

14 SEER Single-Package Heat Pump System Single and 230 VAC 3-Phase Airflow Tables

Slip Sheet



NOTE: These tables replace Tables 4-6 in the Installation Instructions and 1 and 3-Phase Dry Coil Air Delivery Tables in the Product Data.

Table 1 – Dry Coil Air Delivery* - Horizontal and Downflow Discharge - 208/230VAC-1 Phase

Unit Size	Motor Speed	Wire Color		External Static Pressure ("WC)									
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
24	Low	Blue	CFM	669	580	525	423	303	---	---	---	---	---
			BHP	0.09	0.10	0.11	0.11	0.12	---	---	---	---	---
	Med-Low ¹	Pink	CFM	829	752	680	602	549	455	313	---	---	---
			BHP	0.14	0.15	0.15	0.16	0.17	0.17	0.18	---	---	---
	Medium	Red	CFM	1014	929	884	818	746	683	600	537	405	305
			BHP	0.24	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.27	0.27
	Med-High	Orange	CFM	1041	972	916	850	782	713	631	581	465	340
			BHP	0.25	0.26	0.26	0.26	0.26	0.27	0.28	0.29	0.30	0.31
	High	Black	CFM	1187	1124	1061	996	930	896	840	776	698	610
			BHP	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40
30	Low	Blue	CFM	669	580	525	423	303	---	---	---	---	---
			BHP	0.09	0.10	0.11	0.11	0.12	---	---	---	---	---
	Med-Low	Pink	CFM	829	752	680	602	549	455	313	---	---	---
			BHP	0.14	0.15	0.15	0.16	0.17	0.17	0.18	---	---	---
	Medium ¹	Red	CFM	1014	929	884	818	746	683	600	537	405	305
			BHP	0.24	0.24	0.24	0.25	0.26	0.26	0.27	0.27	0.27	0.29
	Med-High	Orange	CFM	1041	972	916	850	782	713	631	581	465	340
			BHP	0.25	0.26	0.26	0.26	0.26	0.27	0.28	0.29	0.30	0.31
	High	Black	CFM	1187	1124	1061	996	930	896	840	776	698	610
			BHP	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40
36	Low	Blue	CFM	1117	1042	969	893	869	802	741	677	590	582
			BHP	0.17	0.18	0.19	0.19	0.21	0.21	0.22	0.23	0.24	0.25
	Med-Low	Pink	CFM	1170	1094	1027	955	883	870	810	748	680	591
			BHP	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25	0.26	0.26
	Medium ¹	Red	CFM	1292	1246	1183	1124	1059	995	924	877	856	819
			BHP	0.25	0.26	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.34
	Med-High	Orange	CFM	1311	1225	1199	1145	1081	1015	952	902	885	843
			BHP	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.33	0.35	0.35
	High	Black	CFM	1602	1535	1469	1404	1333	1260	1246	1192	1191	1131
			BHP	0.46	0.47	0.48	0.50	0.50	0.51	0.52	0.53	0.54	0.55
42	Low	Blue	CFM	1001	902	833	777	717	650	575	527	466	419
			BHP	0.13	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	Med-Low	Pink	CFM	1016	950	902	842	783	721	655	590	541	480
			BHP	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	Medium ¹	Red	CFM	1403	1358	1316	1265	1217	1167	1116	1067	1012	956
			BHP	0.29	0.30	0.31	0.33	0.34	0.35	0.36	0.37	0.38	0.39
	Med-High	Orange	CFM	1461	1411	1367	1327	1275	1220	1174	1127	1074	1022
			BHP	0.32	0.33	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42
	High	Black	CFM	1575	1528	1488	1447	1406	1360	1314	1264	1213	1159
			BHP	0.40	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
48	Low	Blue	CFM	644	552	461	376	301	235	---	---	---	---
			BHP	0.06	0.07	0.07	0.08	0.08	0.09	---	---	---	---
	Med-Low	Pink	CFM	1430	1386	1347	1302	1258	1208	1160	1114	1065	1014
			BHP	0.26	0.27	0.28	0.29	0.30	0.30	0.32	0.33	0.34	0.35
	Medium ¹	Red	CFM	1658	1622	1585	1549	1512	1476	1442	1402	1360	1322
			BHP	0.39	0.40	0.41	0.42	0.44	0.45	0.46	0.47	0.48	0.49
	Med-High	Orange	CFM	1945	1913	1867	1829	1792	1758	1717	1688	1645	1603
			BHP	0.58	0.59	0.61	0.63	0.64	0.65	0.67	0.68	0.69	0.71
	High	Black	CFM	2201	2172	2138	2108	2074	2041	1970	1867	1764	1634
			BHP	0.83	0.84	0.87	0.88	0.89	0.91	0.89	0.83	0.79	0.74

Table 1 – Dry Coil Air Delivery* - Horizontal and Downflow Discharge - 208/230VAC-1 Phase

Unit Size	Motor Speed	Wire Color		External Static Pressure ("WC)									
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
60	Low	Blue	CFM	839	768	697	625	551	486	422	360	306	---
			BHP	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14	0.14	---
	Med-Low	Pink	CFM	1403	1361	1320	1276	1236	1192	1145	1099	1054	1012
			BHP	0.28	0.29	0.30	0.31	0.31	0.33	0.34	0.35	0.36	0.37
	Medium ¹	Red	CFM	1822	1788	1757	1726	1690	1657	1623	1589	1553	1518
			BHP	0.54	0.55	0.56	0.57	0.59	0.60	0.61	0.62	0.63	0.64
	Med-High	Orange	CFM	1982	1940	1900	1859	1816	1775	1739	1701	1655	1596
			BHP	0.61	0.62	0.63	0.65	0.66	0.67	0.69	0.70	0.71	0.73
	High	Black	CFM	2271	2241	2206	2171	2134	2080	1973	1857	1746	1596
			BHP	0.90	0.91	0.93	0.95	0.96	0.95	0.90	0.84	0.78	0.73

Shaded areas indicate speed/static combinations that are not permitted for dehumidification speed.

*Air delivery values are without air filter and are for dry coil (See Wet Coil Pressure Drop Table)

¹ Factory-shipped cooling speed

NOTE: Deduct field-supplied air filter pressure drop and wet coil pressure drop to obtain static pressure available for ducting.

Table 2 – Dry Coil Air Delivery* - Horizontal and Downflow Discharge, 208/230 VAC 3-Phase Units

Unit	Motor Speed	Wire Color		External Static Pressure ("WC)								
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
36	Low	Blue	CFM	1117	1042	969	893	869	802	741	677	590
	Med-Low	Pink	CFM	1170	1094	1027	955	883	870	810	748	680
	Medium ¹	Red	CFM	1292	1246	1183	1124	1059	995	924	877	856
	Med-High	Orange	CFM	1311	1225	1199	1145	1081	1015	952	902	885
	High	Black	CFM	1602	1535	1469	1404	1333	1260	1246	1192	1191
42	Low	Blue	CFM	1001	902	833	777	717	650	575	527	466
	Med-Low	Pink	CFM	1016	950	902	842	783	721	655	590	541
	Medium	Red	CFM	1403	1358	1316	1265	1217	1167	1116	1067	1012
	Med-High ¹	Orange	CFM	1461	1411	1367	1327	1275	1220	1174	1127	1074
	High	Black	CFM	1575	1528	1488	1447	1406	1360	1314	1264	1213
48	Low	Blue	CFM	644	552	461	376	301	235	---	---	---
	Med-Low	Pink	CFM	1430	1386	1347	1302	1258	1208	1160	1114	1065
	Medium ¹	Red	CFM	1658	1622	1585	1549	1512	1476	1442	1402	1360
	Med-High	Orange	CFM	1945	1913	1867	1829	1792	1758	1717	1688	1645
	High	Black	CFM	2201	2172	2138	2108	2074	2041	1970	1867	1764
60	Low	Blue	CFM	839	768	697	625	551	486	422	360	306
	Med-Low	Pink	CFM	1403	1361	1320	1276	1236	1192	1145	1099	1054
	Medium ¹	Red	CFM	1822	1788	1757	1726	1690	1657	1623	1589	1553
	Med-High	Orange	CFM	1982	1940	1900	1859	1816	1775	1739	1701	1655
	High	Black	CFM	2271	2241	2206	2171	2134	2080	1973	1857	1746

Shaded areas indicate speed/static combinations that are not permitted for dehumidification speed.

* Air delivery values are without air filter and are for dry coil (See Wet Coil Pressure Drop table).

¹ Factory-shipped cooling speed

Note: Deduct field-supplied air filter pressure drop and wet coil pressure drop to obtain external static pressure available for ducting.