

Motor Reference

Technical Specifications of Skeleton Frame Motors

Reversible Special Replacements

Part #	HP	Volts	Rotation	amp	Stack Size	RPM	Shaft Size	Fan Blades	Bag #	Description
700	1/100	110	CW	.35	5/8"	3000	3/16" X 1.4"	4", 5-1/2", 5.56"	2	replace Bohn/Heatcraft, Peerless, general
702	1/100	220	CW	.20	5/8"	3000	3/16" X 1.4"	4", 5-1/2", 5.56"	2	replace Bohn/Heatcraft, Peerless, general
707	1/55	110	CW	.9	7/8"	3000	3/16" X 1.2"	4", 5-1/2", 5.56"	2	700 Kit with larger motor
750	1/45	110	CW	1.1	1-1/8"	3000	3/16" X 1.2"		1, 3	replace Bohn/Heatcraft, Peerless, general
7502	1/45	110/220	CW	1.1/.55	1-1/8"	3000	3/16" X 1.2"	5.56", 6"	1, 3	replace Bohn/Heatcraft, Peerless, general

Direct Replacements

Part #	HP	Volts	Rotation	amp	Stack Size	RPM	Shaft Size	Fan Blades	Bag #	Description
550	1/125	110	CCW	.3	1/2"	3000	3/16" X 1.5"	4" CCW	1	vending machine motor
85	1/100	110	CW	.35	5/8"	3000	3/16" X 1.4"	5.56"	4	replace Bohn/Heatcraft – mounting
86	1/100	220	CW	.20	5/8"	3000	3/16" X 1.4"	5.56"	4	hardware in place, OEM fan
7461	1/55	110	CW	.9	7/8"	3000	3/16" X .9"	6"	4	Traulsen direct replace mounting
7462	1/55	110/220	CW	.9/.45	7/8"	3000	3/16" X .9"	6"	4	hardware in place, OEM fan
7466	1/100	110	CW	.35	5/8"	3000	3/16" X .9"	hub	4	Delfield direct replace, hardware in place
7467	1/100	110	CW	.35	5/8"	3000	3/16" X .9"	5", 5.56"	4	Delfield with 2 OEM style fan blades
7472	1/55	110/220	CW	.9/.45	7/8"	3000	3/16" X .9"	5", 5.56", 6"	4	hardware in place, OEM fan blades, replace Traulsen, Delfield, Peerless, general
7491	1/55	110	CW	.9	7/8"	3000	3/16" X .9"	5.56"	4	direct replace with mounting
7492	1/55	110/220	CW	.9/.45	7/8"	3000	3/16" X .9"	5.56"	4	hardware in place, OEM fan blade

Reversible Replacements

Part #	HP	Volts	Rotation	amp	Stack Size	RPM	Shaft Size	Fan Blades	Bag #	Description
106	1/150	110	CW	.3	3/8"	3000	1/8" X 1.5"	4"	1	general replacement
600	1/100	110	CW	.35	5/8"	3000	3/16" X 1.4"	3-1/2", 4"	1	general replacement
602	1/100	220	CW	.20	5/8"	3000	3/16" X 1.4"	3-1/2", 4"	1	general replacement
710	1/100	110	CW	.35	5/8"	3000	3/16" X 1.4"	5-1/2"	1	general replacement
712	1/100	220	CW	.18	5/8"	3000	3/16" X 1.4"	5-1/2"	1	general replacement
780	1/55	110	CW	.9	7/8"	3000	3/16" X 1.5"		1, 3	general replacement
7402	1/55	110/220	CW	.9/.45	7/8"	3000	3/16" X 1.5"	5.56", 6"	1, 3	replaces EM-675, Mars 90970, SM-675
7802	1/55	110/220	CW	.9/.45	7/8"	3000	3/16" X 1.5"		1, 3	replaces EM-675, Mars 90970, SM-675
800	1/150	110	CW	.3	3/8"	3000	3/16" X 1.4"		1	general replacement
4650	1/100	110	CW	.65	5/8"	3000	3/16" X 1.4" flat	4.62" impeller	-	replaces EM-550, VFM-100, Nutone 65878 w/plug
4670	1/100	110	CW	.35	5/8"	3000	3/16" X 1.4"	4", 5-1/2"	1	replaces EM-670, SM-670, 33-670, 90971
4672	1/100	220	CW	.20	5/8"	3000	3/16" X 1.4"	4", 5-1/2"	1	replaces EM-672, SM-672, 33-672, 90982
4673	1/100	110	CW	.35	5/8"	3000/1550	3/16" X 1.4"	4", 5-1/2"	1	replaces EM-673, SM-673, 33-673

Most 3000 RPM Motors Available with Ball Bearings

Fan Blades

Size	Part #	Rotation	CFM	Description
3-1/2"	2303	CW	65	4 vanes
4"	2403	CW	110	5 vanes
4"	2413	CCW	110	used in 550 Kit *
4.62"	462	impeller	50	for Nutone 65878
5-1/2"	255	CCW	240	4 vanes
5.56"	556	CCW	235	Bohn/Heatcraft, Peerless fan
6"	2603	CW	216	Traulsen fan blade
6"	2613	CCW	300	4 vanes

* 550 Kit includes double spade terminals
CFM figures are 3000 RPM at free air

Hardware Bags

Bag # 1	H-Brackets & C-washers, wirenuts
Bag # 2	Bohn/Heatcraft mounting hardware H-Brackets & C-washers, wirenuts
Bag # 3	Bohn/Heatcraft mounting hardware Shaft adapters, wirenuts
Bag # 4	wirenuts & fasteners for installed mounting hardware

