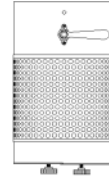


Factair™ Terminal Outlets, Models 25, 50, 75 & 100

Vari-Dampers OPEN, Volume Control Damper OPEN

Factair™ Diameter (inches)	Inlet Velocity (fpm)	Volume Flow Rate (cfm)	Static Pressure ¹ (in.wg.)	NC Level ³	dBA Level ³	Throw Velocity (fpm)							
						Distance along V _{ma} Centerline ² (feet)							
						5	10	15	20	30	40	50	60
4	1000	87	0.02	20	24	240	85	--	--	--	--	--	--
	2000	175	0.09	40	44	615	245	120	110	50	--	--	--
	3000	262	0.18	50	55	995	450	275	205	150	80	--	--
6	1000	196	0.02	20	24	320	160	85	--	--	--	--	--
	2000	393	0.07	40	44	925	450	290	205	105	60	--	--
	3000	589	0.14	50	55	1495	730	420	300	205	135	100	70
8	1000	349	0.01	20	24	415	230	125	50	--	--	--	--
	2000	698	0.04	40	44	1190	600	400	310	165	100	--	--
	3000	1047	0.09	50	55	1760	920	550	385	260	205	155	85
10	1000	545	0.01	20	24	515	305	200	110	75	--	--	--
	2000	1090	0.03	40	44	1335	765	515	375	240	150	90	--
	3000	1636	0.06	50	55	2155	1215	790	555	370	250	175	105
12	1000	785	0.01	20	24	565	340	280	170	90	--	--	--
	2000	1571	0.02	40	44	1495	955	650	460	315	209	150	80
	3000	2356	0.04	50	55	2530	1520	1010	735	469	300	220	155
14	1000	1069	< 0.01	20	24	715	470	335	215	130	75	--	--
	2000	2138	0.01	40	44	1645	1065	740	570	380	255	165	90
	3000	3207	0.03	50	55	2600	1665	1155	855	555	375	265	190
16	1000	1396	< 0.01	20	24	815	550	405	275	160	85	--	--
	2000	2793	0.01	40	44	1770	1210	850	675	440	310	200	105
	3000	4189	0.02	50	55	2780	1875	1335	1015	655	440	305	200
18	1000	1767	< 0.01	20	24	940	680	468	330	205	140	80	--
	2000	3534	0.01	40	44	1880	1340	960	780	498	366	240	165
	3000	5301	0.02	50	55	2890	2060	1500	1180	760	510	375	210
20	1000	2182	< 0.01	20	24	1010	730	530	390	230	150	95	70
	2000	4363	0.01	40	44	1985	1480	1070	885	550	425	300	215
	3000	6545	0.01	50	55	3080	2275	1675	1370	865	580	370	220
22	1000	2640	< 0.01	20	24	1110	825	585	440	260	165	105	75
	2000	5280	0.01	40	44	2080	1610	1185	990	600	485	335	230
	3000	7919	0.01	50	55	3200	2455	1840	1560	975	650	415	235
24	1000	3142	< 0.01	20	24	1210	915	630	480	300	185	120	75
	2000	6283	0.01	40	44	2160	1730	1295	1095	645	545	370	270
	3000	9425	0.01	50	55	3300	2630	2000	1760	1090	725	440	240
26	1000	3687	< 0.01	20	24	1310	1015	665	510	335	210	135	80
	2000	7374	0.01	40	44	2240	1840	1405	1200	685	605	400	300
	3000	11061	0.01	50	55	3400	2790	2155	1965	1205	800	465	250

- Notes:**
1. Static pressure is the Factair™ inlet static pressure required to achieve the throw velocities listed.
 2. V_{max} is the maximum velocity vector from the Factair™. For the Factair™ unit with vari-dampers open, the maximum velocity vector is straight out of the center of the Factair™ unit.
 3. NC and dBA levels assume a room absorption of 10 dB in each octave band frequency. Data based on testing of a 10-inch Factair™ unit.



Factair™ Terminal Outlets, Models 25, 50, 75 & 100

Vari-Dampers CLOSED, Volume Control Damper OPEN

Factair™ Diameter (inches)	Inlet Velocity (fpm)	Volume Flow Rate (cfm)	Static Pressure ¹ (in.wg.)	NC Level ³	dBA Level ³	Throw Velocity (fpm)					
						Distance along V _{max} Centerline ² (feet)					
						3	4	5	6	8	10
4	1000	87	0.07	30	31	60	--	--	--	--	--
	2000	175	0.27	50	52	150	125	105	85	55	--
	3000	262	0.55	60	61	225	175	145	125	70	--
6	1000	196	0.07	30	31	75	--	--	--	--	--
	2000	393	0.24	50	52	195	165	130	110	--	--
	3000	589	0.50	60	61	330	260	215	185	135	95
8	1000	349	0.06	30	31	85	50	--	--	--	--
	2000	698	0.22	50	52	235	200	155	130	50	--
	3000	1047	0.46	60	61	440	340	280	245	190	170
10	1000	545	0.06	30	31	100	70	50	--	--	--
	2000	1090	0.21	50	52	280	225	180	145	55	--
	3000	1636	0.43	60	61	545	420	345	300	245	210
12	1000	785	0.05	30	31	115	85	60	--	--	--
	2000	1571	0.19	50	52	390	250	200	160	75	--
	3000	2356	0.39	60	61	650	500	410	360	300	250
14	1000	1069	0.05	30	31	135	105	70	60	--	--
	2000	2138	0.17	50	52	370	270	220	175	80	--
	3000	3207	0.36	60	61	755	580	475	420	360	290
16	1000	1396	0.04	30	31	150	125	85	70	--	--
	2000	2793	0.16	50	52	415	290	245	185	85	--
	3000	4189	0.33	60	61	860	660	540	475	420	330
18	1000	1767	0.04	30	31	175	145	100	85	--	--
	2000	3534	0.14	50	52	460	310	265	195	95	--
	3000	5301	0.29	60	61	965	735	600	530	480	370
20	1000	2182	0.03	30	31	200	165	110	95	--	--
	2000	4363	0.13	50	52	505	325	285	205	105	50
	3000	6545	0.27	60	61	1070	815	665	590	540	410
22	1000	2640	0.03	30	31	225	190	125	105	--	--
	2000	5280	0.11	50	52	555	335	305	215	120	65
	3000	7919	0.24	60	61	1175	895	730	645	600	450
24	1000	3142	0.03	30	31	260	210	140	115	50	--
	2000	6283	0.10	50	52	600	350	325	225	130	70
	3000	9425	0.21	60	61	1280	970	790	700	665	490
26	1000	3687	0.02	30	31	300	235	155	125	55	--
	2000	7374	0.09	50	52	645	360	345	235	145	80
	3000	11061	0.18	60	61	1385	1045	850	760	730	525

- Notes:**
1. Static pressure is the Factair™ inlet static pressure required to achieve the throw velocities listed.
 2. V_{max} is the maximum velocity vector from the Factair™. For the Factair™ unit with vari-dampers closed, the maximum velocity vector is about 50 to 65° from the Factair™ centerline axis.
 3. NC and dBA levels assume a room absorption of 10 dB in each octave band frequency. Data based on testing of a 10-inch Factair™ unit.