

PRESSURE DROP CHART

Models RPDBL and SSCDBL

SIZE	CFM	Filter Pressure Drops (clean fltrs)						Outside Air	Dampers	Downturn Plenum Cabinet	Cooling Coil		External Pressure Drop	Total Adjusted Pressure Drop	
		Disposable		Permanent		Pleated					Wet	Dry		Heating	Cooling
		1"	2"	1"	2"	1"	2"								
800 2 Size 400 Furnaces	6600	0.01	0.02	0.02	0.03	0.04	0.03	0.06	0.01	0.02					
	8000	0.02	0.03	0.04	0.05	0.09	0.06	0.10	0.01	0.03					
	10000	0.03	0.04	0.06	0.08	0.15	0.10	0.15	0.02	0.05					
	12000	0.05	0.06	0.08	0.12	0.21	0.14	0.23	0.02	0.07					
	14000	0.06	0.08	0.11	0.16	0.28	0.19	0.31	0.03	0.10					
	16000	0.08	0.10	0.15	0.21	0.37	0.25	0.40	0.04	0.13					
	18000	0.11	0.13	0.19	0.26	0.46	0.31	0.50	0.06	0.17					
	20000	N/A	N/A	0.23	0.33	0.57	0.39	0.62	0.07	0.21					
	22000	N/A	N/A	0.28	0.40	0.69	0.47	0.76	0.08	0.25					
1000 4 Size 250 Furnaces	7400	0.02	0.04	0.03	0.04	0.09	0.06	0.13	0.01	0.04					
	8000	0.04	0.05	0.04	0.06	0.12	0.08	0.16	0.02	0.06					
	10000	0.06	0.08	0.07	0.10	0.18	0.12	0.25	0.03	0.08					
	12000	0.08	0.12	0.10	0.14	0.25	0.17	0.36	0.04	0.12					
	14000	0.10	0.16	0.14	0.20	0.35	0.23	0.49	0.05	0.16					
	16000	N/A	N/A	0.18	0.25	0.47	0.31	0.64	0.07	0.20					
	18000	N/A	N/A	0.22	0.31	0.59	0.40	0.81	0.09	0.26					
	20000	N/A	N/A	0.28	0.39	N/A	N/A	1.00	0.11	0.32					
1200 4 Size 300 Furnaces	8900	0.05	0.07	0.06	0.08	0.15	0.10	0.21	0.03	0.07					
	10000	0.06	0.08	0.07	0.10	0.18	0.12	0.25	0.03	0.08					
	12000	0.08	0.12	0.10	0.14	0.25	0.17	0.36	0.04	0.12					
	14000	0.10	0.16	0.14	0.20	0.35	0.23	0.49	0.05	0.16					
	16000	N/A	N/A	0.18	0.25	0.46	0.31	0.64	0.07	0.20					
	18000	N/A	N/A	0.22	0.31	0.59	0.40	0.81	0.09	0.26					
	20000	N/A	N/A	0.28	0.39	N/A	N/A	1.00	0.11	0.32					
1400 4 Size 350 Furnaces	10400	0.04	0.06	0.06	0.08	0.14	0.10	0.19	0.02	0.06					
	12000	0.04	0.06	0.08	0.10	0.22	0.15	0.28	0.03	0.10					
	14000	0.06	0.08	0.10	0.14	0.30	0.20	0.38	0.04	0.14					
	16000	0.08	0.10	0.14	0.18	0.39	0.27	0.50	0.05	0.16					
	18000	N/A	N/A	0.18	0.24	0.49	0.33	0.63	0.07	0.22					
	20000	N/A	N/A	0.22	0.30	0.61	0.41	0.77	0.09	0.28					
	22000	N/A	N/A	0.26	0.36	N/A	N/A	0.94	0.10	0.34					
1600 4 Size 400 Furnaces	11800	0.04	0.05	0.07	0.10	0.18	0.12	0.20	0.02	0.06					
	14000	0.06	0.08	0.11	0.15	0.28	0.19	0.31	0.03	0.10					
	16000	0.08	0.10	0.15	0.21	0.37	0.25	0.40	0.04	0.13					
	18000	0.11	0.13	0.19	0.26	0.47	0.31	0.50	0.06	0.17					
	20000	N/A	N/A	0.23	0.33	0.57	0.39	0.61	0.07	0.21					
	22000	N/A	N/A	0.28	0.40	0.69	0.47	0.76	0.08	0.25					

REZTOR

Blower Chart - RPM/BHP Table

Models RPDBL and SSCDBL

Size	Temp Rise deg F	CFM	Total Adjusted Pressure Drop ("w.c.)							
			0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6
2 Size 400 Furnaces	90	6600	420/1.8	530/1.1	600/1.4	720/2.0	760/2.4	810/2.6	880/3.0	940/3.6
	85	7000	440/1.0	550/1.3	610/1.6	730/2.2	770/2.5	820/2.8	890/3.6	950/3.8
	74	8000	470/1.2	570/1.6	640/2.0	740/2.5	780/2.8	830/3.6	900/3.8	970/4.2
	59	10000	540/2.0	610/1.5	700/3.0	780/3.6	810/4.0	880/4.4	950/5.2	1000/6.0
	49	12000	600/3.0	690/3.5	740/4.0	820/5.0	860/5.4	900/6.0	970/6.4	1020/7.2
	42	14000	710/4.6	770/5.4	820/6.0	890/7.0	920/7.4	960/8.0	1000/8.4	1050/9.2
	37	16000	800/6.6	850/7.6	900/8.2	950/9.0	990/9.4	1020/10.0	1050/10.2	1110/11.2
	33	18000	880/9.0	910/9.8	970/10.2	1010/12.0	1050/12.6	1080/14.0	1110/14.6	1200/15.6
	30	20000	960/12.4	1010/14.0	1050/15.0	1120/16.0	1150/17.0	1200/17.6	1210/18.0	1260/18.2
27	22000	1100/17.4	1140/18.0	1180/19.0	1210/20.0	--	--	--	--	
4 Size 250 Furnaces	100	7400	560/1.6	610/1.8	680/2.2	770/2.6	810/3.0	880/3.2	940/3.8	990/4.0
	93	8000	590/1.8	650/2.2	710/2.6	790/2.6	830/3.2	890/3.5	950/4.0	1000/4.4
	74	10000	650/2.6	710/3.2	790/3.8	860/4.2	890/4.4	930/5.0	990/5.4	1030/6.0
	62	12000	780/4.4	810/5.0	880/5.4	920/6.0	970/6.4	1000/7.0	1050/7.8	1100/8.4
	53	14000	880/6.6	910/7.4	980/8.2	1020/8.8	1050/9.6	1100/10.0	1130/11.6	1160/11.2
	46	16000	1000/10.0	1030/10.2	1070/11.0	1100/12.0	1150/12.4	1170/13.6	1200/14.4	1290/15.4
	41	18000	1140/14.0	1160/14.4	1200/15.6	1230/16.0	1260/17.0	1290/17.4	1310/18.0	1360/19.0
37	20000	1240/19.0	1280/20.0	--	--	--	--	--	--	
4 Size 300 Furnaces	100	8900	620/2.2	680/2.6	740/3.2	820/3.4	850/3.8	910/4.2	970/5.0	1010/5.4
	89	10000	650/2.6	710/3.2	790/3.8	860/4.2	890/4.4	930/5.0	990/5.4	1030/6.0
	74	12000	780/4.4	810/5.0	880/5.4	920/6.0	970/6.4	1000/7.0	1050/7.8	1100/8.4
	63	14000	880/6.6	910/7.4	980/8.2	1020/8.8	1050/9.6	1100/10.0	1130/10.6	1160/11.2
	56	16000	1000/10.0	1030/10.2	1070/11.0	1100/12.0	1150/12.4	1170/15.6	1200/14.4	1290/15.4
	53	18000	1140/14.0	1160/14.4	1200/15.6	1230/16.0	1250/17.0	1290/17.4	1310/18.0	1360/19.0
44	20000	1240/19.0	1280/20.0	--	--	--	--	--	--	
4 Size 350 Furnaces	100	10400	590/2.6	660/2.8	730/3.2	800/3.6	880/4.4	910/5.0	980/5.6	1040/6.4
	86	12000	640/3.2	730/3.8	790/4.6	850/5.2	900/6.0	940/6.4	1000/7.4	1060/8.0
	74	14000	760/5.2	800/6.0	860/6.4	920/7.4	960/8.0	1000/8.4	1050/9.2	1100/9.6
	65	16000	850/7.4	900/8.0	950/9.0	1000/9.6	1030/10.0	1060/11.0	1100/12.0	1150/13.0
	58	18000	950/10.0	980/10.6	1030/12.0	1070/13.0	1100/14.0	1130/15.0	1200/16.0	1240/16.6
	52	20000	1040/15.0	1110/15.6	1150/16.0	1180/17.0	1200/17.4	1230/18.0	1280/19.6	1320/20.0
47	22000	1200/17.4	1220/20.0	--	--	--	--	--	--	
4 Size 400 Furnaces	100	11800	650/3.2	730/4.0	800/4.8	860/5.2	900/6.0	940/6.4	1010/7.2	1060/8.0
	85	14000	770/5.2	800/5.8	890/6.8	930/7.6	960/8.0	1000/8.4	1050/9.0	1100/9.8
	74	16000	860/7.4	900/8.0	960/9.0	1000/9.6	1030/10.0	1070/11.0	1100/12.0	1150/12.8
	66	18000	950/10.0	990/11.0	1040/12.0	1080/13.6	1100/14.4	1180/15.2	1200/16.0	1240/16.6
	59	20000	1100/15.6	1130/16.2	1190/17.6	1220/18.0	1240/19.2	1280/19.6	1300/20.0	--
	54	22000	1210/19.8	--	--	--	--	--	--	--

Blower Chart - RPM/BHP Table - (cont'd)

Models RPDBL and SSCDBL

Size	Temp Rise deg F	CFM	Total Adjusted Pressure Drop ("w.c.)						
			1.8	2.0	2.2	2.4	2.6	2.8	3.0
800 2 Size 400 Furnaces	90	6600	1000/4.0	1040/4.4	1090/5.4	1140/5.8	1190/6.2	1260/7.0	1270/7.2
	85	7000	1020/4.6	1050/5.0	1110/5.6	1150/6.0	1200/6.4	1270/7.2	1280/7.5
	74	8000	1030/5.2	1060/5.4	1120/6.0	1160/6.6	1205/7.2	1280/8.0	1290/8.4
	59	10000	1060/6.6	1100/7.0	1140/7.6	1180/8.0	1220/8.6	1285/9.4	1300/9.6
	49	12000	1080/8.0	1110/8.4	1150/9.0	1190/9.4	1230/9.8	1290/10.2	1310/11.0
	42	14000	1110/9.6	1140/10.0	1190/10.4	1210/12.0	1260/12.6	1300/14.0	1350/15.0
	37	16000	1150/12.4	1180/14.0	1200/14.4	1250/15.0	1300/16.0	1350/16.4	1370/17.4
	33	18000	1240/16.4	1260/17.2	1300/17.8	1320/18.2	1350/19.2	1400/20.0	--
	30	20000	1290/19.8	--	--	--	--	--	--
27	22000	--	--	--	--	--	--	--	
1000 4 Size 250 Furnaces	100	7400	1080/5.0	1110/5.2	1140/5.6	1180/6.0	1220/6.6	1280/9.0	1290/9.8
	93	8000	1090/5.4	1120/5.6	1150/5.8	1190/6.4	1230/7.6	1290/9.8	1300/10.0
	74	10000	1100/7.0	1130/7.6	1160/8.2	1200/9.0	1240/10.0	1300/11.0	1320/12.0
	62	12000	1140/9.0	1180/9.8	1200/10.2	1250/11.4	1280/12.4	1320/13.2	1350/14.0
	53	14000	1210/12.4	1250/13.8	1270/14.0	1300/14.8	1380/15.2	1410/15.8	1450/17.0
	46	16000	1320/16.0	1340/16.4	1370/17.2	1400/17.6	1440/18.4	1490/19.2	1510/20.0
	41	18000	1400/20.0	--	--	--	--	--	--
	37	20000	--	--	--	--	--	--	--
1200 4 Size 300 Furnaces	100	8900	1090/5.8	1120/6.2	1150/7.0	1190/8.0	1230/9.6	1290/10.4	1310/11.0
	89	10000	1100/7.0	1130/7.6	1160/8.2	1200/9.0	1240/5.0	1300/11.0	1320/12.0
	74	12000	1140/9.0	1180/9.8	1200/10.2	1250/11.4	1280/12.4	1320/13.2	1350/14.0
	63	14000	1210/12.4	1250/13.8	1270/14.0	1300/14.8	1380/15.2	1410/15.8	1450/17.0
	56	16000	1320/16.0	1340/16.4	1370/17.2	1400/17.6	1440/18.4	1490/19.2	1510/20.0
	53	18000	1400/20.0	--	--	--	--	--	--
	44	20000	--	--	--	--	--	--	--
1400 4 Size 350 Furnaces	100	10400	1090/7.2	1120/7.6	1160/8.0	1200/8.4	1240/9.0	1290/9.6	1300/9.8
	86	12000	1100/8.4	1140/8.8	1180/9.2	1210/9.8	1250/10.4	1300/11.6	1320/12.0
	74	14000	1140/10.0	1160/10.4	1200/11.0	1240/12.2	1280/13.2	1310/14.2	1340/14.6
	65	16000	1200/14.0	1240/14.6	1260/15.0	1300/15.8	1340/16.8	1380/18.0	1410/18.6
	58	18000	1280/17.2	1300/18.0	1320/19.0	1360/19.6	--	--	--
	52	20000	--	--	--	--	--	--	--
	47	22000	--	--	--	--	--	--	--
1600 4 Size 400 Furnaces	100	11800	1110/8.4	1140/8.8	1180/9.2	1210/10.0	1260/11.2	1300/12.0	1330/12.6
	85	14000	1150/10.4	1180/11.8	1210/12.2	1240/13.0	1290/14.0	1310/14.4	1350/15.0
	74	16000	1190/13.8	1230/14.2	1280/15.0	1300/16.0	1340/17.4	1390/18.0	1410/18.6
	66	18000	1280/17.2	1300/18.0	1320/18.6	1360/9.8	--	--	--
	59	20000	--	--	--	--	--	--	--
	54	22000	--	--	--	--	--	--	--