



**PACIFIC
BLOWERS**



Technical Specification

60Hz

Single Stage Regenerative Blowers / 1 Phase (110 / 220 V)

MODEL PHASE		MOTOR		CURRENT	MAX. AIR FLOW			MAX. PRESSURE				MAX VACUUM			S. LEVEL	WEIGHT NET		DIAMETER	CURVE	
Model (HRB)	Phase	Motor (HP)	Motor (Kw)	Current (A) 110 / 220 V	Flow (cfm)	Flow (m3/min)	Flow (m3/hr)	Max Pressure (in H2O)	Max Pressure (mmAq)	Max Pressure (psig)	Max Pressure (mbar)	Max Vacuum (in H2O)	Max Vacuum (mmAq)	Max Vacuum (psig)	Max Vacuum (mbar)	Sound Level (dB/A)	Weight (lbs.)	Weight (Kg)	Diameter (INLET/OUTLET) inch	Curve N°
PB-101	1	0.5	0.40	7.6 / 3.8	50	1.4	84	47	1200	1.7	118	40	1000	1.42	98	64	31	14	1 1/4	4H
PB-201	1	1.0	0.75	12.6 / 6.3	102	2.9	174	47	1200	1.7	118	44	1100	1.56	108	66	45	20	1 1/2	14H
PB-301	1	2.0	1.50	25.0 / 12.5	141	4.0	240	71	1800	2.56	177	63	1600	2.27	157	75	73	33	2	23H
PB-401	1	3.0	2.20	38.0 / 19.0	141	4.0	240	110	2800	3.98	275	79	2000	2.84	196	75	78	35	2	24H
PB-501	1	3.0	2.20	44.0 / 22.0	212	6.0	360	83	2100	2.98	206	79	2000	2.84	196	76	86	39	2	

Single Stage Regenerative Blowers / 3 Phase (220 / 460 V)

MODEL PHASE		MOTOR		CURRENT	MAX. AIR FLOW			MAX. PRESSURE				MAX VACUUM			S. LEVEL	WEIGHT NET		DIAMETER	CURVE	
Model (HRB)	Phase	Motor (HP)	Motor (Kw)	Current (A) 220 / 380 / 460V	Flow (cfm)	Flow (m3/min)	Flow (m3/hr)	Max Pressure (in H2O)	Max Pressure (mmAq)	Max Pressure (psig)	Max Pressure (mbar)	Max Vacuum (in H2O)	Max Vacuum (mmAq)	Max Vacuum (psig)	Max Vacuum (mbar)	Sound Level (dB/A)	Weight (lbs.)	Weight (Kg)	Diameter (INLET/OUTLET) inch	Curve N°
PB-100	3	0.7	0.50	2.4 / 1.4 / 1.2	50	1.4	84	51	1300	1.84	127	47	1200	1.7	118	64	26	11.5	1 1/4	4H
PB-200	3	1.2	0.93	4.2 / 2.4 / 2.1	102	2.9	174	51	1300	1.84	127	47	1200	1.7	118	66	40	18	1 1/2	12H
PB-300	3	2.3	1.75	7.6 / 4.4 / 3.8	141	4.0	240	79	2000	2.84	196	71	1800	2.56	177	75	64	29	2	20H
PB-400	3	3.4	2.55	10.7 / 6.2 / 5.3	141	4.0	240	118	3000	4.2	294	87	2200	3.12	216	75	73	33	2	21H
PB-500	3	3.4	2.55	12.1 / 7.0 / 6.0	212	6.0	360	79	2000	2.84	196	87	2200	3.12	216	76	84	38	2	30H
PB-600	3	5.0	3.70	14.0 / 8.1 / 7.0	212	6.0	360	118	3000	4.2	294	110	2800	3.98	275	76	93	42	2	31H
PB-700	3	6.0	4.50	17.0 / 9.8 / 8.5	212	6.0	360	134	3400	4.8	333	130	3300	4.69	324	76	102	46	2	32H
PB-750	3	6.0	4.50	17.3 / 10.0 / 8.6	353	10.0	600	79	2000	2.84	196	79	2000	2.84	196	78	203	92	2 1/2	
PB-800	3	8.4	6.30	31.2 / 18.0 / 15.6	353	10.0	600	118	3000	4.2	294	122	3100	4.4	304	78	309	140	2 1/2	80H
PB-900	3	11.5	8.60	34.0 / 19.6 / 17.0	353	10.0	600	177	4500	6.4	441	138	3500	4.97	343	78	331	150	2 1/2	81H
PB-1000	3	16.8	12.60	40.0 / 23.1 / 20.0	353	10.0	600	197	5000	7.1	490	138	3500	4.97	343	78	419	190	2 1/2	82H
PB-1100	3	16.8	12.60	40.0 / 23.1 / 20.0	706	20.0	1200	83	2100	2.98	206	79	2000	2.84	196	82	574	260	4	100H
PB-1200	3	20.4	15.30	54.0 / 31.2 / 27.0	706	20.0	1200	118	3000	4.2	294	114	2900	4.12	284	82	574	260	4	101H
PB-1300	3	30.0	22.70	76.0 / 43.9 / 38.0	706	20.0	1200	177	4500	6.4	441	150	3800	5.4	373	82	607	275	4	102H



Technical Specification

60Hz

Double Stage Regenerative Blowers / 1 Phase (110 / 220 V)

MODEL PHASE		MOTOR		CURRENT	MAX. AIR FLOW			MAX. PRESSURE				MAX VACUUM				S. LEVEL	WEIGHT NET		DIAMETER	CURVE
Model (HRB)	Phase	Motor (HP)	Motor (Kw)	Current (A) 110 / 220 V	Flow (cfm)	Flow (m3/min)	Flow (m3/hr)	Max Pressure (in H2O)	Max Pressure (mmAq)	Max Pressure (psig)	Max Pressure (mbar)	Max Vacuum (in H2O)	Max Vacuum (mmAq)	Max Vacuum (psig)	Max Vacuum (mbar)	Sound Level (dB/A)	Weight (lbs.)	Weight (Kg)	Diameter (INLET/OUTLET) inch	Curve N°
PB-102/1	1	0.5	0.40	7.6/ 3.8	58	1.6	96	47	1200	1.7	118	40	1000	1.42	98	68	40	18	1 1/4	6H
PB-202/1	1	1.0	0.75	10.6/ 5.3	58	1.6	96	83	2100	2.98	206	67	1700	2.41	167	68	44	20	1 1/4	215H
PB-302/1	1	1.5	1.10	12.0/ 6.0	58	1.6	96	98	2500	3.55	245	79	2000	2.84	196	68	50	23	1 1/4	225H
PB-402/1	1	3.0	2.20	31.0/ 15.5	113	3.2	192	138	3500	4.98	343	102	2600	3.69	255	75	85	39	1 1/2	

Double Stage Regenerative Blowers / 3 Phase (220 / 460 V)

MODEL PHASE		MOTOR		CURRENT	MAX. AIR FLOW			MAX. PRESSURE				MAX VACUUM				S. LEVEL	WEIGHT NET		DIAMETER	CURVE
Model (HRB)	Phase	Motor (HP)	Motor (Kw)	Current (A) 220 / 380 / 460V	Flow (cfm)	Flow (m3/min)	Flow (m3/hr)	Max Pressure (in H2O)	Max Pressure (mmAq)	Max Pressure (psig)	Max Pressure (mbar)	Max Vacuum (in H2O)	Max Vacuum (mmAq)	Max Vacuum (psig)	Max Vacuum (mbar)	Sound Level (dB/A)	Weight (lbs.)	Weight (Kg)	Diameter (INLET/OUTLET) inch	Curve N°
PB-102	3	0.7	0.50	2.6 / 1.5 / 1.3	58	1.6	96	59	1500	2.13	147	40	1000	1.42	98	68	34	15	1 1/4	37H
PB-202	3	1.2	0.93	4.2 / 2.4 / 2.1	58	1.6	96	98	2500	3.55	245	80	2000	2.84	196	68	40	18	1 1/4	40H
PB-302	3	2.0	1.50	5.2 / 3.0 / 2.6	58	1.6	96	118	3000	4.26	294	87	2200	3.12	216	68	45	20	1 1/4	41H
PB-402	3	3.4	2.55	10.9 / 6.3 / 5.4	113	3.2	192	158	4000	5.68	392	118	3000	4.26	294	75	84	38	1 1/2	50H
PB-502	3	3.4	2.55	11.8 / 6.8 / 5.9	145	4.1	246	118	3000	4.26	294	110	2800	3.98	275	78	93	42	2	59H
PB-602	3	5.0	3.70	14.7 / 8.5 / 7.3	145	4.1	246	165	4200	5.97	412	158	4000	5.68	392	78	102	46	2	60H
PB-702	3	6.0	4.50	16.5 / 9.5 / 8.2	145	4.1	246	197	5000	7.11	490	169	4300	6.11	422	78	108	49	2	61H
PB-802	3	6.0	4.50	17.0 / 9.8 / 8.5	215	6.1	366	146	3700	5.26	363	138	3500	4.97	343	80	126	57	2	72H
PB-902	3	8.4	6.30	22.0 / 12.7 / 11.0	215	6.1	366	205	5200	7.39	510	169	4300	6.11	422	80	179	81	2	73H
PB-1002	3	11.5	8.60	31.2 / 18.0 / 15.6	215	6.1	366	236	6000	8.53	588	177	4500	6.4	441	80	230	104	2	74H
PB-1102	3	16.8	12.60	40.0 / 23.1 / 20.0	336	9.5	570	244	6200	8.81	608	169	4300	6.11	422	82	530	240	2 1/2	91H
PB-1202	3	23.0	17.30	56.0 / 32.3 / 28.0	336	9.5	570	283	7200	10.24	706	189	4800	6.82	471	82	552	250	2 1/2	92H
PB-1302	3	20.4	15.30	54.0 / 31.2 / 27.0	777	22.0	1320	98	2500	3.55	245	106	2700	3.84	265	88	728	330	4	11H
PB-1402	3	24.7	18.50	65.5 / 37.5 / 31.7	777	22.0	1320	138	3500	4.98	343	126	3200	4.55	314	88	761	345	4	112H
PB-1502	3	35.7	26.80	82.0 / 47.3 / 41.0	777	22.0	1320	189	4800	6.82	471	189	4800	6.82	471	88	783	355	4	113H
PB-1503	3	24.7	15.50	65.5 / 37.8 / 32.7	1413	40.0	2400	47	1200	1.7	118	43	1100	1.56	108	88	849	385	5	
PB-1603	3	30.0	22.70	74.3 / 42.9 / 37.1	1413	40.0	2400	71	1800	2.56	177	71	1800	2.56	177	88	882	400	5	
PB-1703	3	40.0	30.00	91.8 / 53.0 / 45.9	1413	40.0	2400	91	2300	3.27	226	98	2500	3.55	245	88	904	410	5	