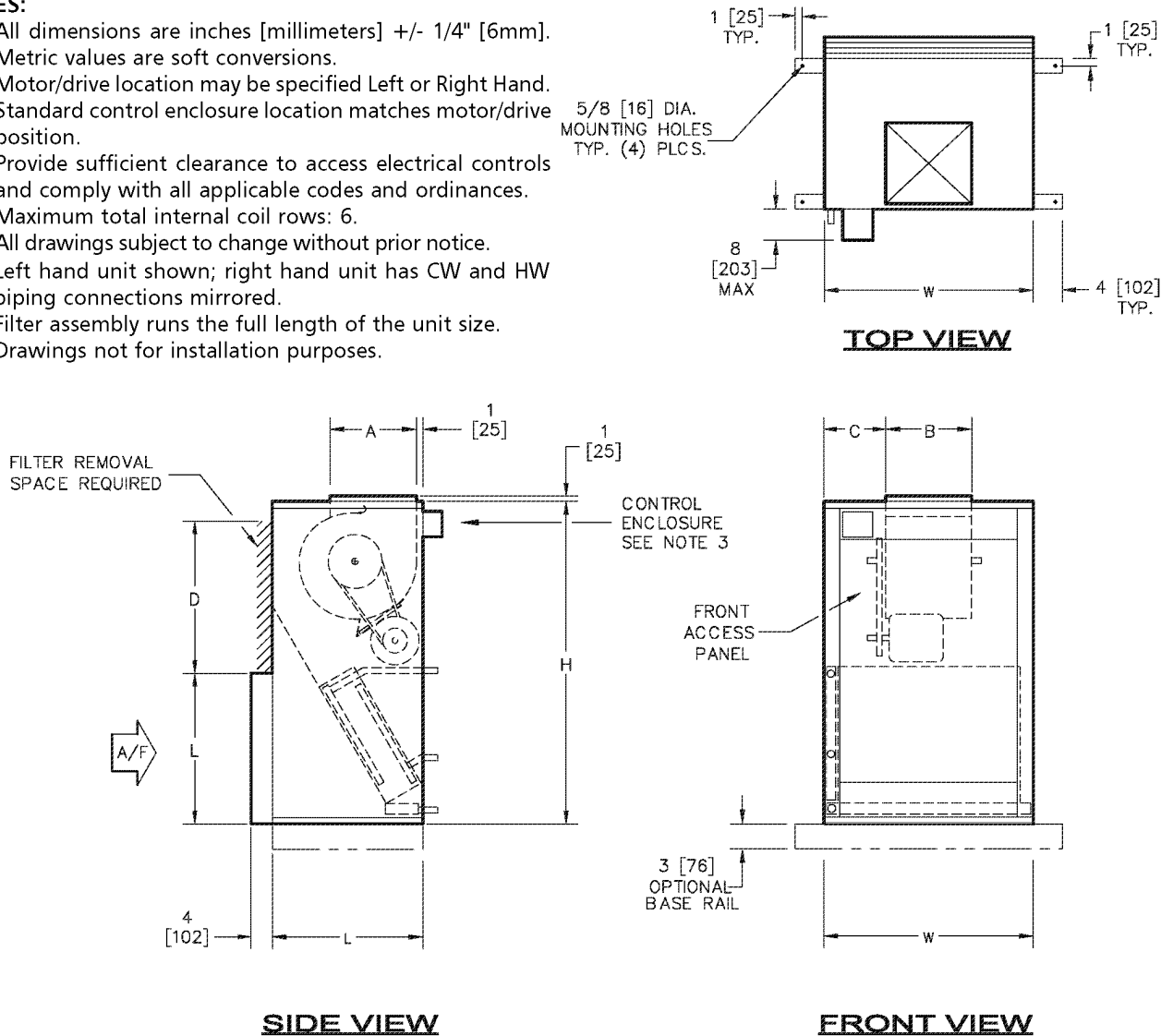
DIMENSIONS - In [mm]

UNIT SIZE	FILTER SIZE	QTY	H	W	L	A	B	C	D
08	16 X 20 X 2 [406 X 508 X 51]	1	46 [1168]	26 [660]	19 [483]	10-1/4 [260]	6-7/8 [175]	9-9/16 [243]	16 [406]
12	20 X 20 X 2 [508 X 508 X 51]	1	46 [1168]	26 [660]	21 [533]	10-1/4 [260]	8-1/4 [210]	8-7/8 [225]	20 [508]
16	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	25 [635]	11-3/8 [289]	10-1/4 [260]	9-3/8 [238]	24 [610]
20	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	28 [711]	11-3/8 [289]	13-1/4 [337]	7-7/8 [200]	24 [610]
25	24 X 24 X 2 [610 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	12-7/8 [327]	13-1/16 [332]	24 [610]
30	12 X 24 X 2 [305 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	15 [381]	12 [305]	24 [610]

Figure 12: Model ACB (Bottom Return)

NOTES:

1. All dimensions are inches [millimeters] +/- 1/4" [6mm]. Metric values are soft conversions.
2. Motor/drive location may be specified Left or Right Hand. Standard control enclosure location matches motor/drive position.
3. Provide sufficient clearance to access electrical controls and comply with all applicable codes and ordinances.
4. Maximum total internal coil rows: 6.
5. All drawings subject to change without prior notice.
6. Left hand unit shown; right hand unit has CW and HW piping connections mirrored.
7. Filter assembly runs the full length of the unit size.
8. Drawings not for installation purposes.



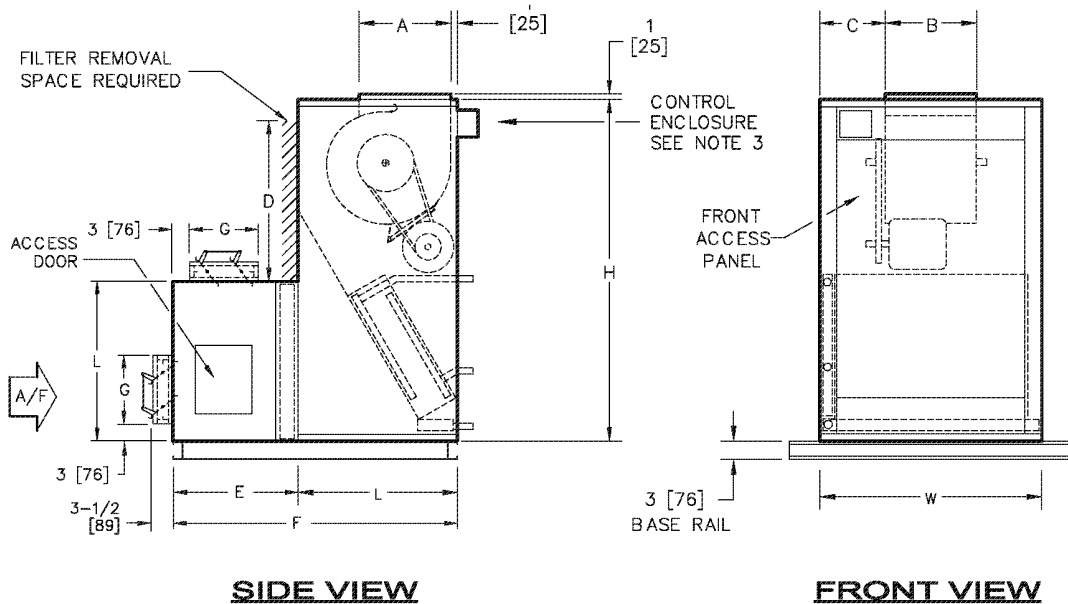
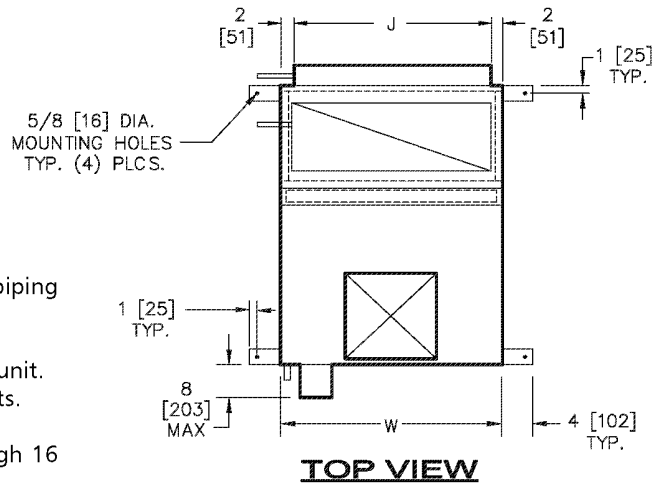
DIMENSIONS - In [mm]

UNIT SIZE	FILTER SIZE	QTY	H	W	L	A	B	C	D
08	16 X 20 X 2 [406 X 508 X 51]	1	46 [1168]	26 [660]	19 [483]	10-1/4 [260]	6-7/8 [175]	9-9/16 [243]	16 [406]
12	20 X 20 X 2 [508 X 508 X 51]	1	46 [1168]	26 [660]	21 [533]	10-1/4 [260]	8-1/4 [210]	8-7/8 [225]	20 [508]
16	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	25 [635]	11-3/8 [289]	10-1/4 [260]	9-3/8 [238]	24 [610]
20	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	28 [711]	11-3/8 [289]	13-1/4 [337]	7-7/8 [200]	24 [610]
25	24 X 24 X 2 [610 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	12-7/8 [327]	13-1/16 [332]	24 [610]
30	12 X 24 X 2 [305 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	15 [381]	12 [305]	24 [610]

Figure 13: Model ACR (Rear Return)

NOTES:

1. All dimensions are inches [millimeters] +/- 1/4" [6mm]. Metric values are soft conversions.
2. Motor/drive location may be specified Left or Right Hand. Standard control enclosure location matches motor/drive position.
3. Provide sufficient clearance to access electrical controls and comply with all applicable codes and ordinances.
4. Maximum total internal coil rows: 6.
5. All drawings subject to change without prior notice.
6. Left hand unit shown; right hand unit has CW and HW piping connections mirrored.
7. Filter assembly runs the full length of the unit size.
8. Damper drive rods are external, located on both sides of unit.
9. Damper blade-to-blade linkage may extend into inlet ducts.
10. Base rail shown is required on ACM units.
11. Parallel blade operation is standard. Unit sizes 08 through 16 have single blade dampers.
12. Drawings not for installation purposes.



DIMENSIONS - In [mm]

UNIT SIZE	FILTER SIZE	QTY	H	W	L	A	B	C	D	E	F	G	J
08	16 X 20 X 2 [406 X 508 X 51]	1	46 [1168]	26 [660]	19 [483]	10-1/4 [260]	6-7/8 [175]	9-9/16 [243]	16 [406]	15 [381]	35 [889]	6 [152]	22 [559]
12	20 X 20 X 2 [508 X 508 X 51]	1	46 [1168]	26 [660]	21 [533]	10-1/4 [260]	8-1/4 [210]	8-7/8 [225]	20 [508]	18 [457]	40 [1016]	9 [229]	22 [559]
16	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	25 [635]	11-3/8 [289]	10-1/4 [260]	9-3/8 [238]	24 [610]	18 [457]	44 [1118]	9 [229]	25 [635]
20	24 X 24 X 2 [610 X 610 X 51]	1	54 [1372]	29 [737]	28 [711]	11-3/8 [289]	13-1/4 [337]	7-7/8 [200]	24 [610]	21 [533]	50 [1270]	12 [305]	25 [635]
25	24 X 24 X 2 [610 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	12-7/8 [327]	13-1/16 [332]	24 [610]	21 [533]	50 [1270]	12 [305]	35 [889]
30	12 X 24 X 2 [305 X 610 X 51]	1 EACH	60 [1524]	39 [991]	28 [711]	16 [406]	15 [381]	12 [305]	24 [610]	21 [533]	50 [1270]	12 [305]	35 [889]

Figure 14: Model ACM with Inlet Damper Section

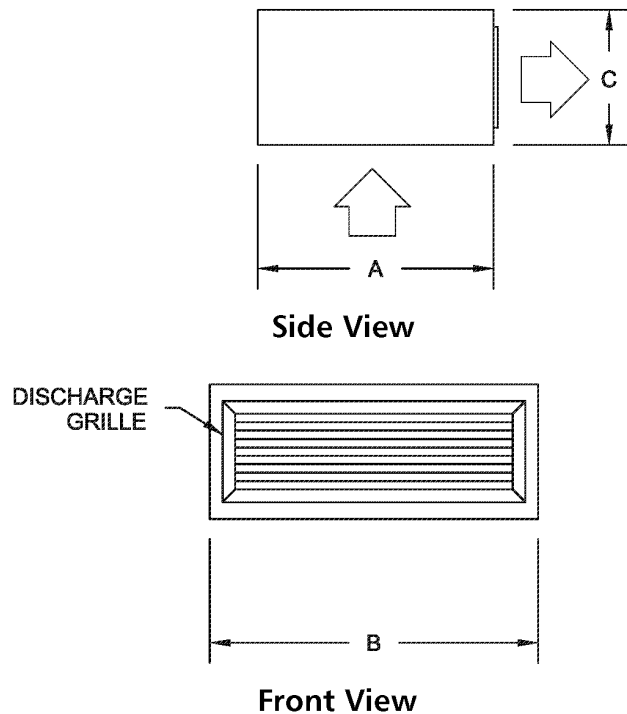


Figure 15: Discharge Plenum with Double Deflection Grille (ACB and ACR)
Table 4: Discharge Plenum with Double Deflection Grille – Dimensional Data

UNIT SIZE	A	B	C	SUPPLY GRILLE
08	19 [483]	26 [660]	12 [305]	18 X 8 [457 X 203]
12	21 [533]	26 [660]	12 [305]	22 X 8 [559 X 203]
16	25 [635]	29 [737]	14 [356]	24 X 10 [610 X 254]
20	28 [711]	29 [737]	16 [406]	24 X 12 [610 X 305]
25	28 [711]	39 [991]	16 [406]	30 X 12 [762 X 305]
30	28 [711]	39 [991]	16 [406]	36 X 12 [914 X 305]

Notes:

All dimensions are inches (millimeters) +/- 1/4" (6 mm).
Metric values are soft conversions.

All drawings subject to change without prior notice.

Discharge plenum shipped attached to unit.

Discharge plenum includes double deflection discharge grille; location is front as shown.

Discharge plenum may not be combined with blow through electric heat.

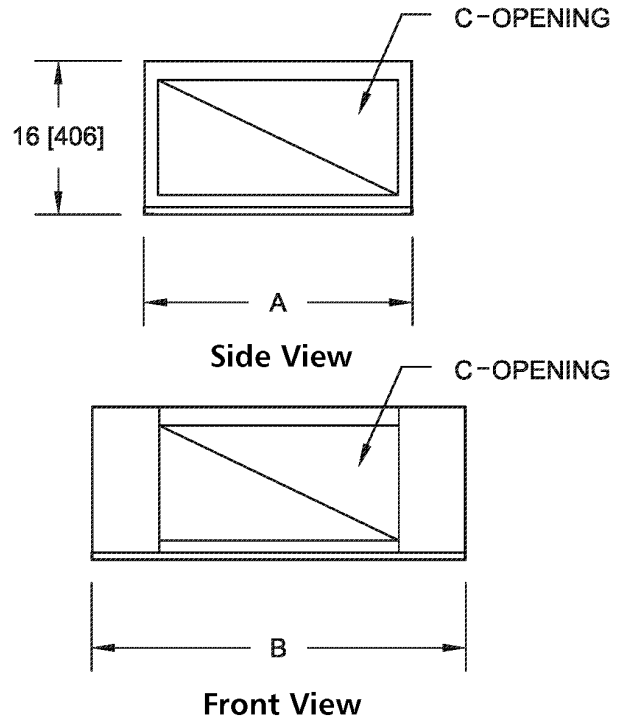


Figure 16: Return Plenum (Model ACP)

Table 5: Return Plenum – Dimensional Data

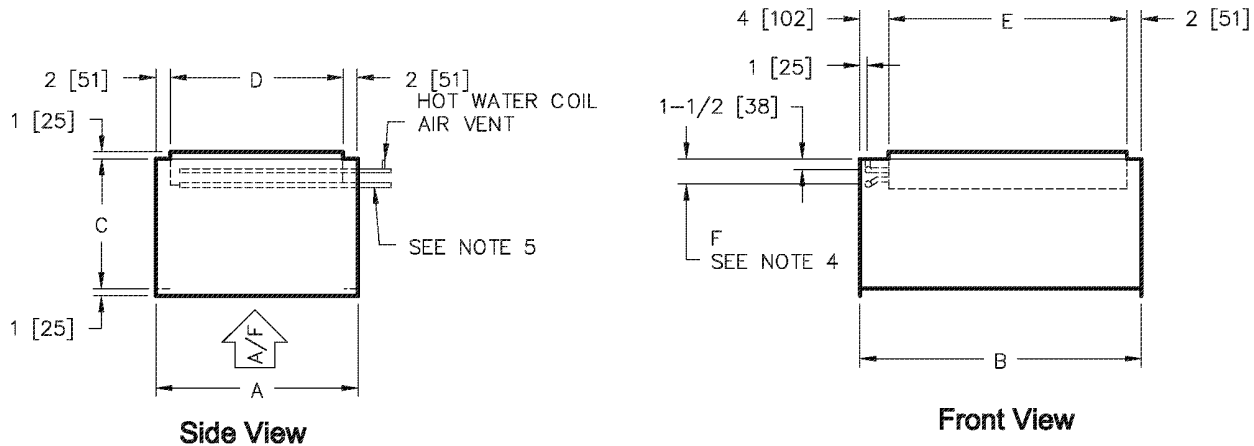
UNIT SIZE	A	B	C-OPENING
08	19 [483]	26 [660]	9 X 16 [229 X 406]
12	21 [533]	26 [660]	9 X 18 [229 X 457]
16	25 [635]	29 [737]	9 X 22 [229 X 559]
20	28 [711]	29 [737]	12 X 22 [305 X 559]
25	28 [711]	39 [991]	12 X 25 [305 X 635]
30	28 [711]	39 [991]	12 X 25 [305 X 635]

Notes:

All dimensions are inches (millimeters) +/- 1/4" (6 mm).
Metric values are soft conversions.

All drawings subject to change without prior notice.

Bottom and back panels are fixed. Both side panels are removable and can be used to cover the front opening.



DIMENSIONS - In [mm]

UNIT SIZE	A	B	C	D	E	F (4)				WGT. (3) lbs. [kg]
						HOT WATER		STEAM		
						1 ROW	2 ROW	1 ROW	2 ROW	
08	19 [483]	26 [660]	12 [305]	15 [381]	20 [508]	2-3/4 [70]	2-3/4 [70]	2-3/4 [70]	2-3/4 [70]	35 [16]
12	21 [533]	26 [660]	12 [305]	17 [432]	20 [508]	2-3/4 [70]	2-3/4 [70]	2-3/4 [70]	2-3/4 [70]	37 [17]
16	25 [635]	29 [737]	14 [356]	21 [533]	23 [584]	2-3/4 [70]	3 [76]	2-3/4 [70]	3-1/4 [83]	49 [22]
20	28 [711]	29 [737]	14 [356]	24 [610]	23 [584]	2-3/4 [70]	3 [76]	3-1/4 [83]	3-1/4 [83]	53 [24]
25	28 [711]	39 [991]	18 [457]	24 [610]	33 [838]	2-3/4 [70]	3 [76]	3-1/4 [83]	3-3/4 [95]	76 [35]
30	28 [711]	39 [991]	18 [457]	24 [610]	33 [838]	3 [76]	3-1/4 [83]	3-3/4 [95]	3-3/4 [95]	80 [36]

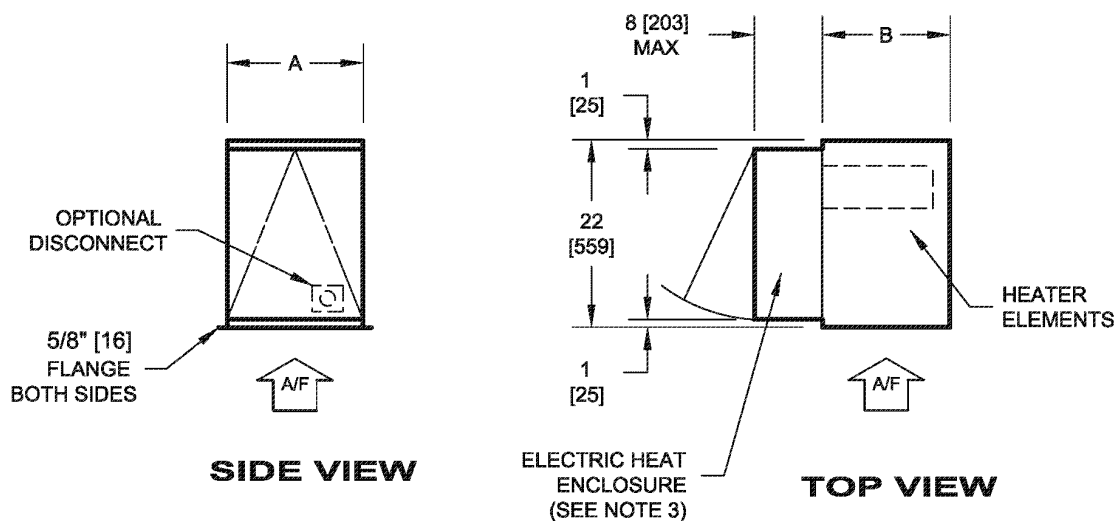
COIL CONNECTION SIZES

UNIT SIZE	HOT WATER		STEAM			
	1 ROW	2 ROW	1 ROW		2 ROW	
			SUPPLY	CONDENSATE	SUPPLY	CONDENSATE
08	5/8 [16]	5/8 [16]	1-1/8 [29]	7/8 [22]	1-1/8 [29]	7/8 [22]
12	5/8 [16]	5/8 [16]	1-1/8 [29]	7/8 [22]	1-1/8 [29]	7/8 [22]
16	5/8 [16]	5/8 [16]	1-1/8 [29]	7/8 [22]	1-3/8 [35]	1-1/8 [29]
20	5/8 [16]	5/8 [16]	1-3/8 [35]	1-1/8 [29]	1-3/8 [35]	1-1/8 [29]
25	5/8 [16]	7/8 [22]	1-3/8 [35]	1-1/8 [29]	1-5/8 [41]	1-1/8 [29]
30	7/8 [22]	7/8 [22]	1-5/8 [41]	1-1/8 [29]	1-5/8 [41]	1-1/8 [29]

NOTES:

1. All dimensions are inches [millimeters] +/- 1/4" [6mm]. Metric values are soft conversions.
2. This section required with 6 row cooling in conjunction with hot water and all steam heating.
3. Weight with 2 row dry coil.
4. Coil connection dimension + 1/2" [13mm].
5. **Hot Water Coils:** Supply, bottom; Return, top. **Steam Coils:** Supply, top; Condensate, bottom.
6. Discharge section may not be combined with blow thru electric heat.
7. All drawings subject to change without notice.

Figure 17: Discharge Section with Heating Coil (ACB and ACR)



Dimensional Data

UNIT SIZE	A	B	Weight lbs [kg]
08	11-7/8 [302]	8-7/8 [225]	42 [19]
12	11-7/8 [302]	8-7/8 [225]	42 [19]
16	12 [305]	10-7/8 [276]	42 [19]
20	12 [305]	13-7/8 [352]	50 [23]
25	16-5/8 [422]	13-7/8 [352]	55 [25]
30	16-5/8 [422]	15-5/8 [397]	55 [25]

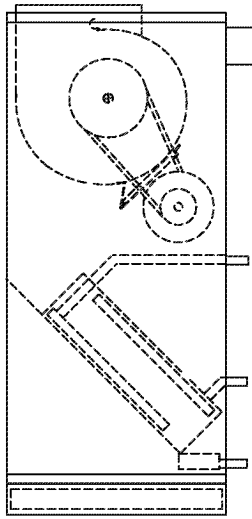
NOTES:

1. All dimensions are inches [millimeters] +/- 1/4" [6mm]. Metric values are soft conversions.
2. Motor/drive location may be specified Left or Right Hand. Standard control enclosure location matches motor/drive position.
3. Provide sufficient clearance to permit access to controls and comply with applicable codes and ordinances.
4. Available for vertical discharge only.

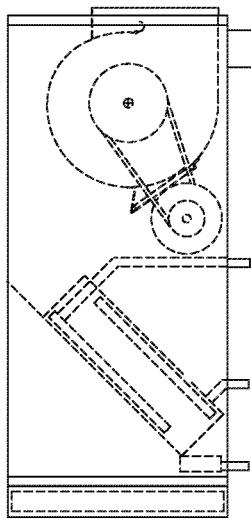
Figure 18: Blow-Through Electric Heat (ACB and ACR)

Unit Discharge Options

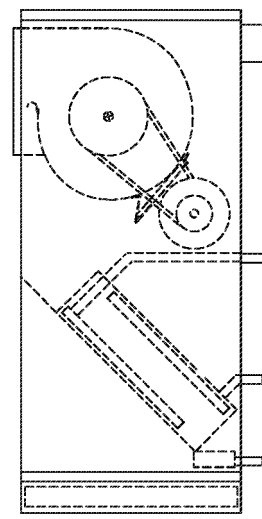
Model ACB



**Figure 19: Reverse Rotation
(Arrangement 1)**

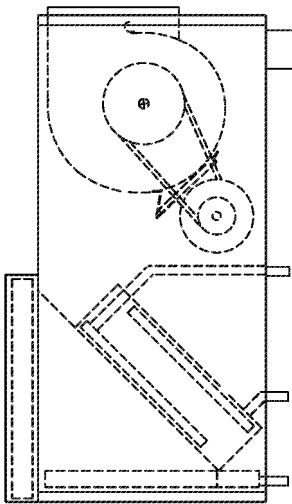


**Figure 20: Standard Rotation
(Arrangement 2)**

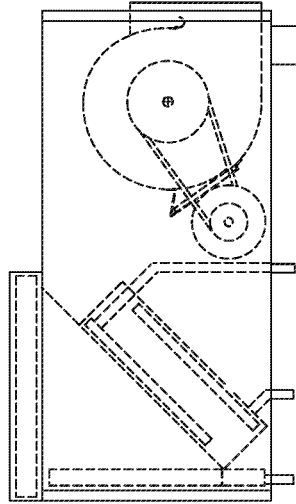


**Figure 21: Horizontal Rear
Discharge (Arrangement 7)**

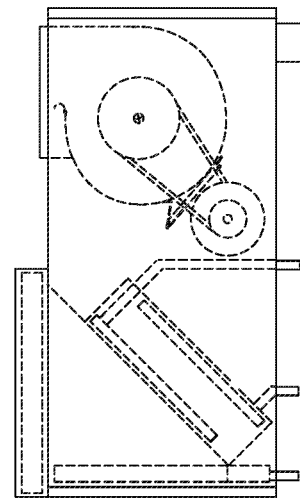
Model ACR



**Figure 22: Reverse Rotation
(Arrangement 1)**



**Figure 23: Standard Rotation
(Arrangement 2)**



**Figure 24: Horizontal Rear
Discharge (Arrangement 7)**

Notes:

See *Dimensional Data* for unit dimensions.

Fan arrangements are also available with inlet damper section (Model ACR) and return plenum section (Model ACP).

Side access filter rack standard on Arrangement 7 (Model ACR).

Discharge heating coil section and supply plenum are not available with Arrangement 7.

All drawings subject to change without prior notice.

Electrical and Weight Data

Table 6: Motor Electrical Data

Horsepower	Maximum Motor Amperage							
	Voltage							
	115/1	208/1	230/1	277/1	208/3	230/3	460/3	575/3
1/3	6.3	3.5	3.2	2.6	1.7	1.5	0.8	-
1/2	7.8	4.3	3.9	3.6	2.2	2.1	1.1	0.9
3/4	10.6	5.4	5.3	5.0	3.2	3.0	1.5	1.2
1	15.0	8.3	7.5	5.5	4.0	3.6	1.8	1.4
1 1/2	-	-	-	-	5.3	5.0	2.5	1.9
2	-	-	-	-	7.0	6.4	3.2	2.5
3	-	-	-	-	9.1	9.0	4.5	3.2

Notes:

Actual motor nameplate amps may vary but do not exceed values shown.

Consult with the factory for applications requiring special motors.

Table 7: Unit Weight Data

Component		Unit Size					
		08	12	16	20	25	30
Basic Unit		125 [57]	131 [60]	160 [73]	167 [76]	231 [105]	236 [107]
Damper Section		42 [19]	53 [24]	59 [27]	73 [33]	91 [41]	91 [41]
Blow-Through Electric Heater		42 [19]	42 [19]	42 [19]	50 [23]	55 [25]	55 [25]
Discharge Coil Section		35 [16]	37 [17]	49 [22]	53 [24]	76 [35]	80 [36]
Supply Plenum		22 [10]	26 [12]	35 [16]	38 [17]	76 [35]	76 [35]
Return Plenum (ACP)		29 [13]	30 [14]	33 [15]	35 [16]	44 [20]	44 [20]
Coil Rows	1 Row - Dry	12 [5]	14 [6]	17 [8]	21 [10]	23 [10]	27 [12]
	1 Row - Wet	14 [6]	17 [8]	21 [10]	26 [12]	28 [13]	34 [15]
	2 Row - Dry	17 [8]	21 [10]	26 [12]	32 [15]	37 [17]	43 [20]
	2 Row - Wet	21 [10]	27 [12]	33 [15]	42 [19]	48 [22]	56 [25]
	4 Row - Dry	29 [13]	36 [16]	45 [20]	57 [26]	65 [30]	76 [35]
	4 Row - Wet	37 [17]	47 [21]	58 [26]	75 [34]	86 [39]	101 [46]
	6 Row - Dry	40 [18]	51 [23]	64 [29]	81 [37]	93 [42]	109 [50]
	6 Row - Wet	52 [24]	66 [30]	84 [38]	109 [50]	124 [56]	146 [66]

Notes:

Unit weight data is the shipping weight in pounds [kilograms].

Discharge section includes a 2-row coil.

Table 8: Motor/Drive Weight Data

Type	Motor hp						
	1/3	1/2	3/4	1	1 1/2	2	3
Single-Phase	37 [17]	37 [17]	45 [20]	47 [21]	--	--	--
Three-Phase	34 [15]	34 [15]	40 [18]	43 [20]	46 [21]	53 [24]	81 [37]

Notes:

Motor/drive weight includes motor, pulleys, belts, and motor base. Motor/drive weight data is the shipping weight in pounds (kilograms).



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