

1-800-GRAINGER (472-4643)

# High-Pressure Radial Blade Belt-Drive Industrial Blowers



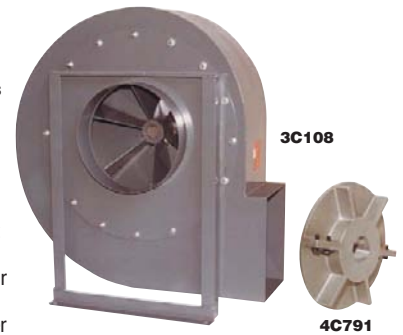
- Housing can be rotated to 8 discharge positions in each rotation
- 12 1/4" blower handles stringy material, grain, sawdust, granular material, and particle-laden air of nonexplosive gases
- 15 5/8" to 36 1/2" blowers handle grain, sawdust, granular material, and particle-laden air of nonexplosive gases
- Max. inlet air temp.: 250°F; increases to 450° with optional heat slinger
- Max. ambient temp.: 104°F

Units are built for CW rotation and bottom horizontal discharge, but can easily be converted to CCW rotation by removing and remounting housing opposite of standard. With weatherproof drive covers. Heavy-gauge, continuous arc welded steel construction with gray baked-on epoxy finish. Blowers have 6 mounting points.

Note: Review OSHA Codes. OSHA complying guards are required when fan blades are exposed and within reach of personnel.

**WARNING: Ductwork required to prevent motor overload.**

**Optional Heat Slinger**—Split-type aluminum slinger mounts on blower shaft between housing and bearing. Cools bearing, allowing blower to handle inlet air temps. up to 450°F. When used with heat shield between motor and housing, blower can handle inlet temperatures up to 500°F.



Wheel Dia. (in.)	Shaft Dia. (in.)	H (in.)	Housing W (in.)	L (in.)	Discharge		Inlet Dia. (in.)	REPLACEMENT WHEEL Item No.	REPLACEMENT SHAFT & BEARING KIT Item No.	OPTIONAL HEAT SLINGER Item No.	RECOMMENDED FLOOR-MOUNT VIBRATION ISOLATORS, Mason Industries, 6 REQUIRED Item No.
12 1/4 in	1 3/8 in	19 3/8 in	6 in	19 1/4 in	7 in	6 in	7 1/4 in	2ZB43	45J484	4C784	4C875
15 5/8 in	1 3/8 in	24 3/8 in	7 1/2 in	23 3/8 in	9 in	7 1/2 in	9 1/4 in	2ZB41	45J478	4C784	4C955
19 1/8 in	1 3/8 in	29 3/8 in	9 1/2 in	28 3/8 in	11 in	9 1/8 in	11 1/4 in	2ZB45	45J479	4C790	4C876
22 3/8 in	1 1/2 in	35 1/8 in	10 1/2 in	33 1/8 in	13 in	10 1/2 in	13 1/4 in	2ZB42	45J480	4C791	4C876
26 1/8 in	1 3/4 in	40 3/8 in	12 1/2 in	39 3/8 in	15 in	12 1/2 in	15 1/4 in	—	45J485	4C792	4C961
29 3/8 in	1 3/4 in	46 1/8 in	13 3/4 in	44 1/8 in	17 in	13 3/4 in	17 1/4 in	—	45J494	4C792	4C988
33 in	2 1/8 in	51 1/4 in	15 3/4 in	49 1/4 in	19 in	15 3/4 in	19 1/4 in	—	45J495	4DKK9	4C988
36 1/2 in	2 1/8 in	56 1/4 in	17 in	54 in	21 in	17 in	21 1/4 in	—	45J496	4DKL1	4C988

Wheel Dia. (in.)	CFM Air Delivery @ Static Pressure Shown												Blower RPM	Motor HP	dBA @ 5 Ft. †	Volts 60 Hz	Phase	COMPLETE WITH DRIVE PACKAGE**		
	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	Dripproof Motor Item No.	Totally Enclosed Motor Item No.						WITHOUT DRIVE PACKAGE** Item No.		
12 1/4 in	1455	1290	1090	840	515	—	—	—	—	—	—	—	3,160	3 hp	78	230/460	3	7C240	7C279	3C539
	#	#	#	1145	915	625	—	—	—	—	—	—	3,390	3 hp	79	230/460	3	7C241	7C280	
	#	1740	1610	1455	1290	1080	840	515	—	—	—	—	3,685	5 hp	82	230/460	3	7C242	7C281	
	#	1795	1660	1525	1360	1165	955	675	—	—	—	—	3,750	5 hp	82	230/460	3	7C243	7C282	
15 5/8 in	#	#	1780	1650	1505	1330	1135	910	620	—	—	—	3,870	5 hp	84	230/460	3	7C244	7C313	3C106
	#	1725	1430	960	—	—	—	—	—	—	—	—	2,275	3 hp	78	230/460	3	7C245	7C314	
	2290	2050	1810	1540	1120	—	—	—	—	—	—	—	2,460	5 hp	79	230/460	3	7C246	7C319	
	#	2330	2115	1890	1630	1250	—	—	—	—	—	—	2,625	5 hp	81	230/460	3	7C247	7C321	
19 1/8 in	2880	2665	2450	2250	2040	1795	1485	—	—	—	—	—	2,815	7.5 hp	83	230/460	3	7C248	7C322	3C107
	#	2850	2630	2425	2230	2015	1765	1420	—	—	—	—	2,920	7.5 hp	84	230/460	3	7C249	7C325	
	#	#	2845	2645	2460	2260	2060	1810	1470	—	—	—	3,045	10 hp	87	230/460	3	7C250	—	
	#	#	#	2900	2720	2540	2360	2160	1930	1615	—	—	3,180	10 hp	89	230/460	3	7C251	—	
22 3/8 in	#	#	#	#	#	2795	2620	2435	2245	—	—	—	3,335	10 hp	90	230/460	3	7C252	—	3C108
	3345	2985	2620	2190	1490	—	—	—	—	—	—	—	1,990	7.5 hp	81	230/460	3	7C253	7C329	
	#	3430	3115	2765	2360	1735	—	—	—	—	—	—	2,125	7.5 hp	82	230/460	3	7C257	7C331	
	4235	3900	3575	3260	2940	2560	2020	—	—	—	—	—	2,270	10 hp	84	230/460	3	7C260	7C333	
26 1/8 in	#	#	3840	3545	3245	2910	2515	1920	—	—	—	—	2,350	10 hp	85	230/460	3	7C261	7C334	3C540
	#	4420	4195	3900	3610	3315	3005	2605	2030	—	—	—	2,460	15 hp	89	230/460	3	7C262	—	
	#	#	#	4360	4075	3805	3530	3230	2875	2400	—	—	2,590	15 hp	90	230/460	3	7C263	—	
	#	#	#	4380	4190	3935	3675	3395	3047	—	—	—	2,715	15 hp	91	230/460	3	7C264	—	
29 3/8 in	#	4730	4260	3780	3170	2190	—	—	—	—	—	—	1,780	10 hp	83	230/460	3	7C265	7C342	3C540
	5750	5270	4810	4360	3855	3270	2315	—	—	—	—	—	1,880	15 hp	85	230/460	3	7C266	—	
	#	5840	5390	4985	4550	4080	3535	2665	—	—	—	—	1,985	15 hp	87	230/460	3	7C267	7C344	
	6700	6300	5910	5500	5100	4685	4240	3705	2955	—	—	—	2,090	20 hp	91	230/460	3	7C268	—	
33 in	#	#	6200	6050	5665	5270	4900	4475	3985	3260	—	—	2,185	20 hp	92	230/460	3	7C269	—	3AXF2
	#	#	#	#	5970	5585	5215	4835	4400	3885	—	—	2,250	20 hp	93	230/460	3	7C270	—	
	6925	6260	5635	4955	4135	—	—	—	—	—	—	—	1,540	15 hp	85	230/460	3	7C271	7C351	
	#	#	6435	5830	5200	4385	3145	—	—	—	—	—	1,630	15 hp	87	230/460	3	7C272	7C352	
36 1/2 in	#	7570	6980	6350	5840	5175	4370	—	—	—	—	—	1,700	20 hp	88	230/460	3	7C273	7C359	3AXF3
	#	8200	7755	7185	6660	6080	5490	4735	3600	—	—	—	1,795	25 hp	92	230/460	3	7C274	7C363	
	#	#	8110	7660	7130	6605	6065	5415	4580	—	—	—	1,860	25 hp	93	230/460	3	7C275	7C364	
	#	#	#	7630	7105	6600	6045	5415	4400	5040	—	—	1,900	25 hp	94	230/460	3	7C276	7C369	
39 1/8 in	#	#	#	#	7420	6890	6380	5790	5040	—	—	—	1,950	25 hp	95	230/460	3	7C277	7C386	3AXF4
	6131	5123	—	—	—	—	—	—	—	—	—	—	1,130	15 hp	88	230/460	3	7AH43	—	
	7492	6586	5669	4522	—	—	—	—	—	—	—	—	1,242	20 hp	90	230/460	3	7AH47	—	
	#	7612	6762	5894	4760	—	—	—	—	—	—	—	1,325	15 hp	89	230/460	3	7AH45	—	
42 3/8 in	9114	8298	7483	6665	5802	—	—	—	—	—	—	—	1,382	25 hp	92	230/460	3	7AH51	—	3AXF2
	#	#	8353	7582	6800	5956	—	—	—	—	—	—	1,453	20 hp	91	230/460	3	7AH49	—	
	10,243	9480	8719	7960	7198	6407	5365	—	—	—	—	—	1,483	30 hp	94	230/460	3	7AH55	—	
	#	#	#	8592	7883	7159	6352	—	—	—	—	—	1,592	25 hp	93	230/460	3	7AH53	—	
45 3/8 in	12,543	11,870	11,200	10,534	9870	9205	8541	7867	7156	6242	—	—	1,696	40 hp	95	230/460	3	7AH59	—	3AXF3
	#	#	#	#	#	#	8746	8083	7391	6574	—	—	1,712	30 hp	95	230/460	3	7AH57	—	
	#	#	#	#	#	#	#	9624	9007	8380	—	—	1,831	40 hp	96	230/460	3	7AH61	—	
	#	#	#	#	#	#	#	#	#	#	—	—	1,032	15 hp	89	230/460	3	7AH63	7AH64	
49 3/8 in	9834	8727	7622	6490	—	—	—	—	—	—	—	—	1,140	20 hp	91	230/460	3	7AH67	7AH68	3AXF4
	10,272	9192	8115	6992	—	—	—	—	—	—	—	—	1,167	25 hp	92	230/460	3	7AH71	7AH72	
	#	#	8349	7254	5640	—	—	—	—	—	—	—	1,180	15 hp	90	230/460	3	7AH65	7AH66	
	10,935	9888	8846	7796	6594	—	—	—	—	—	—	—	1,208	30 hp	93	230/460	3	7AH69	7AH76	
53 3/8 in	#	#	9649	8647	7605	6125	—	—	—	—	—	—	1,254	20 hp	86	230/460	3	7AH69	7AH70	3AXF3
	12,304	11,329	10,352	9381	8401	7320	—	—	—	—	—	—	1,295	40 hp	95	230/460	3	7AH79	—	
	#	11,653	10,691	9734	8775	7756	—	—	—	—	—	—	1,315	25 hp	92	230/460	3	7AH73	7AH74	
	13,711	12,803	11,891	10,981	10,074	9162	8193	6801	—	—	—	—	1,387	50 hp	94	230/460	3	7AH83	—	
57 3/8 in	#	#	#	11,472	10,585	9696	8780	7717	—	—	—	—	1,416	30 hp	94	230/460	3	—	7AH78	3AXF4
	#	#	13,955	13,121	12,286	11,455	10,625	9783	8882	7684	—	—	1,515	40 hp	96	230/460	3	7AH81	7AH82	
	#	#	#	14,049	14,049	13,269	12,491	11,716	10,938	10,136	—	—	1,621	50 hp	97	230/460	3	7AH85	7AH86	
	#	#	#	#	#	#	#	#	#	#	—	—	925	15 hp	83	230/460	3	7AH87	7AH88	
61 3/8 in	10,915	9480	7463	—	—	—	—	—	—	—	—	—	981	20 hp	85	230/460	3	7AH91	7AH92	3AXF4
	#	10,179	8480	6470	—	—	—	—	—	—	—	—	1,009	15 hp	83	230/460	3	7AH89	7AH90	
	11,597	10,251	8584	6542	—	—	—	—	—	—	—	—	1,012	25 hp	85	230/460	3	7AH95	7AH96	
	#	#	11,093	9591	7569	—	—	—	—	—	—	—	1,103	20 hp	85	230/460	3	7AH93	7AH94	
65 3/8 in	14,113	12,933	11,738	1																