

**Performance Data**

# Evaporator Fan Performance

**Table 9. Belt drive evaporator fan performance - 7.5 tons with low gas heat - GDK090A(3,4)EL - downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit												Standard Motor							
2400	-	-	-	-	-	-	575	0.92	612	0.99	651	1.13	678	1.20	707	1.23	723	1.29	749	1.41
2700	-	-	-	-	574	0.94	606	1.01	643	1.11	679	1.26	706	1.43	736	1.49	755	1.45	779	1.57
3000	-	-	574	1.03	600	1.15	631	1.21	667	1.32	710	1.39	731	1.53	755	1.65	777	1.77	807	1.90
3300	562	1.18	593	1.22	627	1.30	665	1.38	710	1.51	736	1.65	760	1.76	790	1.89	810	2.05	832	2.18
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
2400	775	1.62	798	1.58	830	1.69	852	1.81	875	1.97	899	2.07	924	2.2	945	2.29	971	2.40	994	2.50
2700	805	1.68	836	1.81	861	1.95	884	2.06	907	2.17	929	2.28	952	2.41	974	2.50	996	2.59	1019	2.70
3000	829	2.02	850	2.17	875	2.28	896	2.41	918	2.52	939	2.63	963	2.73	985	2.84	1008	2.96	1031	3.05
3300	854	2.32	878	2.45	898	2.58	920	2.70	943	2.81	966	2.91	989	3.02	-	-	-	-	-	-

**Table 10. Belt drive evaporator fan performance - 7.5 tons with low gas heat - GDK090A(3,4)EL - horizontal airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit												Standard Motor							
2400	-	-	-	-	-	-	586	1.00	623	1.07	663	1.22	691	1.30	720	1.33	737	1.40	763	1.53
2700	-	-	-	-	585	1.00	617	1.08	655	1.18	692	1.34	719	1.52	750	1.59	769	1.54	794	1.67
3000	-	-	585	1.09	611	1.21	643	1.28	679	1.39	723	1.47	745	1.61	769	1.74	791	1.87	822	2.00
3300	572	1.24	604	1.28	639	1.36	677	1.45	723	1.58	750	1.73	774	1.85	805	1.98	825	2.15	848	2.29
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
2400	789	1.75	813	1.71	845	1.83	868	1.96	891	2.13	916	2.24	941	2.38	963	2.48	989	2.60	1013	2.70
2700	820	1.79	852	1.93	877	2.08	900	2.19	924	2.31	946	2.43	970	2.56	992	2.66	1015	2.76	1038	2.87
3000	844	2.13	866	2.29	891	2.41	913	2.54	935	2.66	957	2.77	981	2.88	1003	3.00	1027	3.12	1050	3.22
3300	870	2.43	894	2.57	915	2.7	937	2.83	961	2.95	984	3.05	1007	3.17	-	-	-	-	-	-

Table 11. Belt drive evaporator fan performance - 7.5 tons with med gas heat - GDK090A(3,4)EM -downflow airflow

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Low Airflow Kit													Standard Motor							
2400	-	-	-	-	554	0.94	584	0.98	622	1.05	661	1.21	689	1.28	718	1.31	736	1.37	761	1.51
2700	-	-	558	0.95	584	1.00	615	1.06	654	1.17	690	1.33	717	1.51	748	1.57	767	1.53	792	1.66
3000	546	1.09	584	1.08	610	1.21	642	1.26	677	1.38	721	1.46	744	1.59	768	1.72	789	1.85	820	1.98
3300	570	1.23	603	1.27	638	1.35	676	1.44	722	1.57	747	1.71	772	1.84	803	1.97	823	2.13	846	2.27
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Standard Motor							High Static (oversize) Motor													
2400	788	1.73	811	1.68	843	1.80	866	1.93	889	2.11	913	2.22	939	2.35	961	2.44	986	2.56	1011	2.66
2700	818	1.77	849	1.91	874	2.06	898	2.17	921	2.29	944	2.40	967	2.53	990	2.63	1013	2.74	1036	2.84
3000	841	2.11	864	2.28	889	2.39	911	2.52	933	2.64	954	2.75	978	2.86	1003	2.97	-	-	-	-
3300	869	2.41	892	2.56	913	2.68	935	2.81	959	2.92	990	3.04	-	-	-	-	-	-	-	-

Table 12. Belt drive evaporator fan performance - 7.5 tons with med gas heat - GDK090A(3,4)EM - horizontal airflow

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Low Airflow Kit													Standard Motor							
2400	-	-	-	-	564	1.01	595	1.06	633	1.13	673	1.30	702	1.38	731	1.41	749	1.48	775	1.63
2700	-	-	568	1.01	594	1.06	626	1.13	665	1.24	702	1.41	729	1.60	761	1.67	780	1.62	806	1.76
3000	555	1.15	593	1.14	620	1.27	652	1.33	688	1.45	733	1.54	756	1.68	780	1.81	802	1.95	833	2.09
3300	579	1.29	612	1.33	648	1.41	686	1.51	733	1.64	759	1.79	784	1.93	815	2.06	836	2.23	859	2.38
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Standard Motor							High Static (oversize) Motor													
2400	802	1.86	826	1.81	858	1.94	882	2.08	905	2.27	930	2.39	956	2.53	978	2.63	1004	2.76	1029	2.86
2700	832	1.88	864	2.03	889	2.19	913	2.30	937	2.43	960	2.55	984	2.69	1007	2.79	1030	2.91	1054	3.02
3000	855	2.22	878	2.40	903	2.52	926	2.66	948	2.78	970	2.90	994	3.01	-	-	-	-	-	-
3300	882	2.52	906	2.68	927	2.81	949	2.94	974	3.06	-	-	-	-	-	-	-	-	-	-

Table 13. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - downflow airflow

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Low Airflow Kit													Standard Motor							
2400	-	-	531	0.90	561	0.98	592	1.03	630	1.10	670	1.25	698	1.33	727	1.37	745	1.43	770	1.57
2700	535	1.00	566	1.07	591	1.03	623	1.10	662	1.20	699	1.36	726	1.55	758	1.62	777	1.58	802	1.71

**Performance Data**

**Table 13. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - downflow airflow (continued)**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit												Standard Motor							
3000	553	1.13	590	1.17	617	1.23	649	1.30	685	1.41	729	1.50	752	1.63	776	1.77	799	1.91	830	2.04
3300	576	1.26	609	1.31	644	1.37	682	1.48	729	1.6	756	1.76	780	1.88	811	2.01	831	2.19	854	2.33
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
2400	798	1.79	821	1.75	854	1.88	877	2.01	900	2.19	925	2.30	951	2.44	973	2.54	999	2.67	1024	2.77
2700	828	1.84	860	1.98	885	2.13	909	2.24	933	2.36	956	2.49	979	2.62	1002	2.71	1025	2.82	-	-
3000	851	2.17	874	2.33	899	2.46	921	2.59	943	2.71	966	2.83	990	2.94	-	-	-	-	-	-
3300	877	2.46	900	2.62	922	2.75	943	2.87	-	-	-	-	-	-	-	-	-	-	-	-

**Table 14. Belt drive evaporator fan performance - 7.5 tons with high gas heat - GDK090A(3,4)EH - horizontal airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
2400	-	-	541	0.97	571	1.05	603	1.11	641	1.18	682	1.35	711	1.43	740	1.47	758	1.54	784	1.69
2700	544	1.06	576	1.14	601	1.09	634	1.17	673	1.28	711	1.45	738	1.65	771	1.72	790	1.68	816	1.82
3000	562	1.19	599	1.23	627	1.30	659	1.37	696	1.49	741	1.58	764	1.72	788	1.87	812	2.01	843	2.15
3300	585	1.32	619	1.37	655	1.44	693	1.55	741	1.68	768	1.84	793	1.97	824	2.11	845	2.29	868	2.44
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
2400	812	1.93	836	1.88	869	2.02	893	2.16	916	2.36	942	2.48	968	2.63	990	2.73	1017	2.87	1042	2.98
2700	842	1.95	875	2.10	900	2.26	924	2.38	949	2.51	972	2.64	996	2.78	1019	2.88	1042	3.00	-	-
3000	865	2.29	888	2.46	913	2.59	936	2.73	958	2.86	982	2.98	1006	3.10	-	-	-	-	-	-
3300	891	2.58	915	2.74	937	2.88	959	3.01	-	-	-	-	-	-	-	-	-	-	-	-

**Table 15. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
2400	-	-	-	-	-	-	560	0.84	596	0.89	634	1.02	660	1.09	688	1.12	705	1.17	729	1.28
2700	-	-	-	-	561	0.87	591	0.93	628	1.01	663	1.15	689	1.31	719	1.37	737	1.33	761	1.44
3000	-	-	561	0.95	586	1.05	617	1.11	651	1.20	693	1.28	715	1.39	738	1.50	759	1.62	789	1.73
3300	550	1.11	581	1.15	614	1.22	651	1.30	695	1.42	721	1.55	744	1.67	774	1.78	793	1.93	815	2.06

**Table 15. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - downflow airflow (continued)**

External Static Pressure (Inches of Water)																					
1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0			
RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
Standard Motor								High Static (oversize) Motor													
755	1.47	777	1.43	808	1.53	830	1.64	852	1.79	875	1.88	900	1.99	921	2.07	945	2.18	969	2.26		
786	1.54	816	1.67	840	1.80	863	1.89	885	1.99	907	2.09	929	2.21	951	2.29	973	2.38	995	2.48		
809	1.85	831	1.99	855	2.09	876	2.20	897	2.31	918	2.40	941	2.50	963	2.60	985	2.71	1006	2.82		
837	2.18	859	2.31	880	2.43	900	2.54	924	2.65	946	2.74	968	2.85	1001	2.97	-	-	-	-		

**Table 16. Belt drive evaporator fan performance - 7.5 tons cooling only - EDK090A(3,4)E0 - horizontal airflow**

External Static Pressure (Inches of Water)																						
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0			
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
	Low Airflow Kit										Standard Motor											
2400	-	-	-	-	-	-	571	0.91	607	0.97	646	1.11	673	1.18	701	1.21	718	1.27	743	1.39		
2700	-	-	-	-	571	0.93	602	1.00	639	1.09	675	1.24	701	1.41	732	1.47	750	1.52	775	1.64		
3000	-	-	571	1.00	597	1.11	628	1.17	663	1.27	706	1.37	728	1.49	751	1.62	773	1.74	803	1.86		
3300	559	1.17	591	1.21	625	1.28	662	1.37	707	1.49	733	1.63	757	1.75	787	1.87	807	2.03	829	2.16		
External Static Pressure (Inches of Water)																						
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0			
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
	Standard Motor								High Static (oversize) Motor													
2400	769	1.59	792	1.72	823	1.84	846	1.97	868	2.15	892	2.26	917	2.39	938	2.50	963	2.61	987	2.72		
2700	800	1.76	831	1.89	855	2.04	878	2.15	901	2.26	923	2.38	946	2.51	968	2.61	990	2.71	1013	2.82		
3000	824	1.99	846	2.14	870	2.25	892	2.37	913	2.48	935	2.59	958	2.69	980	2.80	1003	2.91	1024	3.03		
3300	851	2.29	874	2.43	895	2.55	916	2.67	940	2.78	962	2.88	985	2.99	-	-	-	-	-	-		

**Table 17. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - downflow airflow**

External Static Pressure (Inches of Water)																						
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0			
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
	Low Airflow Kit										Standard Motor											
2700	-	-	-	-	575	0.93	606	1	643	1.1	680	1.24	706	1.41	737	1.48	755	1.43	780	1.55		
3050	-	-	581	1.04	607	1.15	638	1.21	674	1.32	718	1.39	739	1.53	764	1.66	786	1.78	816	1.90		
3400	580	1.21	612	1.25	647	1.33	686	1.41	733	1.55	761	1.69	784	1.81	816	1.94	836	2.10	859	2.24		
3750	636	1.34	673	1.38	711	1.47	753	1.57	805	1.71	835	1.86	862	1.99	896	2.14	918	2.32	943	2.47		
External Static Pressure (Inches of Water)																						
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0			
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
	Standard Motor								High Static (oversize) Motor													
2700	805	1.66	837	1.79	861	1.93	884	2.03	908	2.15	929	2.26	953	2.38	974	2.47	997	2.56	1020	2.67		
3050	838	2.02	860	2.17	885	2.29	906	2.42	928	2.53	951	2.64	974	2.74	996	2.85	1019	2.97	1043	3.06		

**Performance Data**

**Table 17. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - downflow airflow (continued)**

		External Static Pressure (Inches of Water)																			
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3400		882	2.37	906	2.51	927	2.64	950	2.76	974	2.87	995	2.97	1015	3.07	1037	3.17	1061	3.25	1078	3.35
3750		968	2.62	995	2.77	1018	2.91	1043	3.05	1069	3.18	1088	3.31	1104	3.41	1134	3.51	1154	3.64	1175	3.73

**Table 18. Belt drive evaporator fan performance - 8.5 tons with low gas heat - GDK102A(3,4)EL - horizontal airflow**

		External Static Pressure (Inches of Water)																			
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
		Low Airflow Kit										Standard Motor									
2700		-	-	-	-	585	1	617	1.08	655	1.18	692	1.34	719	1.52	750	1.59	769	1.54	794	1.67
3050		-	-	591	1.1	617	1.22	649	1.29	686	1.40	730	1.48	752	1.63	777	1.76	799	1.89	830	2.02
3400		589	1.28	622	1.32	658	1.40	697	1.49	745	1.63	773	1.78	797	1.91	829	2.04	850	2.21	873	2.36
3750		646	1.40	683	1.45	722	1.54	765	1.64	817	1.79	848	1.95	875	2.09	910	2.24	932	2.43	958	2.59
		External Static Pressure (Inches of Water)																			
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
		Standard Motor										High Static (oversize) Motor									
2700		820	1.79	852	1.93	877	2.08	900	2.19	924	2.31	946	2.43	970	2.56	992	2.66	1015	2.76	1038	2.87
3050		852	2.15	875	2.31	900	2.43	922	2.57	944	2.69	967	2.80	991	2.91	1013	3.03	1037	3.15	1061	3.25
3400		896	2.50	921	2.65	942	2.78	965	2.91	990	3.04	1014	3.14	1037	3.27	1068	3.34	1084	3.43	1101	3.54
3750		983	2.75	1010	2.90	1034	3.05	1059	3.20	1086	3.33	1112	3.45	1138	3.58	1153	3.72	1165	3.81	1175	3.91

**Table 19. Belt drive evaporator fan performance - 8.5 tons with med gas heat - GDK102A(3,4)EM - downflow airflow**

		External Static Pressure (Inches of Water)																			
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
		Low Airflow Kit										Standard Motor									
2700		-	-	558	0.94	583	0.98	615	1.05	653	1.15	689	1.31	716	1.49	747	1.55	766	1.50	792	1.63
3050		552	1.09	589	1.08	615	1.2	648	1.26	683	1.37	727	1.47	751	1.60	775	1.72	796	1.85	827	1.99
3400		586	1.26	620	1.3	656	1.38	696	1.48	743	1.60	769	1.75	795	1.89	826	2.01	847	2.18	871	2.32
3750		644	1.39	681	1.43	721	1.52	763	1.63	815	1.77	845	1.93	872	2.08	907	2.22	931	2.41	956	2.57
		External Static Pressure (Inches of Water)																			
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
		Standard Motor										High Static (oversize) Motor									
2700		817	1.75	849	1.89	873	2.03	897	2.14	920	2.26	943	2.37	966	2.50	989	2.59	1012	2.70	1035	2.80
3050		849	2.11	872	2.28	897	2.45	919	2.58	941	2.69	963	2.81	987	2.92	1011	3.02	1031	3.11	1052	3.19
3400		893	2.47	918	2.62	940	2.74	961	2.88	981	2.99	1000	3.07	1021	3.16	1042	3.26	1065	3.35	1084	3.45
3750		982	2.72	1008	2.89	1032	3.04	1056	3.17	1082	3.30	1104	3.44	1123	3.52	1142	3.63	1163	3.73	1182	3.83

**Table 20. Belt drive evaporator fan performance - 8.5 tons with med gas heat - GDK102A(3,4)EM- horizontal airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
	Low Airflow Kit										Standard Motor										
2700	-	-	568	1.01	594	1.06	626	1.13	665	1.24	702	1.41	729	1.60	761	1.67	780	1.62	806	1.76	
3050	561	1.16	599	1.15	626	1.28	659	1.34	695	1.46	740	1.56	764	1.70	788	1.83	810	1.97	841	2.11	
3400	596	1.33	630	1.37	667	1.45	707	1.56	755	1.69	782	1.84	808	1.99	839	2.12	861	2.30	885	2.45	
3750	654	1.46	692	1.50	732	1.59	775	1.71	828	1.85	858	2.02	886	2.18	921	2.33	945	2.52	971	2.69	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
	Standard Motor										High Static (oversize) Motor										
2700	832	1.88	864	2.03	889	2.19	913	2.30	937	2.43	960	2.55	984	2.69	1007	2.79	1030	2.91	1054	3.02	
3050	864	2.24	887	2.42	912	2.60	935	2.74	957	2.86	980	2.99	1004	3.10	1028	3.21	1049	3.30	1070	3.39	
3400	908	2.60	933	2.76	955	2.89	977	3.03	997	3.15	1016	3.24	1038	3.33	1059	3.44	1082	3.53	1102	3.64	
3750	997	2.85	1024	3.03	1048	3.18	1072	3.32	1099	3.46	1121	3.60	1140	3.69	1160	3.80	1181	3.91	1129	4.01	

**Table 21. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - downflow airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
	Low Airflow Kit										Standard Motor										
2700	534	0.98	566	1.06	590	1.01	623	1.09	661	1.19	698	1.35	725	1.53	757	1.6	776	1.56	801	1.69	
3050	558	1.13	595	1.17	622	1.23	655	1.3	691	1.41	735	1.51	759	1.64	783	1.78	806	1.91	837	2.04	
3400	593	1.29	628	1.34	664	1.4	703	1.52	751	1.64	778	1.8	804	1.93	835	2.06	856	2.24	880	2.38	
3750	651	1.42	688	1.48	729	1.56	771	1.67	824	1.81	855	1.99	882	2.13	917	2.28	940	2.51	966	2.63	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
	Standard Motor										High Static (oversize) Motor										
2700	827	1.81	859	1.95	884	2.1	908	2.21	932	2.33	955	2.45	978	2.58	1001	2.67	1023	2.79	1044	2.89	
3050	859	2.17	882	2.33	906	2.47	929	2.6	952	2.72	975	2.83	999	2.95	1021	3.07	1042	3.16	1063	3.27	
3400	903	2.52	927	2.68	950	2.82	972	2.94	990	3.07	1011	3.19	1031	3.3	1052	3.41	1073	3.51	1093	3.58	
3750	992	2.79	1018	2.96	1043	3.1	1067	3.25	1090	3.38	1111	3.55	1072	3.65	1093	3.72	1114	3.8	1134	3.91	

**Table 22. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - horizontal airflow**

CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
2700	544	1.06	576	1.14	601	1.09	634	1.17	673	1.28	711	1.45	738	1.65	771	1.72	790	1.68	816	1.82
3050	568	1.2	605	1.24	633	1.31	666	1.38	703	1.5	748	1.6	772	1.74	796	1.89	820	2.03	851	2.17
3400	603	1.36	638	1.41	675	1.48	714	1.6	763	1.73	791	1.9	817	2.03	849	2.17	870	2.3	894	2.42
3750	661	1.49	699	1.55	740	1.63	783	1.75	837	1.9	868	2.08	896	2.23	931	2.38	955	2.59	981	2.76

**Performance Data**

**Table 22. Belt drive evaporator fan performance - 8.5 tons with high gas heat - GDK102A(3,4)EH - horizontal airflow (continued)**

CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor								High Static (oversize) Motor											
2700	842	1.95	875	2.1	900	2.26	924	2.38	949	2.51	972	2.64	996	2.78	1019	2.88	1042	3	1063	3.11
3050	874	2.31	897	2.48	922	2.62	945	2.76	968	2.89	992	3.01	1016	3.13	1039	3.26	1060	3.36	1081	3.47
3400	918	2.66	942	2.82	965	2.97	988	3.1	1006	3.24	1027	3.36	1048	3.48	1069	3.59	1090	3.7	1111	3.77
3750	1007	2.92	1034	3.1	1059	3.25	1084	3.4	1107	3.54	1128	3.72	1089	3.82	1110	3.9	1131	3.98	1152	4.1

**Table 23. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
2700	-	-	-	-	577	0.94	608	1.01	645	1.10	682	1.25	708	1.42	739	1.48	758	1.44	783	1.57
3050	-	-	577	1.01	603	1.12	634	1.18	670	1.28	720	1.26	740	1.36	764	1.49	783	1.65	803	1.78
3400	576	1.2	609	1.24	644	1.32	682	1.43	716	1.48	741	1.63	763	1.78	786	1.94	809	2.09	833	2.34
3750	621	1.30	657	1.35	694	1.60	719	1.73	735	1.85	760	1.99	783	2.14	804	2.40	828	2.56	850	2.70
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor								High Static (oversize) Motor											
2700	808	1.68	839	1.81	864	1.95	887	2.05	910	2.16	932	2.27	955	2.39	978	2.48	1000	2.59	1023	2.69
3050	829	2.03	850	2.15	875	2.26	893	2.36	916	2.46	936	2.57	961	2.66	983	2.75	1005	2.84	1026	2.93
3400	857	2.48	878	2.61	897	2.72	921	2.83	942	2.93	964	3.02	981	3.11	1003	3.21	1018	3.30	1040	3.39
3750	873	2.82	894	2.94	912	3.05	928	3.16	949	3.26	967	3.36	988	3.46	1006	3.56	1027	3.66	1044	3.75

**Table 24. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - horizontal airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
2700	-	-	-	-	571	0.93	602	1.00	639	1.09	675	1.24	701	1.41	732	1.47	750	1.43	775	1.55
3050	-	-	571	1	597	1.11	628	1.17	663	1.27	713	1.25	733	1.35	756	1.48	775	1.63	795	1.76
3400	570	1.19	603	1.23	638	1.31	675	1.42	709	1.47	734	1.61	755	1.76	778	1.92	801	2.07	825	2.32
3750	615	1.29	650	1.34	687	1.58	712	1.71	728	1.83	752	1.97	775	2.12	796	2.38	820	2.53	842	2.67
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor								High Static (oversize) Motor											
2700	800	1.66	831	1.79	855	1.93	878	2.03	901	2.14	923	2.25	946	2.37	968	2.46	990	2.56	1013	2.66
3050	821	2.01	842	2.13	866	2.24	884	2.34	907	2.44	927	2.54	951	2.63	973	2.72	995	2.81	1016	2.90

**Table 24. Belt drive evaporator fan performance - 8.5 tons cooling only - EDK102A(3,4)E0 - horizontal airflow (continued)**

External Static Pressure (Inches of Water)																					
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
3400	849	2.46	869	2.58	888	2.69	912	2.80	933	2.90	954	2.99	971	3.08	993	3.18	1008	3.27	1030	3.36	
3750	864	2.79	885	2.91	903	3.02	919	3.13	940	3.23	957	3.33	978	3.43	996	3.52	1017	3.62	1034	3.71	

**Table 25. Belt drive evaporator fan performance - 10 tons with low gas heat - GDK120A(3,4)EL - downflow airflow**

External Static Pressure (Inches of Water)																					
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Low Airflow Kit											Standard Motor										
3200	-	-	-	-	-	-	-	-	-	737	1.34	761	1.49	785	1.64	809	1.79	833	1.94	857	2.09
3600	-	-	-	-	739	1.46	760	1.58	782	1.72	804	1.86	828	2.02	851	2.18	875	2.34	906	2.64	
4000	737	1.59	760	1.71	782	1.86	805	1.99	828	2.13	851	2.29	874	2.45	903	2.78	924	2.94	945	3.09	
4400	780	2.03	805	2.18	830	2.33	854	2.49	876	2.65	902	2.96	923	3.11	944	3.24	965	3.39	986	3.52	
External Static Pressure (Inches of Water)																					
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor										High Static (oversize) Motor											
3200	879	2.21	910	2.46	931	2.54	952	2.66	973	2.79	994	2.91	1015	3.03	1036	3.16	1057	3.28	1078	3.39	
3600	927	2.79	948	2.93	969	3.03	990	3.14	1011	3.26	1032	3.36	1053	3.44	1074	3.53	1095	3.61	1116	3.68	
4000	966	3.23	987	3.34	1008	3.44	1031	3.53	1052	3.63	1072	3.72	1093	3.81	1116	3.88	1137	3.96	1159	4.06	
4400	1007	3.66	1028	3.76	1049	3.86	1071	3.96	1092	4.06	1113	4.14	1135	4.24	1156	4.32	1178	4.42	1201	4.48	

**Table 26. Belt drive evaporator fan performance - 10 tons with low gas heat - GDK120A(3,4)EL - horizontal airflow**

External Static Pressure (Inches of Water)																					
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Low Airflow Kit											Standard Motor										
3200	-	-	-	-	-	-	729	1.36	753	1.51	777	1.66	801	1.81	825	1.96	849	2.11	873	2.26	
3600	-	-	733	1.52	755	1.62	776	1.75	798	1.89	820	2.03	844	2.19	867	2.35	891	2.53	922	2.81	
4000	753	1.76	776	1.88	798	2.02	821	2.16	844	2.31	867	2.45	892	2.61	919	2.95	940	3.11	961	3.26	
4400	796	2.21	821	2.35	846	2.51	866	2.67	887	2.84	918	3.13	939	3.28	960	3.42	981	3.56	1002	3.69	
External Static Pressure (Inches of Water)																					
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor										High Static (oversize) Motor											
3200	905	2.49	926	2.61	947	2.72	968	2.83	989	2.96	1010	3.08	1031	3.2	1052	3.33	1073	3.45	1094	3.56	
3600	943	2.96	964	3.09	985	3.22	1006	3.32	1027	3.43	1048	3.53	1069	3.62	1090	3.69	1111	3.78	1132	3.85	
4000	982	3.39	1003	3.51	1024	3.61	1045	3.69	1066	3.81	1087	3.89	1108	3.97	1129	4.05	1150	4.13	1171	4.22	
4400	1023	3.82	1044	3.93	1065	4.03	1086	4.13	1107	4.23	1128	4.32	1149	4.41	1170	4.49	1191	4.57	1212	4.65	

**Performance Data**

**Table 27. Belt drive evaporator fan performance - 10 tons with med gas heat - GDK120A(3,4)EM- downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
3200	-	-	-	-	711	1.35	738	1.44	762	1.59	786	1.74	810	1.89	834	2.04	858	2.19	882	2.34
3600	-	-	742	1.59	764	1.71	785	1.83	807	1.97	829	2.11	853	2.27	876	2.43	910	2.73	931	2.89
4000	762	1.84	785	1.96	807	2.11	830	2.24	853	2.38	876	2.54	907	2.87	928	3.03	949	3.19	970	3.34
4400	805	2.28	830	2.43	855	2.58	879	2.75	906	3.06	927	3.21	948	3.36	969	3.49	990	3.64	1011	3.77
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor										High Static (oversize) Motor									
3200	914	2.57	935	2.71	956	2.79	977	2.91	998	3.04	1019	3.16	1040	3.28	1061	3.41	1082	3.53	1103	3.64
3600	952	3.04	973	3.18	994	3.28	1015	3.39	1036	3.51	1057	3.61	1078	3.69	1099	3.78	1120	3.86	1141	3.93
4000	991	3.48	1012	3.59	1033	3.69	1054	3.78	1075	3.88	1096	3.97	1117	4.05	1138	4.13	1159	4.21	1180	4.31
4400	1032	3.91	1053	4.01	1074	4.11	1095	4.21	1116	4.31	1137	4.39	1158	4.49	1179	4.57	1200	4.65	1221	4.73

**Table 28. Belt drive evaporator fan performance - 10 tons with med gas heat - GDK120A(3,4)EM - horizontal airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
3200	-	-	712	1.48	734	1.58	754	1.68	778	1.77	802	1.92	826	2.07	850	2.22	874	2.37	898	2.52
3600	736	1.67	758	1.78	780	1.88	801	2.01	823	2.15	845	2.29	869	2.45	892	2.61	926	2.91	947	3.07
4000	778	2.02	801	2.14	823	2.28	846	2.42	869	2.56	902	2.88	923	3.05	944	3.21	965	3.37	986	3.52
4400	821	2.46	846	2.61	871	2.76	901	3.08	922	3.24	943	3.39	964	3.54	985	3.68	1006	3.82	1027	3.95
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor										High Static (oversize) Motor									
3200	930	2.75	951	2.88	972	2.98	993	3.09	1014	3.22	1035	3.34	1056	3.46	1077	3.59	1098	3.71	1119	3.82
3600	968	3.22	989	3.35	1010	3.47	1031	3.58	1052	3.69	1073	3.79	1094	3.88	1115	3.96	1136	4.04	1157	4.11
4000	1007	3.66	1028	3.77	1049	3.87	1070	3.96	1091	4.06	1112	4.15	1133	4.23	1154	4.31	1175	4.39	1196	4.48
4400	1048	4.08	1069	4.19	1090	4.29	1111	4.39	1132	4.49	1153	4.58	1174	4.67	1195	4.75	1216	4.83	1237	4.91

**Table 29. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
3200	-	-	-	-	711	1.35	738	1.44	762	1.59	786	1.74	810	1.89	834	2.04	858	2.19	882	2.34
3600	-	-	742	1.59	764	1.71	785	1.83	807	1.97	829	2.11	853	2.27	876	2.43	910	2.73	931	2.89

Table 29. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - downflow airflow (continued)

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4000	762	1.84	785	1.96	807	2.11	830	2.24	853	2.38	876	2.54	907	2.87	928	3.03	949	3.19	970	3.34
4400	805	2.28	830	2.43	855	2.58	879	2.75	906	3.06	927	3.21	948	3.36	969	3.49	990	3.64	1011	3.77

  

External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
3200	914	2.57	935	2.71	956	2.79	977	2.91	998	3.04	1019	3.16	1040	3.28	1061	3.41	1082	3.53	1103	3.64
3600	952	3.04	973	3.18	994	3.28	1015	3.39	1036	3.51	1057	3.61	1078	3.69	1099	3.78	1120	3.86	1141	3.93
4000	991	3.48	1012	3.59	1033	3.69	1054	3.78	1075	3.88	1096	3.97	1117	4.05	1138	4.13	1159	4.21	1180	4.31
4400	1032	3.91	1053	4.01	1074	4.11	1095	4.21	1116	4.31	1137	4.39	1158	4.49	1179	4.57	1200	4.65	1221	4.73

Table 30. Belt drive evaporator fan performance - 10 tons with high gas heat - GDK120A(3,4)EH - horizontal airflow

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit										Standard Motor									
3200	-	-	712	1.48	734	1.58	754	1.68	778	1.77	802	1.92	826	2.07	850	2.22	874	2.37	898	2.52
3600	736	1.67	758	1.78	780	1.88	801	2.01	823	2.15	845	2.29	869	2.45	892	2.61	926	2.91	947	3.07
4000	778	2.02	801	2.14	823	2.28	846	2.42	869	2.56	902	2.68	923	2.85	944	3.01	965	3.17	986	3.32
4400	821	2.46	846	2.61	871	2.76	901	3.08	922	3.24	943	3.39	964	3.54	985	3.68	1006	3.82	1027	3.95

  

External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard Motor						High Static (oversize) Motor													
3200	930	2.75	951	2.88	972	2.98	993	3.09	1014	3.22	1035	3.34	1056	3.46	1077	3.59	1098	3.71	1119	3.82
3600	968	3.22	989	3.35	1010	3.47	1031	3.58	1052	3.69	1073	3.79	1094	3.88	1115	3.96	1136	4.04	1157	4.11
4000	1007	3.66	1028	3.77	1049	3.87	1070	3.96	1091	4.06	1112	4.15	1133	4.23	1154	4.31	1175	4.39	1196	4.48
4400	1048	4.08	1069	4.19	1090	4.29	1111	4.39	1132	4.49	1153	4.58	1174	4.67	1195	4.75	1216	4.83	1237	4.91

Table 31. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)EO - downflow airflow

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Low Airflow Kit																			
3200	-	-	-	-	-	-	-	-	-	-	-	-	758	1.55	782	1.69	807	1.84	833	2.01
3600	-	-	-	-	-	-	-	-	736	1.55	770	1.83	798	1.95	820	2.09	845	2.26	870	2.41
4000	-	-	-	-	724	1.74	752	1.85	782	2.06	809	2.21	836	2.37	860	2.54	882	2.71	914	2.99
4400	717	1.94	745	2.08	772	2.19	799	2.34	825	2.47	852	2.63	876	2.79	909	3.08	934	3.24	958	3.39

**Performance Data**

**Table 31. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)EO - downflow airflow (continued)**

External Static Pressure (Inches of Water)																					
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																				High Static (oversize) Motor	
3200	858	2.17	881	2.34	913	2.62	936	2.74	959	2.85	982	2.96	1005	3.07	1028	3.17	1051	3.27	1074	3.37	
3600	896	2.59	926	2.84	949	2.96	972	3.08	995	3.19	1018	3.3	1041	3.41	1064	3.51	1087	3.61	1110	3.71	
4000	939	3.14	962	3.27	985	3.39	1008	3.51	1031	3.62	1054	3.72	1077	3.82	1100	3.92	1123	4.02	1146	4.12	
4400	981	3.52	1004	3.65	1027	3.77	1050	3.89	1073	3.99	1096	4.11	1119	4.22	1142	4.32	1165	4.42	1188	4.52	

**Table 32. Belt drive evaporator fan performance - 10 tons cooling only - EDK120A(3,4)E0 - horizontal airflow**

External Static Pressure (Inches of Water)																					
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Low Airflow Kit																					
3200	-	-	-	-	-	-	-	-	-	-	747	1.61	774	1.73	798	1.87	823	2.02	849	2.18	
3600	-	-	-	-	-	-	-	-	752	1.73	786	2.01	814	2.13	836	2.28	861	2.44	886	2.59	
4000	-	-	717	1.72	742	1.85	768	2.03	798	2.24	825	2.39	852	2.55	876	2.72	898	2.89	930	3.16	
4400	735	2.17	761	2.26	788	2.38	815	2.52	841	2.65	868	2.81	892	2.97	925	3.15	950	3.33	974	3.51	

External Static Pressure (Inches of Water)																					
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																				High Static (oversize) Motor	
3200	874	2.35	897	2.52	929	2.79	952	2.91	975	3.02	998	3.13	1021	3.24	1044	3.34	1067	3.44	1090	3.54	
3600	919	2.87	942	3.01	965	3.13	988	3.25	1011	3.36	1034	3.47	1057	3.58	1080	3.68	1103	3.78	1126	3.88	
4000	955	3.31	978	3.44	1001	3.56	1024	3.68	1047	3.79	1070	3.89	1093	3.99	1116	4.09	1139	4.19	1162	4.29	
4400	997	3.69	1020	3.82	1043	3.94	1066	4.06	1089	4.17	1112	4.28	1135	4.39	1158	4.49	1181	4.59	1204	4.69	

**Table 33. Belt drive evaporator fan performance - 12.5 tons with low heat heat - GDK150A(3,4)EL - downflow airflow**

External Static Pressure (Inches of Water)																					
		0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	-	-	-	-	-	-	793	2.09	820	2.24	847	2.38	873	2.52	899	2.66	924	2.77	949	2.89	
4500	-	-	791	2.23	816	2.41	842	2.58	869	2.76	897	2.91	925	3.19	951	3.37	977	3.53	1002	3.69	
5000	822	2.56	848	2.76	874	2.93	899	3.26	924	3.41	950	3.59	976	3.77	1001	3.96	1028	4.11	1056	4.27	
5500	873	2.99	899	3.31	925	3.46	950	3.63	975	3.81	999	3.99	1024	4.17	1049	4.36	1075	4.53	1101	4.71	
High Static (oversize) Motor																					
4000	973	3.12	997	3.26	1020	3.37	1043	3.48	1065	3.59	1087	3.73	1108	3.86	1129	3.97	1149	4.09	1169	4.18	

**Table 33. Belt drive evaporator fan performance - 12.5 tons with low heat heat - GDK150A(3,4)EL - downflow airflow (continued)**

External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
4500	1026	3.86	1050	4.01	1073	4.16	1095	4.31	1117	4.44	1141	4.56	1166	4.64	1191	4.72	1213	4.79	1235	4.86	
5000	1083	4.42	1109	4.57	1135	4.72	1160	4.87	1185	5.02	1212	5.18	1236	5.33	-	-	-	-	-	-	
5500	1125	4.89	1149	5.07	1181	5.22	1204	5.34	1228	5.49	-	-	-	-	-	-	-	-	-	-	

**Table 34. Belt drive evaporator fan performance - 12.5 tons with low gas heat - GDK150A(3,4)EL - horizontal airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	-	-	-	-	773	2.03	801	2.18	828	2.33	855	2.47	881	2.61	907	2.74	932	2.86	957	2.98	
4500	-	-	799	2.32	824	2.51	850	2.67	877	2.84	905	3.02	933	3.28	959	3.46	985	3.62	1010	3.78	
5000	830	2.65	856	2.84	882	3.02	915	3.34	932	3.52	958	3.68	984	3.86	1009	4.04	1036	4.21	1064	4.36	
5500	881	3.08	916	3.41	937	3.54	958	3.72	983	3.89	1007	4.08	1032	4.26	1057	4.44	1083	4.62	1109	4.79	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
High Static (oversize) Motor																					
4000	981	3.21	1005	3.34	1028	3.46	1051	3.57	1073	3.68	1095	3.82	1116	3.94	1137	4.06	1157	4.18	1177	4.27	
4500	1034	3.94	1058	4.12	1081	4.25	1103	4.40	1125	4.53	1149	4.64	1174	4.73	1199	4.81	1221	4.88	1243	4.94	
5000	1091	4.51	1117	4.66	1143	4.81	1168	4.96	1193	5.11	1218	5.24	-	-	-	-	-	-	-	-	
5500	1133	4.98	1157	5.16	1183	5.29	1211	5.42	-	-	-	-	-	-	-	-	-	-	-	-	

**Table 35. Belt drive evaporator fan performance - 12.5 tons with med gas heat - GDK150A(3,4)EM- downflow airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	-	-	-	-	783	2.09	811	2.24	838	2.39	865	2.53	891	2.67	917	2.81	942	2.92	967	3.04	
4500	-	-	809	2.38	834	2.56	860	2.73	887	2.91	915	3.06	943	3.34	969	3.52	995	3.68	1020	3.84	
5000	840	2.71	866	2.91	892	3.08	917	3.41	942	3.56	968	3.74	994	3.92	1019	4.11	1046	4.26	1074	4.42	
5500	891	3.14	917	3.46	943	3.61	968	3.78	993	3.96	1017	4.14	1042	4.32	1067	4.51	1093	4.68	1119	4.86	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
High Static (oversize) Motor																					
4000	991	3.27	1015	3.41	1038	3.52	1061	3.63	1083	3.74	1105	3.88	1126	4.01	1147	4.12	1167	4.24	1187	4.33	
4500	1044	4.01	1068	4.16	1091	4.31	1113	4.46	1135	4.59	1159	4.71	1184	4.79	1209	4.87	1231	4.94	1253	5.01	
5000	1101	4.57	1127	4.72	1153	4.87	1178	5.02	1203	5.17	1230	5.33	-	-	-	-	-	-	-	-	
5500	1143	5.04	1167	5.22	1199	5.37	1222	5.49	-	-	-	-	-	-	-	-	-	-	-	-	

**Performance Data**

**Table 36. Belt drive evaporator fan performance - 12.5 tons with med gas heat - GDK150A(3,4)EM - horizontal airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	749	1.91	770	2.07	798	2.24	826	2.39	853	2.54	880	2.68	906	2.82	932	2.95	957	3.07	982	3.19	
4500	802	2.35	824	2.53	849	2.71	875	2.88	902	3.05	930	3.21	958	3.49	984	3.67	1010	3.83	1035	3.99	
5000	855	2.86	881	3.05	907	3.23	932	3.55	957	3.71	983	3.89	1009	4.07	1034	4.25	1061	4.41	1089	4.57	
5500	906	3.29	932	3.61	958	3.75	983	3.93	1008	4.11	1032	4.29	1057	4.47	1082	4.65	1108	4.83	1134	5.01	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
High Static (oversize) Motor																					
4000	1006	3.42	1030	3.55	1053	3.67	1076	3.78	1098	3.89	1120	4.03	1141	4.15	1162	4.27	1182	4.39	1202	4.48	
4500	1059	4.15	1083	4.31	1106	4.46	1128	4.61	1150	4.74	1174	4.85	1199	4.94	1224	5.02	1246	5.09	1268	5.15	
5000	1116	4.72	1142	4.87	1168	5.02	1193	5.17	1218	5.32	-	-	-	-	-	-	-	-	-	-	
5500	1158	5.19	1182	5.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**Table 37. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - downflow airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	-	-	-	-	783	2.09	811	2.24	838	2.39	865	2.53	891	2.67	917	2.81	942	2.92	967	3.04	
4500	-	-	809	2.38	834	2.56	860	2.73	887	2.91	915	3.06	943	3.34	969	3.52	995	3.68	1020	3.84	
5000	840	2.71	866	2.91	892	3.08	917	3.41	942	3.56	968	3.74	994	3.92	1019	4.11	1046	4.26	1074	4.42	
5500	891	3.14	917	3.46	943	3.61	968	3.78	993	3.96	1017	4.14	1042	4.32	1067	4.51	1093	4.68	1119	4.86	
External Static Pressure (Inches of Water)																					
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
High Static (oversize) Motor																					
4000	991	3.27	1015	3.41	1038	3.52	1061	3.63	1083	3.74	1105	3.88	1126	4.01	1147	4.12	1167	4.24	1187	4.33	
4500	1044	4.01	1068	4.16	1091	4.31	1113	4.46	1135	4.59	1159	4.71	1184	4.79	1209	4.87	1231	4.94	1253	5.01	
5000	1101	4.57	1127	4.72	1153	4.87	1178	5.02	1203	5.17	1230	5.33	-	-	-	-	-	-	-	-	
5500	1143	5.04	1167	5.22	1199	5.37	1222	5.49	-	-	-	-	-	-	-	-	-	-	-	-	

**Table 38. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - horizontal airflow**

External Static Pressure (Inches of Water)																					
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
Standard Motor																					
4000	749	1.91	770	2.07	798	2.24	826	2.39	853	2.54	880	2.68	906	2.82	932	2.95	957	3.07	982	3.19	
4500	802	2.35	824	2.53	849	2.71	875	2.88	902	3.05	930	3.21	958	3.49	984	3.67	1010	3.83	1035	3.99	

**Table 38. Belt drive evaporator fan performance - 12.5 tons with high gas heat - GDK150A(3,4)EH - horizontal airflow (continued)**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Standard Motor																				
5000	855	2.86	881	3.05	907	3.23	932	3.55	957	3.71	983	3.89	1009	4.07	1034	4.25	1061	4.41	1089	4.57
5500	906	3.29	932	3.61	958	3.75	983	3.93	1008	4.11	1032	4.29	1057	4.47	1082	4.65	1108	4.83	1134	5.01
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
High Static (oversize) Motor																				
4000	1006	3.42	1030	3.55	1053	3.67	1076	3.78	1098	3.89	1120	4.03	1141	4.15	1162	4.27	1182	4.39	1202	4.48
4500	1059	4.15	1083	4.31	1106	4.46	1128	4.61	1150	4.74	1174	4.85	1199	4.94	1224	5.02	1246	5.09	1268	5.15
5000	1116	4.72	1142	4.87	1168	5.02	1193	5.17	1218	5.32	-	-	-	-	-	-	-	-	-	-
5500	1158	5.19	1182	5.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 39. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - downflow airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Standard Motor																				
4000	-	-	-	-	-	-	-	-	769	2.06	790	2.23	811	2.38	833	2.57	856	2.74	879	2.91
4500	-	-	759	2.12	787	2.35	808	2.52	829	2.69	851	2.86	874	3.03	906	3.31	929	3.46	952	3.58
5000	807	2.52	828	2.68	854	2.85	871	3.02	903	3.31	928	3.46	952	3.62	976	3.78	999	3.93	1022	4.07
5500	870	2.99	882	3.15	914	3.43	937	3.59	960	3.75	983	3.91	1006	4.06	1029	4.22	1052	4.38	1075	4.52
External Static Pressure (Inches of Water)																				
CFM	1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
High Static (oversize) Motor																				
4000	911	3.19	932	3.33	952	3.45	972	3.56	992	3.66	1011	3.76	1030	3.86	1050	3.95	1071	4.04	1094	4.14
4500	974	3.74	995	3.88	1015	4.01	1035	4.11	1055	4.21	1074	4.31	1093	4.41	1113	4.51	1134	4.59	1157	4.69
5000	1044	4.21	1065	4.34	1085	4.46	1105	4.58	1125	4.68	1144	4.78	1163	4.88	1183	4.98	1204	5.08	1227	5.18
5500	1097	4.66	1118	4.79	1138	4.91	1158	5.02	1178	5.12	1197	5.22	1216	5.32	-	-	-	-	-	-

**Table 40. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - horizontal airflow**

External Static Pressure (Inches of Water)																				
CFM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
Standard Motor																				
4000	-	-	-	-	-	-	763	2.02	798	2.24	825	2.39	852	2.55	876	2.72	898	2.89	930	3.16
4500	-	-	775	2.25	803	2.48	824	2.65	845	2.82	867	2.99	890	3.16	922	3.44	945	3.59	968	3.73
5000	823	2.65	844	2.81	870	2.98	887	3.15	919	3.43	944	3.59	968	3.75	992	3.91	1015	4.06	1038	4.2
5500	886	3.12	898	3.28	930	3.56	953	3.72	976	3.88	999	4.04	1022	4.19	1045	4.35	1068	4.51	1091	4.65

**Performance Data**

**Table 40. Belt drive evaporator fan performance - 12.5 tons cooling only - EDK150A(3,4)E0 - horizontal airflow (continued)**

		External Static Pressure (Inches of Water)																			
		1.1		1.2		1.3		1.4		1.5		1.6		1.7		1.8		1.9		2.0	
CFM	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	
	Standard Motor				High Static (oversize) Motor																
4000	955	3.31	978	3.44	1001	3.56	1024	3.68	1047	3.79	1070	3.89	1093	3.99	1116	4.09	1139	4.19	1162	4.29	
4500	990	3.87	1011	4.01	1031	4.13	1051	4.24	1071	4.34	1090	4.44	1109	4.54	1129	4.63	1150	4.72	1173	4.82	
5000	1060	4.34	1081	4.47	1101	4.59	1121	4.71	1141	4.81	1160	4.91	1179	5.01	1199	5.11	1220	5.21	1243	5.31	
5500	1113	4.79	1134	4.92	1154	5.04	1174	5.15	1194	5.25	1213	5.35	1232	5.45	-	-	-	-	-	-	

**Table 41. Standard motor and drive/fan speed (rpm)**

Tons	Unit Model Number	Fan Sheave	6 Turns Open	5 Turns Open	4 Turns Open	3 Turns Open	2 Turns Open	1 Turn Open	Closed
7.5	EDK090	15-15	735	762	790	817	844	871	898
	GDK090								
8.5	EDK102	15-15	735	762	790	817	844	871	898
	GDK102								
10	EDK120	15-15	735	762	790	817	844	871	898
	GDK120								
12.5	EDK150	15-15	770	806	843	878	912	948	982
	GDK150								

Note: Factory Set at closed.

**Table 42. High Static (Oversize) motor and drive/fan speed (rpm)**

Tons	Unit Model Number	Fan Sheave	6 Turn Open	5 Turn Open	4 Turn Open	3 Turn Open	2 Turn Open	1 Turn Open	Closed
7.5	EDK090	15-15	900	899	994	1060	1124	1189	1243
	GDK090								
8.5	EDK102	15-15	900	899	994	1060	1124	1189	1243
	GDK102								
10	EDK120	15-15	900	959	994	1060	1124	1189	1243
	GDK120								
12.5	EDK150	15-15	916	975	1031	1090	1148	1209	1268
	GDK150								

Note: Factory Set at closed.

**Table 43. Static pressure drop through accessories (inches water column)**

Tons	Unit Model Number	Cfm	Standard Filters	Standard Economizer	Electric Heater					
					10.4	16	25	32	41	50
7.5	E/GDK090A (Downflow)	2400	0.01	—	0.005	0.005	0.005	0.01	0.01	—
		3000	0.03	—	0.01	0.01	0.01	0.02	0.02	—
		3375	0.04	—	0.015	0.015	0.015	0.03	0.03	—
	E/GDK090A (Horizontal)	2400	0.01	—	0.005	0.005	0.005	0.01	0.01	—
		3000	0.03	—	0.01	0.01	0.01	0.02	0.02	—
		3375	0.04	—	0.015	0.015	0.015	0.03	0.03	—
8.5	E/GDK102A (Downflow)	2720	0.02	—	0.01	0.01	0.01	0.02	0.02	—
		3400	0.04	—	0.015	0.015	0.015	0.03	0.03	—
		3825	0.05	—	0.02	0.02	0.02	0.04	0.04	—
	E/GDK102A (Horizontal)	2720	0.02	—	0.01	0.01	0.01	0.02	0.02	—
		3400	0.04	—	0.015	0.015	0.015	0.03	0.03	—
		3825	0.05	—	0.02	0.02	0.02	0.04	0.04	—

**Table 43. Static pressure drop through accessories (inches water column) (continued)**

Tons	Unit Model Number	Cfm	Standard Filters	Standard Economizer	Electric Heater					
					10.4	16	25	32	41	50
10	E/GDK120A (Downflow)	3200	0.03	—	0.015	0.015	—	0.03	0.03	0.03
		4000	0.05	—	0.02	0.02	—	0.04	0.04	0.04
		4500	0.07	—	0.025	0.025	—	0.05	0.05	0.05
	E/GDK120A (Horizontal)	3200	0.03	—	0.015	0.015	—	0.03	0.03	0.03
		4000	0.05	—	0.02	0.02	—	0.04	0.04	0.04
		4500	0.07	—	0.025	0.025	—	0.05	0.05	0.05
12.5	E/GDK150A (Downflow)	4000	0.05	—	0.02	0.02	—	0.04	0.04	0.04
		5000	0.07	—	0.03	0.03	—	0.06	0.06	0.06
		5625	0.09	—	0.035	0.035	—	0.07	0.07	0.07
	E/GDK150A (Horizontal)	4000	0.05	—	0.02	0.02	—	0.04	0.04	0.04
		5000	0.07	—	0.03	0.03	—	0.06	0.06	0.06
		5625	0.09	—	0.035	0.035	—	0.07	0.07	0.07

**Table 44. Gas fired heating capacities**

Tons	Gas Heat Option	Heating Input(MBh) <sup>(a)</sup>	Heating Output(MBh) <sup>(a)</sup>	Air Temp Rise
7.5	Low, Medium, or High	125/87.5	100/70	15-45
		180/126	144/100	20-65
		225/157.5	180/125	25-70
8.5	Low, Medium, or High	125/87.5	100/70	15-45
		180/126	144/100	20-65
		225/157.5	180/125	25-70
10	Low, Medium, or High	180/125	144/100	20-50
		225/157.5	180/125	25-60
		250/200	200/160	30-65
12.5	Low, Medium, or High	180/125	144/100	15-50
		225/157.5	180/125	20-60
		250/200	200/160	25-65

<sup>(a)</sup> For two stage heaters (input or output), second stage is total heating capacity. Second stage/first stage.

**Table 45. Auxiliary electric heat capacity**

Tons	Unit Model Number	Ton <sup>(a)</sup>		No. of Stages	Stage 1		Stage 2	
		kW	MBh		kW	MBh	kW	MBh
		Input <sup>(b)</sup>	Output		Input	Output	Input	Output
7.5	BAYHTMA310B	10.4	35.490	1	10.4	35.490	—	—
	BAYHTMA315B	16	54.590	1	16	54.590	—	—
	BAYHTMA325B	25	85.300	1	25	85.300	—	—
	BAYHTMA332B	32	109.190	2	16	54.590	16	54.590
	BAYHTMA341B	41	139.900	2	25	85.300	16	54.590
8.5	BAYHTMA310B	10.4	35.490	1	10.4	35.490	—	—
	BAYHTMA315B	16	54.590	1	16	54.590	—	—
	BAYHTMA325B	25	85.300	1	25	85.300	—	—
	BAYHTMA332B	32	109.190	2	16	54.590	16	54.590
	BAYHTMA341B	41	139.900	2	25	85.300	16	54.590