

▼ ACCESSORIES

• DAMPERS

- Gravity backdraft dampers for both outside air and exhaust opening.
- Motorized supply damper with gravity damper on exhaust.
- Motorized supply and exhaust damper.
- On unit sizes 01-03, dampers will be mounted in the weatherhoods or in external duct sleeves.
- On unit sizes 04-08, motorized supply and exhaust will have motorized outside and return air dampers and GBD exhaust damper.

• WEATHERHOODS

- Galvanized steel weatherhoods are available. Outside air intakes are complete with aluminum moisture eliminators.

• ROOF CURBS

- Prefabricated roof curbs of galvanized or galvalume construction with fiberglass insulation are available in 8 inch and 14 inch heights for outdoor installation. Other curb heights are available.

▼ PERFORMANCE DATA

WEHC 01 (300 to 700 CFM)



EXTERNAL STATIC PRESS, INCH W. G. (Pa)

CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)
300 (142)	RPM					1,275			
	BHP					0.12			
	[KW]					[0.09]			
400 (189)	RPM	1,111	1,172	1,240	1,317	1,402	1,592	1,782	1,949
	BHP	0.12	0.13	0.15	0.17	0.19	0.23	0.32	0.39
	[KW]	[0.09]	[0.10]	[0.11]	[0.13]	[0.14]	[0.17]	[0.24]	[0.29]
500 (236)	RPM	1,392	1,442	1,483	1,545	1,605	1,734	1,879	2,040
	BHP	0.24	0.25	0.26	0.28	0.30	0.34	0.41	0.52
	[KW]	[0.18]	[0.19]	[0.19]	[0.21]	[0.22]	[0.25]	[0.31]	[0.39]
600 (283)	RPM	1,669	1,708	1,753	1,789	1,836	1,939	2,041	2,160
	BHP	0.41	0.42	0.43	0.45	0.48	0.53	0.58	0.67
	[KW]	[0.31]	[0.31]	[0.32]	[0.34]	[0.36]	[0.40]	[0.43]	[0.50]
700 (330)	RPM	1,947	1,981	2,021	2,053	2,084			
	BHP	0.65	0.66	0.68	0.69	0.71			
	[KW]	[0.48]	[0.49]	[0.51]	[0.51]	[0.53]			

▼ PERFORMANCE DATA

WEHC 02 (600 to 1,700 CFM)



EXTERNAL STATIC PRESS, INCH W. G. (Pa)

CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)	1.500 (373)
600 (283)	RPM				988	1,081				
	BHP				0.20	0.25				
	[KW]				[0.15]	[0.19]				
700 (330)	RPM			958	1,052	1,097	1,346			
	BHP			0.21	0.25	0.27	0.43			
	[KW]			[0.15]	[0.19]	[0.20]	[0.32]			
800 (378)	RPM		943	1,040	1,087	1,156	1,397	1,510	1,606	1,707
	BHP		0.21	0.26	0.29	0.34	0.50	0.62	0.71	0.83
	[KW]		[0.16]	[0.20]	[0.22]	[0.25]	[0.37]	[0.46]	[0.53]	[0.62]
900 (425)	RPM	938	1,034	1,083	1,146	1,223	1,450	1,544	1,650	1,751
	BHP	0.25	0.29	0.32	0.36	0.42	0.59	0.71	0.82	0.94
	[KW]	[0.19]	[0.22]	[0.24]	[0.27]	[0.32]	[0.28]	[0.53]	[0.61]	[0.70]
1,000 (472)	RPM	1,043	1,085	1,147	1,220	1,294	1,504	1,589	1,696	1,796
	BHP	0.34	0.36	0.39	0.44	0.52	0.69	0.81	0.94	1.07
	[KW]	[0.26]	[0.27]	[0.29]	[0.33]	[0.39]	[0.52]	[0.60]	[0.70]	[0.80]
1,100 (519)	RPM	1,089	1,159	1,233	1,300	1,334	1,538	1,640	1,743	
	BHP	0.40	0.45	0.51	0.57	0.60	0.81	0.93	1.07	
	[KW]	[0.30]	[0.34]	[0.38]	[0.43]	[0.45]	[0.60]	[0.70]	[0.80]	
1,200 (566)	RPM	1,173	1,248	1,309	1,340	1,395	1,588	1,695	1,794	
	BHP	0.50	0.57	0.63	0.65	0.70	0.88	1.08	1.22	
	[KW]	[0.38]	[0.42]	[0.47]	[0.48]	[0.52]	[0.67]	[0.80]	[0.91]	
1,300 (614)	RPM	1,271	1,319	1,347	1,409	1,471	1,649	1,751		
	BHP	0.63	0.69	0.70	0.77	0.83	0.99	1.12		
	[KW]	[0.47]	[0.51]	[0.52]	[0.57]	[0.62]	[0.74]	[0.84]		
1,400 (661)	RPM	1,331	1,373	1,427	1,488	1,524	1,714	1,809		
	BHP	0.75	0.79	0.85	0.92	0.97	1.24	1.31		
	[KW]	[0.56]	[0.59]	[0.63]	[0.68]	[0.72]	[0.92]	[0.98]		
1,500 (708)	RPM	1,404	1,464	1,507	1,533	1,574	1,780			
	BHP	0.89	0.96	1.02	1.06	1.12	1.39			
	[KW]	[0.66]	[0.72]	[0.76]	[0.79]	[0.83]	[1.03]			
1,600 (755)	RPM	1,497	1,523	1,548	1,598	1,651	1,753			
	BHP	0.97	1.12	1.16	1.23	1.31	1.44			
	[KW]	[0.72]	[0.84]	[0.87]	[0.92]	[0.98]	[1.07]			
1,700 (802)	RPM	1,538	1,577	1,630	1,680	1,728				
	BHP	1.21	1.27	1.37	1.45	1.53				
	[KW]	[0.90]	[0.95]	[1.02]	[1.08]	[1.14]				

DRIVE RANGE 1
DRIVE RANGE 2
DRIVE RANGE 3
DRIVE RANGE 4

▼ PERFORMANCE DATA

WEHC 03 (1,200 to 2,800 CFM)



EXTERNAL STATIC PRESS, INCH W. G. (Pa)

CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)	1.500 (373)
1,200 (566)	RPM			672	796	818				
	BHP			0.25	0.32	0.40				
	[KW]			[0.19]	[0.24]	[0.30]				
1,400 (661)	RPM		660	735	803	865	986			
	BHP		0.29	0.36	0.41	0.51	0.69			
	[KW]		[0.21]	[0.27]	[0.30]	[0.38]	[0.52]			
1,600 (755)	RPM	662	734	800	863	922	1,019	1,115		
	BHP	0.36	0.42	0.48	0.58	0.64	0.82	1.02		
	[KW]	[0.27]	[0.31]	[0.36]	[0.44]	[0.48]	[0.61]	[0.76]		
1,800 (850)	RPM	745	809	869	927	982	1,048	1,147		
	BHP	0.51	0.59	0.67	0.74	0.83	0.93	1.12		
	[KW]	[0.38]	[0.44]	[0.50]	[0.55]	[0.62]	[0.70]	[0.84]		
2,000 (944)	RPM	827	886	941	993	1,023	1,100	1,183	1,261	
	BHP	0.70	0.76	0.85	0.96	1.02	1.14	1.34	1.46	
	[KW]	[0.52]	[0.57]	[0.63]	[0.72]	[0.76]	[0.85]	[1.00]	[1.09]	
2,200 (1,038)	RPM	910	963	1,007	1,031	1,060	1,152	1,228	1,307	1,383
	BHP	0.92	1.00	1.08	1.14	1.18	1.37	1.60	1.62	2.00
	[KW]	[0.69]	[0.75]	[0.80]	[0.85]	[0.88]	[1.02]	[1.19]	[1.21]	[1.49]
2,400 (1,133)	RPM	993	1,020	1,042	1,080	1,124	1,198	1,280	1,358	
	BHP	1.20	1.25	1.27	1.36	1.46	1.71	1.93	2.13	
	[KW]	[0.90]	[0.93]	[0.95]	[1.01]	[1.09]	[1.27]	[1.44]	[1.59]	
2,600 (1,227)	RPM	1,036	1,067	1,107	1,150	1,179	1,255	1,355		
	BHP	1.40	1.43	1.57	1.67	1.76	2.01	2.29		
	[KW]	[1.04]	[1.07]	[1.17]	[1.25]	[1.31]	[1.50]	[1.71]		
2,800 (1,321)	RPM	1,101	1,143	1,170	1,197	1,236	1,316	1,391		
	BHP	1.68	1.79	1.90	1.99	2.11	2.38	2.69		
	[KW]	[1.26]	[1.34]	[1.41]	[1.48]	[1.57]	[1.78]	[2.00]		

Recovery Ventilator

▼ PERFORMANCE DATA

WEHC 04 (1,550 to 4,100 CFM)



EXTERNAL STATIC PRESS, INCH W. G. (Pa)

CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)	1.500 (373)
1,544 (729)	RPM	619	686	743	801					
	BHP	0.25	0.29	0.33	0.37					
	[KW]	[0.19]	[0.22]	[0.25]	[0.28]					
1,758 (830)	RPM	677	733	791	840	892				
	BHP	0.35	0.39	0.44	0.48	0.53				
	[KW]	[0.26]	[0.29]	[0.33]	[0.36]	[0.40]				
1,971 (930)	RPM	726	778	832	879	928	1,016			
	BHP	0.46	0.51	0.56	0.61	0.66	0.77			
	[KW]	[0.34]	[0.38]	[0.42]	[0.45]	[0.49]	[0.57]			
2,185 (1,031)	RPM	769	828	868	913	960	1,044	1,124		
	BHP	0.59	0.65	0.70	0.76	0.81	0.93	1.04		
	[KW]	[0.44]	[0.48]	[0.52]	[0.57]	[0.60]	[0.69]	[0.78]		
2,375 (1,121)	RPM	813	859	907	950	994	1,076	1,152	1,224	
	BHP	0.73	0.79	0.85	0.91	0.97	1.09	1.22	1.34	
	[KW]	[0.54]	[0.59]	[0.63]	[0.66]	[0.72]	[0.81]	[0.91]	[1.00]	
2,556 (1,206)	RPM	850	899	941	985	1,024	1,103	1,177	1,247	1,314
	BHP	0.88	0.95	1.01	1.08	1.14	1.27	1.40	1.53	1.66
	[KW]	[0.66]	[0.71]	[0.75]	[0.81]	[0.85]	[0.95]	[1.04]	[1.14]	[1.24]
2,746 (1,296)	RPM	888	933	974	1,016	1,054	1,130	1,202	1,271	1,336
	BHP	1.04	1.12	1.19	1.26	1.33	1.47	1.61	1.75	1.89
	[KW]	[0.78]	[0.84]	[0.89]	[0.94]	[0.99]	[1.10]	[1.20]	[1.30]	[1.41]
2,921 (1,379)	RPM	921	961	1,003	1,042	1,081	1,155	1,225	1,291	1,355
	BHP	1.21	1.29	1.37	1.44	1.52	1.67	1.81	1.96	2.11
	[KW]	[0.90]	[0.96]	[1.02]	[1.07]	[1.13]	[1.25]	[1.35]	[1.46]	[1.57]
3,088 (1,457)	RPM	962	1,000	1,041	1,078	1,116	1,187	1,254	1,335	1,386
	BHP	1.40	1.49	1.57	1.665	1.74	1.89	2.05	2.20	2.36
	[KW]	[1.04]	[1.11]	[1.17]	[1.23]	[1.30]	[1.41]	[1.53]	[1.64]	[1.76]
3,240 (1,529)	RPM	986	1,026	1,02	1,101	1,136	1,205	1,271	1,335	1,396
	BHP	1.57	1.66	1.75	1.84	1.92	2.09	2.25	2.42	2.58
	[KW]	[1.17]	[1.24]	[1.30]	[1.37]	[1.43]	[1.56]	[1.68]	[1.80]	[1.92]
3,406 (1,607)	RPM	1,026	1,061	1,098	1,133	1,169	1,236	1,301	1,363	1,422
	BHP	1.79	1.88	1.98	2.07	2.17	2.35	2.52	2.69	2.86
	[KW]	[1.33]	[1.40]	[1.48]	[1.54]	[1.62]	[1.75]	[1.88]	[2.01]	[2.13]
3,577 (1,688)	RPM	1,062	1,098	1,132	1,167	1,199	1,265	1,328	1,388	1,446
	BHP	2.03	2.14	2.23	2.33	2.43	2.62	2.80	2.99	3.16
	[KW]	[1.51]	[1.60]	[1.66]	[1.74]	[1.81]	[1.95]	[2.09]	[2.23]	[2.36]
3,753 (1,771)	RPM	1,100	1,132	1,167	1,198	1,232	1,296	1,357	1,416	1,473
	BHP	2.31	2.40	2.51	2.61	2.72	2.92	3.12	3.31	3.50
	[KW]	[1.72]	[1.79]	[1.87]	[1.95]	[2.03]	[2.18]	[2.33]	[2.47]	[2.61]
3,938 (1,859)	RPM	1,128	1,161	1,191	1,225	1,254	1,316	1,377	1,434	1,490
	BHP	2.58	2.69	2.79	2.90	3.01	3.22	3.44	3.64	3.84
	[KW]	[1.92]	[2.01]	[2.08]	[2.16]	[2.24]	[2.40]	[2.57]	[2.71]	[2.86]
4,104 (1,937)	RPM	1,153	1,182	1,213	1,243	1,274	1,334	1,393	1,450	1,505
	BHP	2.84	2.94	3.05	3.16	3.28	3.50	3.73	3.95	4.16
	[KW]	[2.12]	[2.19]	[2.27]	[2.36]	[2.45]	[2.61]	[2.78]	[2.95]	[3.10]

DRIVE RANGE 1
DRIVE RANGE 2
DRIVE RANGE 3
DRIVE RANGE 4
DRIVE RANGE 5

▼ **PERFORMANCE DATA**

WEHC 06 (2,450 to 6,200 CFM)

EXTERNAL STATIC PRESS, INCH W. G. (Pa)



CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)	1.500 (373)
2,438 (1,151)	RPM	503	552	594	638					
	BHP	0.40	0.47	0.53	0.60					
	[KW]	[0.30]	[0.36]	[0.40]	[0.45]					
2,775 (1,310)	RPM	543	595	637	674	713				
	BHP	0.55	0.63	0.70	0.78	0.86				
	[KW]	[0.41]	[0.47]	[0.52]	[0.58]	[0.64]				
3,113 (1,469)	RPM	595	633	672	706	743	809			
	BHP	0.73	0.81	0.89	0.97	1.06	1.24			
	[KW]	[0.54]	[0.60]	[0.66]	[0.72]	[0.79]	[0.92]			
3,450 (1,628)	RPM	638	673	709	742	776	839	898		
	BHP	0.94	1.03	1.12	1.21	1.31	1.50	1.69		
	[KW]	[0.70]	[0.77]	[0.84]	[0.90]	[0.98]	[1.12]	[1.26]		
3,750 (1,770)	RPM	675	708	742	773	805	865	922	977	
	BHP	1.16	1.25	1.35	1.44	1.55	1.75	1.96	2.18	
	[KW]	[0.87]	[0.93]	[1.01]	[1.07]	[1.16]	[1.30]	[1.46]	[1.63]	
4,035 (1,904)	RPM	708	742	772	804	832	889	944	997	1,048
	BHP	1.38	1.49	1.59	1.70	1.80	2.02	2.24	2.47	2.70
	[KW]	[1.03]	[1.11]	[1.19]	[1.27]	[1.34]	[1.51]	[1.67]	[1.84]	[2.01]
4,335 (2,046)	RPM	743	775	804	835	862	917	969	1,020	1,069
	BHP	1.65	1.77	1.87	1.99	2.10	2.33	2.57	2.80	3.05
	[KW]	[1.23]	[1.32]	[1.39]	[1.48]	[1.57]	[1.74]	[1.92]	[2.09]	[2.27]
4,613 (2,177)	RPM	779	808	838	865	893	945	996	1,045	1,092
	BHP	1.95	2.06	2.18	2.30	2.42	2.66	2.91	3.16	3.42
	[KW]	[1.45]	[1.54]	[1.63]	[1.72]	[1.80]	[1.98]	[2.17]	[2.36]	[2.55]
4,875 (2,301)	RPM	812	839	868	893	921	972	1,021	1,068	1,114
	BHP	2.25	2.36	2.49	2.61	2.74	3.00	3.26	3.52	3.79
	[KW]	[1.68]	[1.76]	[1.86]	[1.95]	[2.04]	[2.24]	[2.43]	[2.62]	[2.83]
5,115 (2,414)	RPM	838	866	892	919	944	993	1,041	1,087	1,131
	BHP	2.53	2.66	2.79	2.92	3.05	3.32	3.59	3.86	4.13
	[KW]	[1.89]	[1.98]	[2.08]	[2.18]	[2.27]	[2.48]	[2.68]	[2.88]	[3.08]
5,378 (2,538)	RPM	871	897	923	948	973	1,021	1,067	1,112	1,155
	BHP	2.89	3.02	3.16	3.29	3.44	3.71	4.00	4.28	4.57
	[KW]	[2.16]	[2.25]	[2.36]	[2.45]	[2.57]	[2.77]	[2.98]	[3.19]	[3.41]
5,648 (2,666)	RPM	904	931	955	980	1,003	1,049	1,093	1,137	1,179
	BHP	3.29	3.44	3.57	3.72	3.86	4.15	4.44	4.74	5.04
	[KW]	[2.45]	[2.57]	[2.66]	[2.77]	[2.88]	[3.09]	[3.31]	[3.53]	[3.76]
5,925 (2,796)	RPM	939	963	988	1,010	1,034	1,079	1,122	1,164	
	BHP	3.74	3.88	4.04	4.18	4.34	4.64	4.95	5.26	
	[KW]	[2.79]	[2.89]	[3.01]	[3.12]	[3.24]	[3.46]	[3.69]	[3.92]	
6,218 (2,935)	RPM	965	989	1,011	1,035	1,057	1,100	1,143	1,183	
	BHP	4.19	4.35	4.50	4.66	4.81	5.13	5.44	5.76	
	[KW]	[3.12]	[3.24]	[3.36]	[3.47]	[3.59]	[3.83]	[4.06]	[4.30]	
6,480 (3,058)	RPM	991	1,013	1,036	1,057	1,080	1,122	1,162		
	BHP	4.63	4.79	4.96	5.11	5.28	5.61	5.93		
	[KW]	[3.45]	[3.57]	[3.70]	[3.81]	[3.94]	[4.18]	[4.42]		

Recovery Ventilator

▼ PERFORMANCE DATA

WEHC 08 (3,000 to 8,000 CFM)



EXTERNAL STATIC PRESS, INCH W. G. (Pa)

CFM (L/s)		0.000 (0)	0.125 (31)	0.250 (62)	0.375 (93)	0.500 (124)	0.750 (186)	1.000 (249)	1.250 (311)	1.500 (373)
3,023 (1,427)	RPM	438	484	523						
	BHP	0.47	0.56	0.64						
	[KW]	[0.35]	[0.42]	[0.48]						
3,441 (1,624)	RPM	480	521	558	595					
	BHP	0.64	0.74	0.84	0.95					
	[KW]	[0.48]	[0.55]	[0.63]	[0.71]					
3,860 (1,822)	RPM	513	551	585	620	651				
	BHP	0.84	0.95	1.05	1.17	1.28				
	[KW]	[0.63]	[0.71]	[0.78]	[0.87]	[0.95]				
4,278 (2,019)	RPM	545	581	612	645	675	733			
	BHP	1.06	1.18	1.29	1.42	1.53	1.79			
	[KW]	[0.79]	[0.88]	[0.96]	[1.06]	[1.14]	[1.33]			
4,650 (2,195)	RPM	571	601	634	663	693	750	803		
	BHP	1.28	1.40	1.52	1.65	1.78	2.05	2.33		
	[KW]	[0.95]	[1.04]	[1.13]	[1.23]	[1.33]	[1.53]	[1.74]		
5,003 (2,361)	RPM	605	636	664	694	721	775	826	874	
	BHP	1.56	1.69	1.82	1.96	2.09	2.37	2.67	2.96	
	[KW]	[1.16]	[1.26]	[1.36]	[1.46]	[1.56]	[1.77]	[1.99]	[2.21]	
5,375 (2,537)	RPM	634	664	690	718	744	795	845	892	937
	BHP	1.85	2.00	2.13	2.28	2.42	2.72	3.02	3.34	3.66
	[KW]	[1.38]	[1.49]	[1.59]	[1.70]	[1.80]	[2.03]	[2.25]	[2.49]	[2.73]
5,720 (2,670)	RPM	662	690	715	742	767	816	863	909	953
	BHP	2.17	2.31	2.46	2.61	2.76	3.07	3.39	3.72	4.06
	[KW]	[1.62]	[1.72]	[1.83]	[1.95]	[2.06]	[2.29]	[2.53]	[2.77]	[3.03]
6,045 (2,853)	RPM	691	717	742	767	791	838	884	928	971
	BHP	2.50	2.66	2.81	2.97	3.12	3.45	3.78	4.13	4.48
	[KW]	[1.86]	[1.98]	[2.10]	[2.21]	[2.33]	[2.57]	[2.82]	[3.08]	[3.34]
6,343 (2,994)	RPM	712	738	761	786	809	855	899	942	984
	BHP	2.81	2.98	3.13	3.30	3.46	3.79	4.14	4.49	4.86
	[KW]	[2.10]	[2.22]	[2.33]	[2.46]	[2.58]	[2.83]	[3.09]	[3.35]	[3.62]
6,668 (3,147)	RPM	740	763	787	809	832	877	920	962	1,002
	BHP	3.21	3.37	3.54	3.70	3.88	4.23	4.59	4.95	5.33
	[KW]	[2.39]	[2.51]	[2.64]	[2.76]	[2.89]	[3.15]	[3.42]	[3.69]	[3.97]
7,003 (3,305)	RPM	765	789	811	834	855	897	939	979	1,019
	BHP	3.63	3.81	3.98	4.16	4.33	4.69	5.06	5.44	5.83
	[KW]	[2.71]	[2.84]	[2.97]	[3.10]	[3.23]	[3.50]	[3.77]	[4.06]	[4.35]
7,347 (3,467)	RPM	792	813	836	857	878	920	960	999	1,037
	BHP	4.11	4.28	4.47	4.64	4.84	5.21	5.59	5.99	6.39
	[KW]	[3.06]	[3.19]	[3.33]	[3.46]	[3.61]	[3.89]	[4.17]	[4.47]	[4.77]
7,710 (3,639)	RPM	816	836	858	878	899	939	977	1,016	1,053
	BHP	4.61	4.79	4.99	5.17	5.37	5.76	6.08	6.56	6.98
	[KW]	[3.44]	[3.57]	[3.72]	[3.86]	[4.00]	[4.30]	[4.53]	[4.89]	[5.20]
8,035 (3,792)	RPM	838	860	879	900	919	958	996	1,033	
	BHP	5.11	5.31	5.5	5.7	5.89	6.30	6.71	7.12	
	[KW]	[3.81]	[3.96]	[4.10]	[4.25]	[4.39]	[4.70]	[5.00]	[5.31]	

Recovery Ventilator