

KBH, KBV Performance Data
FORWARD CURVED FAN PERFORMANCE DATA, UNIT SIZES 8 - 16

TSP "WG	Unit Size Actual CFM	8					12					16				
		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

FORWARD CURVED FAN PERFORMANCE DATA, UNIT SIZES 20 - 40

TSP "WG	Unit Size Actual CFM	20					30					40				
		1800	1950	2100	2250	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400
2.4	RPM	-	-	-	-	1507	-	-	-	1034	1037	-	-	-	1021	1023
	BHP	-	-	-	-	1.60	-	-	-	2.01	2.20	-	-	-	2.00	2.15
2.2	RPM	-	-	-	1441	1446	-	-	-	992	996	-	-	977	979	980
	BHP	-	-	-	1.37	1.49	-	-	-	1.88	2.06	-	-	1.72	1.86	1.99
2.0	RPM	-	-	1373	1377	1382	-	-	945	949	952	-	932	933	934	937
	BHP	-	-	1.15	1.26	1.37	-	-	1.59	1.75	1.91	-	1.46	1.58	1.71	1.85
1.8	RPM	-	-	1305	1310	1315	-	896	899	903	906	-	885	886	888	892
	BHP	-	-	1.05	1.15	1.25	-	1.33	1.47	1.61	1.76	-	1.33	1.44	1.57	1.71
1.6	RPM	-	1230	1234	1239	1251	844	847	851	854	858	834	835	837	841	844
	BHP	-	0.87	0.95	1.04	1.16	1.09	1.21	1.34	1.47	1.60	1.10	1.20	1.31	1.43	1.56
1.4	RPM	1150	1154	1159	1170	1182	792	796	799	803	810	781	783	787	790	794
	BHP	0.70	0.77	0.85	0.95	1.05	0.98	1.09	1.21	1.32	1.46	0.98	1.08	1.18	1.29	1.41
1.2	RPM	1068	1073	1085	1097	1114	737	741	745	752	759	726	729	732	737	743
	BHP	0.61	0.68	0.76	0.85	0.96	0.87	0.97	1.07	1.19	1.31	0.86	0.96	1.05	1.16	1.27
1.0	RPM	981	993	1006	1024	1042	677	682	689	697	705	666	670	676	681	687
	BHP	0.52	0.60	0.67	0.76	0.86	0.75	0.84	0.95	1.05	1.17	0.75	0.83	0.93	1.02	1.12
0.8	RPM	892	908	926	947	969	613	621	629	637	648	602	608	614	622	631
	BHP	0.45	0.52	0.59	0.68	0.77	0.64	0.72	0.82	0.92	1.03	0.64	0.72	0.79	0.89	0.99
0.6	RPM	800	820	842	865	889	544	553	564	576	590	532	541	550	559	570
	BHP	0.38	0.44	0.51	0.59	0.68	0.53	0.61	0.70	0.79	0.90	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	400	431	462	492	523	429	452	476	500	524

NOTES: Consult Krueger 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.