

12.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DHG1503WM, DHG1504WM, DHG1507WM

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T7**	0.2	3338	800	1.43
	0.4	3257	846	1.51
	0.6	3135	889	1.59
	0.8	2997	928	1.66
	1.0	2772	977	1.75
	1.2	2524	1027	1.83
	1.4	2381	1057	1.89
	1.6	2249	1086	1.94
	1.8	2096	1121	2.00
	2.0	2026	1147	2.05
T8	0.2	3731	860	1.85
	0.4	3658	907	1.95
	0.6	3568	945	2.03
	0.8	3334	985	2.12
	1.0	3233	1023	2.20
	1.2	3041	1063	2.29
	1.4	2883	1118	2.41
	1.6	2729	1147	2.47
	1.8	2587	1180	2.54
	2.0	2525	1203	2.59
T9	0.2	3877	887	2.04
	0.4	3804	930	2.14
	0.6	3734	966	2.22
	0.8	3502	1005	2.31
	1.0	3416	1042	2.39
	1.2	3255	1082	2.49
	1.4	3070	1135	2.61
	1.6	2883	1168	2.68
	1.8	2743	1199	2.75
	2.0	2669	1223	2.81
T10	0.2	4016	912	2.23
	0.4	3936	952	2.33
	0.6	3878	987	2.41
	0.8	3659	1025	2.50
	1.0	3577	1060	2.59
	1.2	3443	1100	2.69
	1.4	3235	1150	2.81
	1.6	3020	1185	2.89
	1.8	2878	1215	2.97
	2.0	2786	1242	3.03

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T7**	0.2	3805	695	1.24
	0.4	3702	740	1.32
	0.6	3604	785	1.40
	0.8	3490	833	1.49
	1.0	3390	879	1.57
	1.2	3220	935	1.67
	1.4	2939	1006	1.80
	1.6	2663	1072	1.91
	1.8	2474	1119	2.00
	2.0	2431	1134	2.03
T8	0.2	4243	753	1.62
	0.4	4111	794	1.71
	0.6	4023	836	1.80
	0.8	3970	852	1.83
	1.0	3875	921	1.98
	1.2	3719	962	2.07
	1.4	3475	1030	2.22
	1.6	3204	1090	2.35
	1.8	3009	1171	2.52
	2.0	2852	1185	2.55
T9	0.2	4392	774	1.78
	0.4	4274	814	1.87
	0.6	4186	857	1.97
	0.8	4133	864	1.98
	1.0	4050	934	2.15
	1.2	3912	974	2.24
	1.4	3695	1037	2.38
	1.6	3449	1089	2.50
	1.8	3265	1140	2.62
	2.0	3008	1205	2.77
T10	0.2	4530	794	1.94
	0.4	4433	832	2.03
	0.6	4343	875	2.14
	0.8	4276	878	2.14
	1.0	4202	947	2.31
	1.2	4083	986	2.41
	1.4	3904	1045	2.55
	1.6	3697	1085	2.65
	1.8	3534	1128	2.75
	2.0	3172	1224	2.99

shaded speed tap- Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

12.5 Ton • 240 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DHG1503DH, DHG1504DH, DHG1507DH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1**	0.2	2377	559	0.52
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2**	0.2	3178	662	0.93
	0.4	3007	705	0.99
	0.6	2856	751	1.05
	0.8	2533	822	1.16
T3	0.2	3944	784	1.59
	0.4	3783	823	1.67
	0.6	-	-	-
	0.8	-	-	-
T4	0.2	4435	842	2.08
	0.4	4287	886	2.19
	0.6	4153	922	2.28
	0.8	4025	952	2.36
T5	0.2	4719	897	2.50
	0.4	4587	929	2.59
	0.6	4458	962	2.68
	0.8	4329	993	2.77
T6**	0.2	2227	538	0.45
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7**	0.2	2737	611	0.70
	0.4	2580	667	0.77
	0.6	2368	726	0.83
	0.8	2085	795	0.91
T8	0.2	3190	675	0.98
	0.4	3049	722	1.05
	0.6	2880	770	1.12
	0.8	-	-	-
T9	0.2	3714	750	1.40
	0.4	3536	788	1.47
	0.6	3412	825	1.54
	0.8	3235	867	1.61
T10	0.2	4133	809	1.84
	0.4	3953	848	1.93
	0.6	3812	881	2.00
	0.8	3676	912	2.07

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1**	0.2	2478	525	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2**	0.2	3261	616	0.87
	0.4	3134	667	0.94
	0.6	3011	717	1.01
	0.8	2786	779	1.09
T3	0.2	4019	720	1.46
	0.4	3926	756	1.53
	0.6	3807	805	1.63
	0.8	-	-	-
T4	0.2	4484	786	1.95
	0.4	4364	830	2.05
	0.6	4287	863	2.14
	0.8	4194	899	2.23
T5	0.2	4777	830	2.31
	0.4	4680	865	2.41
	0.6	4581	901	2.51
	0.8	4485	934	2.60
T6**	0.2	2330	508	0.43
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7**	0.2	2831	568	0.65
	0.4	2655	616	0.71
	0.6	2547	689	0.79
	0.8	2325	759	0.87
T8	0.2	3286	625	0.91
	0.4	3092	677	0.98
	0.6	2952	716	1.04
	0.8	2818	775	1.12
T9	0.2	3833	695	1.29
	0.4	3618	737	1.37
	0.6	3479	771	1.44
	0.8	3366	825	1.54
T10	0.2	4297	759	1.73
	0.4	4107	793	1.80
	0.6	3960	842	1.92
	0.8	3859	876	1.99

shaded speed tap- Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

12.5 Ton • 240 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DHG1503LH, DHG1504LH, DHG1507LH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1**	0.2	2377	559	0.52
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	3655	740	1.32
	0.4	3495	782	1.40
	0.6	3361	820	1.46
	0.8	3231	857	1.53
	1.0	2967	915	1.63
	1.2	2685	969	1.73
	1.4	2550	1001	1.79
T3	0.2	3944	784	1.59
	0.4	3783	823	1.67
	0.6	-	-	-
	0.8	-	-	-
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T4	0.2	4536	878	2.30
	0.4	4407	910	2.38
	0.6	4304	939	2.46
	0.8	4176	974	2.55
	1.0	4066	1004	2.63
	1.2	3946	1036	2.71
	1.4	3826	1067	2.79
T5	0.2	4719	897	2.50
	0.4	4587	929	2.59
	0.6	4458	962	2.68
	0.8	4329	993	2.77
	1.0	4211	1025	2.86
	1.2	4087	1057	2.94
	1.4	3975	1087	3.03
T6**	0.2	2669	601	0.66
	0.4	2504	659	0.73
	0.6	2287	719	0.79
	0.8	-	-	-
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T7**	0.2	3310	692	1.06
	0.4	3163	736	1.13
	0.6	3006	782	1.20
	0.8	2765	840	1.29
	1.0	2540	894	1.37
	1.2	2390	935	1.44
	1.4	2163	988	1.52
T8	0.2	3834	767	1.51
	0.4	3647	805	1.59
	0.6	3528	839	1.65
	0.8	3369	876	1.73
	1.0	3183	923	1.82
	1.2	3149	962	1.90
	1.4	-	-	-
T9	0.2	4218	823	1.96
	0.4	4046	860	2.05
	0.6	3902	895	2.13
	0.8	3774	927	2.21
	1.0	3631	963	2.29
	1.2	3485	1000	2.38
	1.4	3327	1032	2.46
T10	0.2	4537	901	2.51
	0.4	4382	931	2.59
	0.6	4251	961	2.68
	0.8	4142	989	2.75
	1.0	4026	1019	2.84
	1.2	3906	1046	2.91
	1.4	3763	1078	3.00

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1**	0.2	2478	525	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	3743	682	1.22
	0.4	3661	715	1.28
	0.6	3519	772	1.38
	0.8	3457	814	1.45
	1.0	3294	858	1.53
	1.2	3051	924	1.65
	1.4	2667	995	1.78
T3	0.2	4019	720	1.46
	0.4	3926	756	1.53
	0.6	3807	805	1.63
	0.8	-	-	-
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T4	0.2	4609	807	2.11
	0.4	4517	843	2.21
	0.6	4424	882	2.31
	0.8	4323	915	2.40
	1.0	4216	951	2.49
	1.2	4115	989	2.59
	1.4	4010	1025	2.68
T5	0.2	4777	830	2.31
	0.4	4680	865	2.41
	0.6	4581	901	2.51
	0.8	4485	934	2.60
	1.0	4387	970	2.70
	1.2	4285	1005	2.80
	1.4	4184	1039	2.89
T6**	0.2	2763	560	0.62
	0.4	2565	596	0.66
	0.6	2469	685	0.76
	0.8	2212	756	0.83
	1.0	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T7**	0.2	3409	640	0.98
	0.4	3206	690	1.06
	0.6	3073	727	1.12
	0.8	2943	785	1.21
	1.0	2731	823	1.26
	1.2	2519	873	1.34
	1.4	2284	938	1.44
T8	0.2	3963	713	1.40
	0.4	3752	752	1.48
	0.6	3607	787	1.55
	0.8	3497	839	1.65
	1.0	3398	881	1.74
	1.2	3217	925	1.8
	1.4	3004	994	2.0
T9	0.2	4404	775	1.84
	0.4	4224	807	1.92
	0.6	4087	852	2.03
	0.8	3989	888	2.11
	1.0	3865	925	2.20
	1.2	3723	963	2.29
	1.4	3608	999	2.38
T10	0.2	4777	830	2.31
	0.4	5442	854	2.38
	0.6	4581	901	2.51
	0.8	4322	934	2.60
	1.0	4387	970	2.70
	1.2	4080	1002	2.79
	1.4	3916	1037	2.89

shaded speed tap- Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

12.5 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DHG1503WH, DHG1504WH, DHG1507WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1**	0.2	2511	639	0.63	T1**	0.2	2735	543	0.54
	0.4	-	-	-		0.4	2600	606	0.60
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2**	0.2	3737	894	1.97	T2**	0.2	-	-	-
	0.4	3699	919	2.03		0.4	4168	801	1.76
	0.6	3604	952	2.10		0.6	4081	844	1.86
	0.8	3476	990	2.18		0.8	4030	856	1.89
	1.0	3276	1035	2.28		1.0	3939	926	2.04
	1.2	3052	1082	2.38		1.2	3789	966	2.13
	1.4	2890	1120	2.47		1.4	3553	1033	2.27
	1.6	2738	1154	2.54		1.6	3290	1090	2.40
	1.8	2584	1186	2.61		1.8	3097	1158	2.55
	2.0	2499	1207	2.66		2.0	2906	1192	2.63
T3	0.2	3953	863	1.80	T3	0.2	4165	735	1.53
	0.4	3837	903	1.88		0.4	4089	772	1.61
	0.6	-	-	-		0.6	3985	824	1.72
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4964	1024	3.47	T4	0.2	-	-	-
	0.4	4909	1046	3.55		0.4	5215	918	3.12
	0.6	4808	1079	3.66		0.6	5121	951	3.23
	0.8	4764	1096	3.72		0.8	5044	979	3.32
	1.0	4626	1123	3.81		1.0	4957	1015	3.44
	1.2	4507	1167	3.96		1.2	4861	1040	3.53
	1.4	4409	1207	4.10		1.4	4769	1082	3.67
	1.6	4137	1257	4.26		1.6	4665	1099	3.73
	1.8	3878	1311	4.45		1.8	4563	1150	3.90
	2.0	3835	1332	4.52		2.0	4455	1181	4.01
T5	0.2	5128	1078	3.88	T5	0.2	5478	900	3.05
	0.4	5061	1102	3.96		0.4	5390	936	3.17
	0.6	4965	1131	4.07		0.6	5309	971	3.29
	0.8	4899	1154	4.15		0.8	5216	1003	3.40
	1.0	4779	1182	4.25		1.0	5127	1036	3.52
	1.2	4668	1214	4.37		1.2	5046	1067	3.62
	1.4	4583	1242	4.47		1.4	4954	1096	3.72
	1.6	4367	1283	4.61		1.6	4872	1128	3.83
	1.8	4137	1330	4.78		1.8	4794	1156	3.92
	2.0	4015	1356	4.88		2.0	4681	1188	4.03
T6**	0.2	2833	703	0.97	T6**	0.2	3259	621	0.86
	0.4	2651	764	1.05		0.4	3169	667	0.92
	0.6	2386	815	1.12		0.6	3032	726	1.00
	0.8	2266	858	1.18		0.8	2769	805	1.11
	1.0	-	-	-		1.0	2588	852	1.17
	1.2	-	-	-		1.2	2383	918	1.27
	1.4	-	-	-		1.4	2201	973	1.34
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

shaded speed tap- Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

12.5 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DHG1503WH, DHG1504WH, DHG1507WH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T7**	0.2	3533	825	1.62
	0.4	3449	875	1.72
	0.6	3322	916	1.80
	0.8	3103	957	1.88
	1.0	2969	997	1.96
	1.2	2734	1037	2.04
	1.4	2605	1092	2.14
	1.6	2492	1115	2.19
	1.8	2340	1151	2.26
	2.0	2281	1174	2.31
T8	0.2	3830	878	1.97
	0.4	3757	922	2.07
	0.6	3682	959	2.16
	0.8	3448	999	2.25
	1.0	3358	1036	2.33
	1.2	3188	1076	2.42
	1.4	3011	1130	2.54
	1.6	2835	1162	2.61
	1.8	-	-	-
	2.0	-	-	-
T9	0.2	4169	940	2.45
	0.4	4075	977	2.55
	0.6	4019	1009	2.63
	0.8	3828	1046	2.73
	1.0	3739	1080	2.82
	1.2	3628	1119	2.92
	1.4	3405	1164	3.04
	1.6	3171	1200	3.13
	1.8	3021	1230	3.21
	2.0	2903	1262	3.30
T10	0.2	4464	995	2.96
	0.4	4325	1025	3.05
	0.6	4238	1053	3.13
	0.8	4143	1088	3.23
	1.0	4001	1118	3.32
	1.2	3910	1155	3.43
	1.4	3708	1187	3.53
	1.6	3493	1213	3.60
	1.8	3312	1251	3.72
	2.0	3137	1299	3.86

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T7**	0.2	-	-	-
	0.4	-	-	-
	0.6	3807	809	1.59
	0.8	3732	839	1.65
	1.0	3619	905	1.78
	1.2	3443	950	1.87
	1.4	3180	1019	2.00
	1.6	2905	1084	2.13
	1.8	2709	1161	2.28
	2.0	2647	1160	2.28
T8	0.2	4345	768	1.73
	0.4	4221	808	1.82
	0.6	4134	850	1.91
	0.8	4082	860	1.93
	1.0	3995	930	2.09
	1.2	3851	970	2.18
	1.4	3624	1035	2.33
	1.6	3368	1090	2.45
	1.8	3179	1148	2.58
	2.0	2956	1199	2.70
T9	0.2	4675	815	2.13
	0.4	4607	850	2.22
	0.6	4514	895	2.34
	0.8	4421	896	2.34
	1.0	4355	962	2.51
	1.2	4255	1001	2.61
	1.4	4126	1052	2.75
	1.6	3975	1077	2.81
	1.8	3843	1128	2.95
	2.0	3566	1206	3.15
T10	0.2	4935	851	2.53
	0.4	4889	876	2.61
	0.6	4793	927	2.76
	0.8	4667	943	2.80
	1.0	4603	993	2.95
	1.2	4527	1028	3.06
	1.4	4465	1067	3.17
	1.6	4399	1067	3.17
	1.8	4327	1145	3.40
	2.0	4181	1168	3.47

shaded speed tap- Gas heating airflow.

**(T1) (T2) and (T6)(T7) are part load only.

7.5 Ton MODELS : DHG0903D, DHG0904D & DHG0907D with DDC Controls • Standard Static to 2.4 HP (0.2 ~ 0.8 Esp) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	-	-	-
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	-	-	-
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	-	-	-
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	-	-	-
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	-	-	-
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	-	-	-
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	-	-	-
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	-	-	-
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	-	-	-
3600	833	53	1.64	893	57	2.10	941	59	1.92				-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	-	-	-
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	-	-	-
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	-	-	-
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	-	-	-
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	-	-	-
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	-	-	-
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	-	-	-
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	-	-	-
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	-	-	-
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	-	-	-
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

7.5 Ton Models : DHG0903L, DHG0904L & DHG0907L with DDC Controls • Medium Static to 2.4 HP (0.2 ~ 1.4 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	449	16	0.28	516	17	0.36	577	18	0.41	656	20	0.55	742	24	0.66
1600	484	19	0.33	550	20	0.42	610	22	0.47	686	24	0.63	767	27	0.73
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	793	31	0.80
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	818	34	0.89
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	844	38	0.98
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	869	41	1.08
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	895	45	1.20
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	920	48	1.32
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	946	52	1.46
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	971	55	1.62
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	997	58	1.79
3600	833	53	1.64	893	57	2.10	941	59	1.92	989	61	2.57	1022	62	1.97
3800	868	57	1.92	927	60	2.47	975	62	2.21	1019	63	2.96			

THE TABLES ARE PROVIDED FOR REFERENCE ONLY TO SHOW DDC CONTROL SETTINGS RELATIONSHIP TO UNIT CFM. BLOWER SPEED SETTINGS MUST BE SET TO MEET THE MINIMUM REQUIRED CFM OF THEIR STAGES.

DOWNFLOW

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	853	27	0.87	853	29	0.96	-	-	-	-	-	-	-	-	-
1600	871	30	0.96	876	32	1.04	-	-	-	-	-	-	-	-	-
1800	890	34	1.06	899	36	1.12	-	-	-	-	-	-	-	-	-
2000	908	37	1.17	922	39	1.22	-	-	-	-	-	-	-	-	-
2200	926	40	1.30	945	42	1.32	-	-	-	-	-	-	-	-	-
2400	945	44	1.43	968	46	1.43	-	-	-	-	-	-	-	-	-
2600	963	47	1.58	991	49	1.55	-	-	-	-	-	-	-	-	-
2800	981	50	1.75	1015	53	1.68	-	-	-	-	-	-	-	-	-
3000	1000	54	1.94	1038	56	1.82	-	-	-	-	-	-	-	-	-
3200	1018	57	2.14	1061	59	1.97	-	-	-	-	-	-	-	-	-
3400	1036	61	2.36	1084	63	2.13	-	-	-	-	-	-	-	-	-
3600	1055	63	2.61				-	-	-	-	-	-	-	-	-
3800							-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	396	14	0.23	487	15	0.29	559	16	0.38	639	18	0.44	702	21	0.58
1600	426	17	0.27	514	18	0.33	585	20	0.44	661	22	0.50	724	25	0.64
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	745	28	0.70
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	766	31	0.78
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	787	35	0.86
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	809	38	0.95
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	830	42	1.05
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	851	45	1.16
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	872	49	1.28
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	894	52	1.41
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	915	55	1.56
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	936	59	1.73
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	957	62	1.91
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	754	25	0.85	825	27	0.93	-	-	-	-	-	-	-	-	-
1600	774	28	0.93	843	30	1.01	-	-	-	-	-	-	-	-	-
1800	795	31	1.03	862	34	1.10	-	-	-	-	-	-	-	-	-
2000	816	34	1.14	880	37	1.19	-	-	-	-	-	-	-	-	-
2200	836	38	1.26	898	40	1.29	-	-	-	-	-	-	-	-	-
2400	857	41	1.39	917	43	1.39	-	-	-	-	-	-	-	-	-
2600	878	44	1.54	935	46	1.51	-	-	-	-	-	-	-	-	-
2800	899	48	1.70	954	50	1.64	-	-	-	-	-	-	-	-	-
3000	919	51	1.88	972	53	1.77	-	-	-	-	-	-	-	-	-
3200	940	54	2.08	990	56	1.92	-	-	-	-	-	-	-	-	-
3400	961	57	2.30	1009	59	2.08	-	-	-	-	-	-	-	-	-
3600	981	61	2.54	1027	62	2.25	-	-	-	-	-	-	-	-	-
3800	1002	63	2.81				-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

7.5 Ton Models : DHG0903W, DHG0904W & DHG0907W with DDC Controls • High Static to 3.5 HP (0.2 ~ 2.0 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	793	31	0.80
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	818	34	0.89
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	844	38	0.98
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	869	41	1.08
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	895	45	1.20
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	920	48	1.32
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	946	52	1.46
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	971	55	1.62
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	997	58	1.79
3600	833	53	1.64	893	57	2.10	941	59	1.92	989	61	2.57	1022	62	1.97
3800	868	57	1.92	927	60	2.47	975	62	2.21	1019	64	2.96	1048	65	2.18
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	890	34	1.06	899	36	1.12	1023	39	1.42	1077	41	1.64	1129	44	1.90
2000	908	37	1.17	922	39	1.22	1036	42	1.54	1088	44	1.78	1140	47	2.06
2200	926	40	1.30	945	42	1.32	1048	46	1.66	1099	48	1.93	1151	50	2.23
2400	945	44	1.43	968	46	1.43	1060	49	1.80	1110	51	2.09	1161	53	2.41
2600	963	47	1.58	991	49	1.55	1073	52	1.95	1122	54	2.26	1172	57	2.61
2800	981	50	1.75	1015	53	1.68	1085	55	2.12	1133	58	2.45	1183	60	2.83
3000	1000	54	1.94	1038	56	1.82	1097	58	2.29	1144	61	2.65	1194	63	3.07
3200	1018	57	2.14	1061	59	1.97	1110	62	2.48	1155	64	2.87	1204	67	3.32
3400	1036	61	2.36	1084	63	2.13	1122	65	2.69	1166	67	3.11	1215	70	3.60
3600	1055	64	2.61	1107	66	2.31	1134	68	2.91	1178	71	3.37	1226	73	3.90
3800	1073	67	2.89	1130	70	2.50	1147	71	3.16	1189	74	3.65			

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	745	28	0.70
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	766	31	0.78
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	787	35	0.86
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	809	38	0.95
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	830	42	1.05
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	851	45	1.16
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	872	49	1.28
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	894	52	1.41
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	915	55	1.56
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	936	59	1.73
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	957	62	1.91
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	795	31	1.03	862	34	1.10	986	38	1.38	1040	41	1.33	1081	43	1.50
2000	816	34	1.14	880	37	1.19	992	41	1.50	1046	44	1.41	1088	46	1.59
2200	836	38	1.26	898	40	1.29	999	44	1.62	1053	47	1.50	1094	49	1.69
2400	857	41	1.39	917	43	1.39	1005	47	1.76	1059	49	1.59	1100	52	1.80
2600	878	44	1.54	935	46	1.51	1011	50	1.90	1066	52	1.69	1106	54	1.91
2800	899	48	1.70	954	50	1.64	1018	53	2.06	1072	55	1.80	1112	57	2.02
3000	919	51	1.88	972	53	1.77	1024	55	2.23	1079	58	1.91	1119	60	2.15
3200	940	54	2.08	990	56	1.92	1030	58	2.42	1085	60	2.02	1125	62	2.28
3400	961	57	2.30	1009	59	2.08	1037	61	2.62	1091	63	2.15	1131	65	2.42
3600	981	61	2.54	1027	62	2.25	1043	64	2.84	1098	66	2.28	1137	68	2.57
3800	1002	64	2.81	1046	66	2.44	1049	67	3.07	1104	69	2.42	1143	70	2.73

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

8.5 Ton HG1023D,DHG1024D & DHG1027D with DDC Controls • STANDARD STATIC TO 2.4 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										678	21	0.55	-	-	-
1800				557	21	0.42	635	23	0.57	702	25	0.62	-	-	-
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	-	-	-
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	-	-	-
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	-	-	-
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	-	-	-
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	-	-	-
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	-	-	-
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	-	-	-
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	-	-	-
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	-	-	-
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	-	-	-
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	-	-	-
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	-	-	-
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	-	-	-
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	-	-	-
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	-	-	-
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	-	-	-
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	-	-	-
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	-	-	-
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	-	-	-
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	-	-	-
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

8.5 Ton Models: DHG1023L,DHG1024L & DHG1027L with DDC Controls • Medium Static to 3.5 HP (0.2 ~1.4 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										678	21	0.55	757	23	0.73
1800				557	21	0.42	635	23	0.57	702	25	0.62	778	27	0.82
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	799	31	0.93
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	820	35	1.04
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	841	38	1.18
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	862	42	1.33
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	883	46	1.50
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	904	50	1.69
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	925	54	1.90
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	946	57	2.15
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	967	61	2.42
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	988	65	2.73

DOWNFLOW

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	834	25	0.79	799	28	1.04	-	-	-	-	-	-	-	-	-
1800	853	29	0.88	822	32	1.14	-	-	-	-	-	-	-	-	-
2000	873	33	0.97	845	35	1.27	-	-	-	-	-	-	-	-	-
2200	892	37	1.07	868	39	1.40	-	-	-	-	-	-	-	-	-
2400	912	41	1.18	891	42	1.55	-	-	-	-	-	-	-	-	-
2600	932	45	1.31	914	46	1.71	-	-	-	-	-	-	-	-	-
2800	951	49	1.45	937	50	1.89	-	-	-	-	-	-	-	-	-
3000	971	52	1.60	960	53	2.09	-	-	-	-	-	-	-	-	-
3200	991	56	1.77	983	57	2.31	-	-	-	-	-	-	-	-	-
3400	1010	60	1.95	1006	61	2.55	-	-	-	-	-	-	-	-	-
3600	1030	64	2.16	1029	64	2.82	-	-	-	-	-	-	-	-	-
3800	1049	68	2.39	1052	68	3.11	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	722	23	0.59
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	740	27	0.65
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	758	30	0.72
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	777	34	0.80
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	795	37	0.88
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	814	41	0.97
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	832	45	1.08
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	851	48	1.19
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	869	52	1.31
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	888	56	1.45
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	906	59	1.60
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	925	63	1.77
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	787	25	0.76	830	28	0.92	-	-	-	-	-	-	-	-	-
1800	804	28	0.84	847	32	1.00	-	-	-	-	-	-	-	-	-
2000	820	32	0.93	864	35	1.08	-	-	-	-	-	-	-	-	-
2200	837	36	1.02	881	39	1.17	-	-	-	-	-	-	-	-	-
2400	854	40	1.13	898	42	1.27	-	-	-	-	-	-	-	-	-
2600	870	43	1.25	915	46	1.37	-	-	-	-	-	-	-	-	-
2800	887	47	1.38	932	49	1.49	-	-	-	-	-	-	-	-	-
3000	904	51	1.53	949	53	1.61	-	-	-	-	-	-	-	-	-
3200	920	54	1.69	966	56	1.74	-	-	-	-	-	-	-	-	-
3400	937	58	1.87	983	60	1.89	-	-	-	-	-	-	-	-	-
3600	954	62	2.06	1000	63	2.05	-	-	-	-	-	-	-	-	-
3800	971	65	2.28	1017	67	2.22	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

8.5 TON MODELS: DHG1023W, DHG1024W & DHG1027W WITH DDC CONTROLS • HIGH STATIC TO 3.5 HP (0.2 ~ 2.0 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0					
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
1600										678	21	0.55	757	23	0.73			
1800				557	21	0.42	635	23	0.57	702	25	0.62	778	27	0.82			
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	799	31	0.93			
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	820	35	1.04			
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	841	38	1.18			
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	862	42	1.33			
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	883	46	1.50			
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	904	50	1.69			
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	925	54	1.90			
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	946	57	2.15			
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	967	61	2.42			
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	988	65	2.73			
4000	824	59	2.02	879	61	1.95	925	64	2.67	974	66	2.33	1009	69	3.08			
4200	856	62	2.37	908	65	2.25	951	68	3.07	998	70	2.63	1030	73	3.47			
CFM	1.2			1.4			1.6			1.8			2.0					
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
1600	834	25	0.79	799	28	1.04	872	30	1.08	945	33	1.29	1006	32	1.39			
1800	853	29	0.88	822	32	1.14	894	34	1.17	965	37	1.40	1025	36	1.51			
2000	873	33	0.97	845	35	1.27	916	38	1.26	986	40	1.52	1045	40	1.63			
2200	892	37	1.07	868	39	1.40	938	41	1.37	1007	44	1.64	1064	44	1.77			
2400	912	41	1.18	891	42	1.55	960	45	1.48	1028	47	1.78	1084	48	1.92			
2600	932	45	1.31	914	46	1.71	982	49	1.61	1049	51	1.93	1103	52	2.08			
2800	951	49	1.45	937	50	1.89	1004	52	1.74	1070	55	2.09	1122	57	2.25			
3000	971	52	1.60	960	53	2.09	1026	56	1.88	1091	58	2.27	1142	61	2.44			
3200	991	56	1.77	983	57	2.31	1048	60	2.04	1112	62	2.45	1161	65	2.64			
3400	1010	60	1.95	1006	61	2.55	1070	63	2.21	1133	66	2.66	1180	69	2.86			
3600	1030	64	2.16	1029	64	2.82	1092	67	2.39	1154	69	2.88	1200	73	3.10			
3800	1049	68	2.39	1052	68	3.11	1114	70	2.59	1175	73	3.12						
4000	1069	72	2.64	1075	71	3.44	1136	74	2.81									
4200	1089	74	2.91	1098	74	3.80												

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	722	23	0.59
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	740	27	0.65
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	758	30	0.72
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	777	34	0.80
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	795	37	0.88
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	814	41	0.97
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	832	45	1.08
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	851	48	1.19
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	869	52	1.31
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	888	56	1.45
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	906	59	1.60
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	925	63	1.77
4000	741	58	1.94	797	60	1.91	846	62	1.74	898	64	2.30	943	67	1.96
4200	769	61	2.27	822	63	2.19	869	65	1.96	918	68	2.60	962	70	2.17
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	787	25	0.76	830	28	0.92	908	31	1.24	950	33	1.27	978	36	1.59
1800	804	28	0.84	847	32	1.00	922	35	1.35	964	37	1.35	993	39	1.69
2000	820	32	0.93	864	35	1.08	936	38	1.46	978	40	1.43	1009	42	1.79
2200	837	36	1.02	881	39	1.17	950	42	1.58	992	44	1.52	1024	46	1.90
2400	854	40	1.13	898	42	1.27	964	45	1.71	1006	47	1.62	1039	49	2.02
2600	870	43	1.25	915	46	1.37	977	48	1.85	1020	51	1.72	1054	53	2.15
2800	887	47	1.38	932	49	1.49	991	52	2.01	1033	54	1.82	1069	56	2.28
3000	904	51	1.53	949	53	1.61	1005	55	2.17	1047	58	1.93	1084	60	2.42
3200	920	54	1.69	966	56	1.74	1019	59	2.36	1061	61	2.05	1099	63	2.57
3400	937	58	1.87	983	60	1.89	1033	62	2.55	1075	65	2.18	1115	67	2.73
3600	954	62	2.06	1000	63	2.05	1047	66	2.76	1089	68	2.32	1130	70	2.90
3800	971	65	2.28	1017	67	2.22	1060	69	2.99	1103	71	2.46	1145	74	3.08
4000	987	69	2.52	1034	70	2.40	1074	73	3.24	1116	74	2.61			
4200	1004	73	2.78	1051	74	2.60									

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DHG1203D, DHG1204D & DHG1207D WITH DDC CONTROLS • STANDARD STATIC TO 2.4 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000				582	20	0.55	644	20	0.65	712	21	0.81	-	-	-
2200	533	21	0.43	610	24	0.62	671	25	0.73	737	26	0.91	-	-	-
2400	563	25	0.49	638	28	0.70	699	29	0.82	763	30	1.03	-	-	-
2600	593	29	0.55	666	32	0.79	726	33	0.93	789	35	1.16	-	-	-
2800	622	32	0.62	694	36	0.89	754	37	1.05	814	39	1.31	-	-	-
3000	652	36	0.70	723	40	1.00	781	42	1.18	840	44	1.47	-	-	-
3200	681	40	0.79	751	44	1.13	809	46	1.33	866	48	1.66	-	-	-
3400	711	44	0.89	779	48	1.27	836	50	1.50	891	52	1.87	-	-	-
3600	740	48	1.00	807	52	1.43	864	54	1.69	917	57	2.11	-	-	-
3800	770	52	1.13	835	56	1.61	891	59	1.90	943	61	2.38	-	-	-
4000	800	56	1.27	863	60	1.82	919	63	2.15				-	-	-
4200	829	60	1.44	892	63	2.05							-	-	-

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000							607	20	0.60	685	22	0.64	-	-	-
2200	473	19	0.42	552	21	0.48	628	24	0.68	704	26	0.71	-	-	-
2400	499	23	0.49	576	25	0.54	650	28	0.77	723	30	0.78	-	-	-
2600	525	27	0.56	600	29	0.61	671	32	0.86	742	34	0.87	-	-	-
2800	551	31	0.65	623	33	0.69	693	35	0.97	762	38	0.96	-	-	-
3000	578	35	0.74	647	37	0.77	714	39	1.10	781	42	1.06	-	-	-
3200	604	39	0.85	671	41	0.87	736	43	1.24	800	46	1.17	-	-	-
3400	630	43	0.98	695	45	0.98	757	47	1.40	819	50	1.29	-	-	-
3600	656	47	1.13	719	49	1.11	779	51	1.57	839	54	1.43	-	-	-
3800	682	51	1.30	743	53	1.25	800	55	1.78	858	58	1.58	-	-	-
4000	708	55	1.49	767	57	1.41	822	59	2.00	877	62	1.75	-	-	-
4200	734	59	1.72	791	61	1.59	843	63	2.26				-	-	-

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DDHG1203L, DHG1204L & DHG1207L WITH DDC CONTROLS • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800													765	21	0.87
2000	504	17	0.38	582	20	0.55	644	20	0.65	712	21	0.81	788	25	0.97
2200	533	21	0.43	610	24	0.62	671	25	0.73	737	26	0.91	810	30	1.07
2400	563	25	0.49	638	28	0.70	699	29	0.82	763	30	1.03	833	34	1.18
2600	593	29	0.55	666	32	0.79	726	33	0.93	789	35	1.16	856	38	1.30
2800	622	32	0.62	694	36	0.89	754	37	1.05	814	39	1.31	878	42	1.44
3000	652	36	0.70	723	40	1.00	781	42	1.18	840	44	1.47	901	47	1.59
3200	681	40	0.79	751	44	1.13	809	46	1.33	866	48	1.66	923	51	1.76
3400	711	44	0.89	779	48	1.27	836	50	1.50	891	52	1.87	946	55	1.95
3600	740	48	1.00	807	52	1.43	864	54	1.69	917	57	2.11	969	59	2.15
3800	770	52	1.13	835	56	1.61	891	59	1.90	943	61	2.38	991	64	2.38
4000	800	56	1.27	863	60	1.82	919	63	2.15	968	66	2.68	1014	68	2.63
4200	829	60	1.44	892	64	2.05	946	67	2.42	994	70	3.02	1037	72	2.90
4400	859	64	1.62	920	68	2.31	974	72	2.73	1020	74	3.41	1059	74	3.21
4600	888	68	1.82	948	72	2.61	1001	74	3.08						
4800	918	71	2.06	976	74	2.94									
5000	947	74	2.32												

DOWNFLOW

DOWNFLOW

CFM	1.2			1.4			1.6			1.8			2.0					
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
1800	867	27	1.00	887	31	1.26	-	-	-	-	-	-	-	-	-			
2000	885	31	1.09	906	35	1.37	-	-	-	-	-	-	-	-	-			
2200	903	35	1.18	926	38	1.48	-	-	-	-	-	-	-	-	-			
2400	921	39	1.28	945	42	1.61	-	-	-	-	-	-	-	-	-			
2600	939	43	1.38	965	46	1.74	-	-	-	-	-	-	-	-	-			
2800	956	47	1.50	985	50	1.89	-	-	-	-	-	-	-	-	-			
3000	974	51	1.62	1004	54	2.04	-	-	-	-	-	-	-	-	-			
3200	992	55	1.76	1024	58	2.21	-	-	-	-	-	-	-	-	-			
3400	1010	59	1.90	1044	62	2.40	-	-	-	-	-	-	-	-	-			
3600	1028	63	2.06	1063	66	2.60	-	-	-	-	-	-	-	-	-			
3800	1046	67	2.23	1083	70	2.81	-	-	-	-	-	-	-	-	-			
4000	1064	71	2.42	1103	73	3.05	-	-	-	-	-	-	-	-	-			
4200	1082	74	2.62				-	-	-	-	-	-	-	-	-			
4400							-	-	-	-	-	-	-	-				
4600							-	-	-	-	-	-	-	-				
4800							-	-	-	-	-	-	-	-	-			
5000							-	-	-	-	-	-	-	-	-			

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800													740	21	0.85
2000	447	15	0.37	528	17	0.42	607	20	0.60	685	22	0.64	758	25	0.94
2200	473	19	0.42	552	21	0.48	628	24	0.68	704	26	0.71	775	29	1.04
2400	499	23	0.49	576	25	0.54	650	28	0.77	723	30	0.78	792	33	1.15
2600	525	27	0.56	600	29	0.61	671	32	0.86	742	34	0.87	809	37	1.27
2800	551	31	0.65	623	33	0.69	693	35	0.97	762	38	0.96	827	41	1.41
3000	578	35	0.74	647	37	0.77	714	39	1.10	781	42	1.06	844	45	1.56
3200	604	39	0.85	671	41	0.87	736	43	1.24	800	46	1.17	861	49	1.72
3400	630	43	0.98	695	45	0.98	757	47	1.40	819	50	1.29	879	53	1.90
3600	656	47	1.13	719	49	1.11	779	51	1.57	839	54	1.43	896	56	2.10
3800	682	51	1.30	743	53	1.25	801	55	1.78	858	58	1.58	913	60	2.32
4000	708	55	1.49	767	57	1.41	822	59	2.00	877	62	1.75	931	64	2.56
4200	734	59	1.72	791	61	1.59	844	63	2.26	896	66	1.93	948	68	2.83
4400	760	63	1.98	814	65	1.79	865	67	2.54	916	70	2.13	965	72	3.13
4600	786	67	2.28	838	69	2.02	887	71	2.87	935	74	2.36	982	74	3.46
4800	812	71	2.62	862	73	2.28	908	74	3.24						
5000	838	74	3.01												
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	810	24	0.95	848	28	1.29	-	-	-	-	-	-	-	-	-
2000	825	28	1.02	863	32	1.40	-	-	-	-	-	-	-	-	-
2200	841	32	1.11	879	36	1.51	-	-	-	-	-	-	-	-	-
2400	856	36	1.20	895	40	1.64	-	-	-	-	-	-	-	-	-
2600	871	39	1.30	910	43	1.77	-	-	-	-	-	-	-	-	-
2800	886	43	1.41	926	47	1.92	-	-	-	-	-	-	-	-	-
3000	902	47	1.53	942	51	2.08	-	-	-	-	-	-	-	-	-
3200	917	51	1.66	957	55	2.26	-	-	-	-	-	-	-	-	-
3400	932	55	1.79	973	58	2.44	-	-	-	-	-	-	-	-	-
3600	948	59	1.94	989	62	2.65	-	-	-	-	-	-	-	-	-
3800	963	63	2.11	1004	66	2.87	-	-	-	-	-	-	-	-	-
4000	978	67	2.28	1020	70	3.11	-	-	-	-	-	-	-	-	-
4200	994	71	2.47	1036	74	3.37	-	-	-	-	-	-	-	-	-
4400	1009	74	2.68				-	-	-	-	-	-	-	-	-
4600							-	-	-	-	-	-	-	-	-
4800							-	-	-	-	-	-	-	-	-
5000							-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DHG1203W, DHG1204W & DHG1207W WITH DDC CONTROLS • HIGH STATIC TO 5.0 HP (0.2 ~ 2.0 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800															
2000	492	20	0.40	538	9	0.48	629	14	0.68	713	17	0.80	772	21	0.79
2200	522	23	0.46	569	13	0.54	657	19	0.76	738	22	0.91	796	25	0.87
2400	552	27	0.53	600	18	0.61	684	23	0.86	763	26	1.02	820	29	0.96
2600	583	30	0.61	631	22	0.69	712	27	0.97	787	30	1.15	844	34	1.06
2800	613	33	0.71	662	27	0.78	740	32	1.10	812	35	1.30	867	38	1.18
3000	643	37	0.81	693	32	0.87	768	36	1.23	837	39	1.47	891	42	1.30
3200	673	40	0.93	724	36	0.99	796	40	1.39	862	43	1.65	915	46	1.44
3400	704	44	1.07	755	41	1.11	823	45	1.57	886	48	1.86	938	51	1.59
3600	734	47	1.24	786	45	1.25	851	49	1.77	911	52	2.10	962	55	1.76
3800	764	51	1.42	817	50	1.41	879	53	2.00	936	56	2.37	986	59	1.94
4000	794	54	1.63	847	55	1.59	907	58	2.25	961	61	2.67	1009	63	2.14
4200	825	57	1.88	878	59	1.80	935	62	2.54	985	65	3.01	1033	68	2.37
4400	855	61	2.16	909	64	2.03	962	66	2.86	1010	69	3.40	1057	72	2.62
4600	885	64	2.49	940	68	2.28	990	71	3.22	1035	74	3.83	1080	76	2.89
4800	915	68	2.86	971	73	2.58	1018	75	3.64	1060	78	4.32	1104	80	3.20
5000	945	71	3.29	1002	78	2.90	1046	80	4.10	1084	82	4.87	1128	85	3.54
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	855	24	1.04	947	29	1.15	962	28	1.16	985	31	1.21	1056	33	1.42
2000	874	28	1.14	961	33	1.25	978	32	1.26	1003	34	1.31	1071	37	1.54
2200	892	32	1.26	976	37	1.35	995	36	1.36	1021	38	1.42	1085	41	1.66
2400	911	35	1.40	991	40	1.47	1012	40	1.47	1038	42	1.54	1100	45	1.80
2600	930	39	1.54	1006	44	1.59	1028	44	1.60	1056	46	1.67	1115	49	1.95
2800	949	43	1.71	1020	48	1.72	1045	48	1.73	1074	50	1.81	1130	52	2.12
3000	968	47	1.89	1035	51	1.86	1061	52	1.87	1092	54	1.96	1145	56	2.29
3200	987	51	2.09	1050	55	2.02	1078	56	2.03	1109	58	2.12	1160	60	2.48
3400	1005	55	2.30	1064	58	2.19	1095	60	2.20	1127	62	2.30	1175	64	2.69
3600	1024	59	2.55	1079	62	2.37	1111	63	2.38	1145	66	2.49	1190	68	2.91
3800	1043	63	2.81	1094	66	2.57	1128	67	2.58	1163	70	2.69	1205	72	3.16
4000	1062	67	3.11	1109	69	2.78	1145	71	2.79	1180	73	2.92	1220	75	3.42
4200	1081	70	3.44	1123	73	3.01	1161	75	3.03	1198	77	3.16	1235	79	3.70
4400	1100	74	3.80	1138	77	3.26	1178	79	3.28	1216	81	3.42	1250	83	4.01
4600	1118	78	4.20	1153	80	3.53	1194	83	3.55	1234	85	3.71	1264	87	4.35
4800	1137	82	4.64	1167	84	3.83	1211	87	3.85	1251	89	4.02	1279	90	4.71
5000	1156	86	5.13	1182	88	4.15	1228	90	4.17						

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800										662	21	0.64	752	25	0.82
2000	445	18	0.33	509	17	0.50	606	21	0.55	681	24	0.70	769	28	0.91
2200	471	22	0.37	534	20	0.56	629	24	0.61	701	28	0.78	786	32	1.00
2400	497	25	0.42	560	24	0.63	651	28	0.67	721	32	0.86	804	35	1.11
2600	522	29	0.47	585	28	0.72	673	32	0.74	741	35	0.95	821	39	1.22
2800	548	32	0.53	610	32	0.81	695	36	0.82	761	39	1.05	838	42	1.35
3000	574	36	0.60	636	36	0.91	717	39	0.91	781	42	1.16	855	46	1.49
3200	600	39	0.68	661	40	1.03	739	43	1.00	801	46	1.28	873	49	1.65
3400	625	43	0.77	686	44	1.16	761	47	1.11	821	50	1.42	890	53	1.83
3600	651	47	0.86	712	47	1.30	783	51	1.23	841	53	1.56	907	56	2.02
3800	677	50	0.97	737	51	1.47	805	54	1.35	861	57	1.73	924	60	2.23
4000	703	54	1.10	762	55	1.66	827	58	1.50	881	60	1.91	941	63	2.46
4200	728	57	1.24	787	59	1.87	849	62	1.65	901	64	2.11	959	67	2.72
4400	754	61	1.40	813	63	2.11	871	66	1.83	921	68	2.33	976	70	3.01
4600	780	64	1.57	838	67	2.38	893	69	2.02	941	71	2.58	993	74	3.33
4800	806	68	1.77	863	70	2.68	916	73	2.23	961	75	2.85	1010	77	3.68
5000	831	72	2.00	889	74	3.02	938	77	2.47	981	78	3.15	1028	81	4.06
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	860	31	0.96	942	29	1.24	1012	33	1.45	1050	37	1.60	1105	40	1.63
2000	873	35	1.04	952	33	1.34	1021	37	1.58	1059	40	1.73	1111	43	1.73
2200	886	38	1.13	963	36	1.45	1030	40	1.71	1067	43	1.88	1116	46	1.84
2400	900	41	1.22	973	40	1.57	1039	43	1.85	1076	47	2.03	1122	50	1.95
2600	913	44	1.32	983	43	1.70	1049	47	2.00	1084	50	2.20	1127	53	2.07
2800	926	47	1.43	993	47	1.84	1058	50	2.17	1093	53	2.39	1133	56	2.20
3000	940	50	1.55	1003	50	2.00	1067	54	2.35	1101	56	2.59	1139	59	2.34
3200	953	54	1.68	1013	54	2.16	1076	57	2.55	1110	60	2.80	1144	62	2.48
3400	966	57	1.82	1023	57	2.34	1085	60	2.76	1118	63	3.03	1150	66	2.64
3600	980	60	1.98	1033	61	2.54	1094	64	2.99	1127	66	3.29	1155	69	2.80
3800	993	63	2.14	1043	64	2.75	1103	67	3.24	1135	69	3.56	1161	72	2.97
4000	1006	66	2.32	1053	68	2.98	1112	70	3.51	1144	73	3.86	1166	75	3.16
4200	1019	70	2.51	1063	71	3.23	1122	74	3.80	1152	76	4.18	1172	78	3.35
4400	1033	73	2.72	1073	75	3.49	1131	77	4.12	1161	79	4.53	1177	82	3.56
4600	1046	76	2.95	1083	78	3.79	1140	81	4.46	1169	83	4.90	1183	85	3.78
4800	1059	79	3.19	1094	82	4.10	1149	84	4.83	1178	86	5.31	1188	88	4.01
5000	1073	82	3.46	1104	85	4.44	1158	87	5.23	1186	89	5.76	1194	90	4.26

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

12.5 TON MODELS: DHG1503D, DHG1504D & DHG1507D WITH DDC CONTROLS • STANDARD STATIC TO 3.5 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000							601	20	0.62	677	22	0.67	-	-	-
2200	537	21	0.51	595	23	0.66	627	24	0.70	700	27	0.75	-	-	-
2400	561	25	0.58	620	27	0.75	653	28	0.79	724	31	0.85	-	-	-
2600	585	29	0.65	644	31	0.84	680	33	0.89	747	35	0.96	-	-	-
2800	610	33	0.74	668	35	0.95	706	37	1.00	770	39	1.08	-	-	-
3000	634	37	0.83	692	39	1.07	733	41	1.13	793	43	1.22	-	-	-
3200	658	41	0.93	717	43	1.21	759	45	1.28	817	47	1.37	-	-	-
3400	682	45	1.05	741	47	1.36	786	49	1.44	840	51	1.55	-	-	-
3600	707	49	1.19	765	52	1.54	812	54	1.62	863	56	1.74	-	-	-
3800	731	54	1.34	789	56	1.73	838	58	1.83	886	60	1.97	-	-	-
4000	755	58	1.51	814	60	1.96	865	62	2.06	909	64	2.22	-	-	-
4200	779	62	1.70	838	64	2.20	891	66	2.33	933	68	2.50	-	-	-
4400	804	66	1.92	862	68	2.49	918	70	2.62	956	72	2.82	-	-	-
4600	828	70	2.16	886	72	2.80	944	74	2.96	979	74	3.18	-	-	-

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000													-	-	-
2200											691	22	0.70	-	-
2400	520	23	0.57	577	18	0.62	653	24	0.66	713	26	0.77	-	-	-
2600	547	27	0.65	603	23	0.70	677	29	0.73	736	31	0.85	-	-	-
2800	574	31	0.73	630	28	0.79	700	33	0.81	759	35	0.94	-	-	-
3000	601	36	0.82	657	33	0.89	724	38	0.89	781	40	1.04	-	-	-
3200	629	40	0.93	683	38	1.00	748	42	0.99	804	45	1.15	-	-	-
3400	656	44	1.05	710	43	1.13	772	47	1.09	827	49	1.27	-	-	-
3600	683	48	1.18	736	48	1.27	796	51	1.21	849	54	1.41	-	-	-
3800	710	53	1.33	763	52	1.43	820	56	1.33	872	58	1.56	-	-	-
4000	737	57	1.50	789	57	1.62	844	60	1.47	895	63	1.72	-	-	-
4200	764	61	1.69	816	62	1.82	868	65	1.63	917	67	1.90	-	-	-
4400	791	66	1.91	842	67	2.06	892	70	1.80	940	72	2.10	-	-	-
4600	819	70	2.15	869	72	2.32	916	74	1.99	963	74	2.32	-	-	-
4800	846	74	2.42	896	74	2.61							-	-	-

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

12.5 TON MODELS: DHG1503L, DHG1504L & DHG1507L WITH DDC CONTROLS • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0					
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
2200	537	21	0.51	595	23	0.66	627	24	0.70	700	27	0.76	764	29	0.87			
2400	561	25	0.58	620	27	0.75	653	28	0.79	724	31	0.84	785	33	0.96			
2600	585	29	0.65	644	31	0.84	680	33	0.89	747	35	0.93	806	37	1.06			
2800	610	33	0.74	668	35	0.95	706	37	1.00	770	39	1.03	827	41	1.18			
3000	634	37	0.83	692	39	1.07	733	41	1.13	793	43	1.14	848	45	1.30			
3200	658	41	0.93	717	43	1.21	759	45	1.28	817	47	1.26	869	49	1.44			
3400	682	45	1.05	741	47	1.36	786	49	1.44	840	51	1.39	890	53	1.59			
3600	707	49	1.19	765	52	1.54	812	54	1.62	863	56	1.54	911	58	1.76			
3800	731	54	1.34	789	56	1.73	838	58	1.83	886	60	1.70	932	62	1.94			
4000	755	58	1.51	814	60	1.96	865	62	2.06	909	64	1.88	953	66	2.14			
4200	779	62	1.70	838	64	2.20	891	66	2.33	933	68	2.08	974	70	2.37			
4400	804	66	1.92	862	68	2.49	918	70	2.62	956	72	2.30	995	74	2.62			
4600	828	70	2.16	886	72	2.80	944	74	2.96	979	74	2.54						
4800	852	74	2.44	911	74	3.16												
5000																		
CFM																1.2		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
2200	825	31	1.09	938	42	0.93	-	-	-	-	-	-	-	-	-			
2400	844	35	1.20	949	45	1.20	-	-	-	-	-	-	-	-	-			
2600	863	39	1.33	961	48	1.33	-	-	-	-	-	-	-	-	-			
2800	883	43	1.47	972	51	1.47	-	-	-	-	-	-	-	-	-			
3000	902	48	1.62	984	54	1.62	-	-	-	-	-	-	-	-	-			
3200	921	52	1.79	996	57	1.79	-	-	-	-	-	-	-	-	-			
3400	940	56	1.98	1007	60	1.98	-	-	-	-	-	-	-	-	-			
3600	959	60	2.19	1019	63	2.19	-	-	-	-	-	-	-	-	-			
3800	978	64	2.42	1030	66	2.42	-	-	-	-	-	-	-	-	-			
4000	997	68	2.67	1042	69	2.67	-	-	-	-	-	-	-	-	-			
4200	1016	72	2.96	1054	72	2.96	-	-	-	-	-	-	-	-	-			
4400	1036	74	3.27	1065	74	3.27	-	-	-	-	-	-	-	-	-			
4600							-	-	-	-	-	-	-	-	-			
4800							-	-	-	-	-	-	-	-				
5000							-	-	-	-	-	-	-	-				

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.