



Universal Electric Motors

HEATING 2012 MOTOR CATALOGUE



OMNIDRIVE

Century®

Formerly A.O. Smith Electrical Products Company



Formerly Emerson Motors

**INVERTEK
DRIVES**

WE DO MOTORS BEST.



www.uem.ca

Features:

- All Angle Mount
- Continuous Duty, Air Over
- Shaded Pole
- Thermally Protected
- Sleeve & Ball Bearings



3.3" Diameter

OMNIDRIVE

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS124	T.E.	1/20	115	1.55	1550	Hubless	CWSE	R124
SS125	T.E.	1/20	230	0.80	1550	Hubless	CWSE	R125
SS210	T.E.	1/50	230	0.40	1550	1/4" x 1.56"	CWSE	R210
SS212B •	T.E.	1/35	240	0.55	1550	5/16" x 3-1/2"	CWSE	R212
SS212S	T.E.	1/30	240	0.55	1550	5/16" x 3-1/2"	CWSE	---
SS213	T.E.	1/25	115	1.40	1550	5/16" x 1.78"	CWSE	R213
SS215	T.E.	1/300	240	0.24	1200	5/16" x 2-1/4"	CWSE	R215
SS217	T.E.	1/40	240	0.50	1550	1/4" x 1.56"	CCWSE	R217
SS303 •	OPEN	1/25	115	1.50	1550	5/16" x 3.28"	CWSE	R303
SS480	OPEN	1/30	208-240	0.80	1500	3/8" x 2.38"	CWSE	R480
SS511	T.E.	1/350	240	0.38	1350	1/4" x 2.05"	CCWSE	R511
P1000-B4 •	T.E.	1/20	120	1.70	1600/2	5/16" x 1.63"	CWSE	R400

(•) Ball Bearing

Skeleton Motors & Kits

Features:

- Continuous Duty, Air Over
- Class 'B' Insulation
- Impedance or Thermally Protected
- Mechanically Reversible



'C' Frame

OMNIDRIVE

Stock #	Stack	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS617	3/8	208-240	0.22	1900	3/16" x 1-1/4"	CWSE	R617
SS635	1-1/2	208-240	1.20/0.83	1550	1/4" x 1-1/2"	CCWSE	R635
SS3670	5/8	120/240	0.40/0.26	3000	3/16" x 1-9/16"	CWSE	R3670
SS3100	5/8	115	0.59	3000	7/32" x 1-11/16"	CCWSE	R3100 C01550 EM550, VFM100 SM550, C65878



OEM Replacements

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS630	OPEN	---	120	0.75	3000	7/32" x 1-13/16"	CCWSE	R630
SS260	T.E.	1/90	115	0.60	1500	5/16" x 1.09"	CCWSE	R260
SS262	T.E.	1/40	115	1.10	1550	5/16" x 1-1/2"	CCWSE	R262
SS264	T.E.	1/75	120	0.70	1550	5/16" x 2.06"	CCWSE	R264
SS266	T.E.	1/20	120	1.45	1550	5/16" x 1.40"	CCWSE	R266
SS2603	OPEN	1/35	115	1.15	1550	1/2" x 2.10"	CCWSE	R2603
SS2604	OPEN	1/10	120	2.65	1550	1/2" x 2.05"	CCWSE	R2604
SS2605	OPEN	1/12	115	3.00	1050	1/2" x 1.98"	CCWSE	R2605
SS2609	T.E.	1/30	115	1.21	1550	1/2" x 2.35"	CCWSE	R2609
SS2612	T.E.	1/30	115	1.21	1550	1/2" x 2.35"	CWSE	R2612

OMNIDRIVE

Fan Coil Motors

Features:

- Capacitor Included
- Sleeve Bearings
- Temspec, Unilux, Climetec & Snyder-General



SS799 - SS2799

OEM Replacements

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS799 *	OPEN	1/8	115	2.10	1000/5	1/2" x 5.00"	CWSE	DD-029
SS2799 *	OPEN	1/6	115	2.60	950/5	1/2" x 5.60"	CWSE	DD-030

OMNIDRIVE

(*) P.S.C. Design

Features:

- Continuous Duty
- Class 'B' Insulation
- UL Listed & CSA Approved
- Thermally Protected
- Sleeve & Ball Bearings
- 60 Hz



3.3" Diameter

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
433 •*	OPEN	1/20	115/208-230	0.71/0.38	1550	1/4" x 4-1/4"	REV.	---
570 •*	OPEN	1/20	115/230	1.80/0.92	3000	1/4" x 2-1/2"	CWSE	RFM5
571 •*	OPEN	1/20	115/230	1.80/0.92	3000	1/4" x 2-1/2"	CCWSE	RFM4
580	OPEN	1/20	115	1.80	3300	5/16" x 2-1/8"	CWSE	RFM580
778 •*	OPEN	1/16	208-230	0.41	3450	1/4" x 3-3/4"	CWSE	RFM680
9525 •	OPEN	1/12	460	0.20	3400	1/4" x 2-1/2"	CCWSE	RFM460
9526 •	OPEN	1/10	460	0.30	3400	3/8" x 8-3/4"	CCWSE	RFM187
9625 •	OPEN	1/16	460	0.25	3450	5/16" x 3-1/4"	CCWSE	RFM462
9626 •	OPEN	1/16	208-230	0.48	3450	5/16" x 3-1/4"	CCWSE	RFM232
UFM78 •	OPEN	1/10	115/230	1.30/0.70	3200	5/16" x 3-1/4"	REV.	RFM78
UFM410 •*	OPEN	1/10	115/230	1.40/0.70	3000	1/4" x 3.70"	REV.	RFM410
UFM653 •*	OPEN	1/12	230/460	1.20/0.60	3000	1/4" x 2-1/4"	CCWSE	RFM653
UFM3714 •*	OPEN	1/8	115/208-230	1.60/0.80	3200	1/4" x 4.00"	REV.	---
131410 •*	OPEN	1/10	115	1.60	3000	5/16" x 3.20"	CWLE	131410
148053 •*	OPEN	1/20	115	0.70	3300	5/16" x 3.00"	CWSE	148053
148055	OPEN	1/33	115	1.00	3300	5/16" x 2.00"	CWSE	148055

(•) Ball Bearing (*) P.S.C. Design (433,570,571,778,UFM410,UFM653,UFM3714 motors include 1/4" to 5/16" Bushing)





464

Airease

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
464	S.P.	1/60	208 - 230	0.55	3000	Ball	CCWSE	RFB6, 026-22239B 8973C, 80280



UFB129



UFB158



UFB160

Amana

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB129	S.P.	1/20	115	1.95	3250	Sleeve	CWSE	RFB129, A129 11009001, 11009002 7021-9064
UFB158	P.S.C.	1/25	115	0.70	3450	Sleeve	CWSE	RFB158, A158 D98686-5, R0156744 7021-8258, 7062-3151 7002-2407, 20000101 9552099437
UFB160	S.P.	1/30	115	1.60	3000	Sleeve	CWSE	RFB160, A160 R0156859, 20044401 D69964-5, 7021-8252 7002-2407



UFB547

Armstrong

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB547	S.P.	1/20	115	1.80	3400	Ball	CCWSE	RFB547, A163, 290 367170004, 20190601 40404-003G-004 40404-004, 7021-9625 2862-513-040



9619 - 9457

Clare

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
9619	S.P.	1/30	115	1.35	3200	Sleeve	CWLE	RFB140, JAIN107 7021-9087, 54-3, 73-3 4246100, 420950
9457	P.S.C.	1/20	115	0.70	3350	Sleeve	CWSE	RFB130, 7062-9064 7062-9064, 90-3 108-5, 126-5, 4246101



UFB391



961

Coleman

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB391	S.P.	1/25	115	1.30	3200	Sleeve	CWSE	RFB391, A088 UE94456, 7021-6759 7021-5478, 2940391P
961	S.P.	1/50	115	0.90	3300	Sleeve	CCWSE	RFB156, JA1P092 2702-3201A, 7021-9404



UFB391

Dornback

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB391	S.P.	1/25	115	1.30	3200	Sleeve	CWSE	RFB391, A088 UE94456, 7021-6759 2940391P, 7021-5478



Dundas Foundry

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB500	S.P.	1/33	115	1.10	2860	Sleeve	CCWSE	RFB500, UE9492 50752-D500



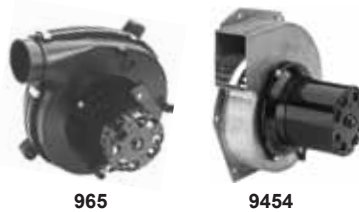
Evcon

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
961	S.P.	1/50	115	0.90	3300	Sleeve	CCWSE	RFB156, JA1P092 2702-3201A



FlameMaster

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
673	S.P.	1/50	115	1.00	3000	Sleeve	CWSE	RFB111, CPL1132 51-21504-01, SBC375



Frigidaire

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
965	P.S.C.	1/20	115	0.70	3400	Sleeve	CCWLE	RFB902, JE1C0003 6214080, 6216490
9454	S.P.	1/50	115	1.10	3000	Sleeve	CWSE	RFB903, A131 7021-9132



UFB162



UFB590



9619

Goodman

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB162	S.P.	1/50	208-230	0.50	3000	Sleeve	CCWSE	RFB162, A162 B29590-00, 7021-8656
UFB590	S.P.	1/35	115	1.30	3000	Sleeve	CCWSE	RFB590, A182 B40590-00, 70023036
9619	S.P.	1/30	115	1.35	3200	Sleeve	CCWLE	RFB140, JAIN107 B28330-01



UFB500

Greenhouse

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB500	S.P.	1/33	115	1.10	2860	Sleeve	CCWSE	RFB500, UE9492 50752-D500



673

Grimsby

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
673	S.P.	1/50	115	1.00	3000	Sleeve	CWSE	RFB111, CPL1132 51-21504-01, SBC375



967

G.S.W.

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
967	S.P.	1/30	115	1.71	3000	Sleeve	CCWLE	RFB127, 63217 7021-8347



UFB134 - UFB141 776

Heil Quaker

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB134	S.P.	1/25	115	1.50	3050	Sleeve	CWSE	RFB134, A134 1010324, 1010975 1708607
UFB141	S.P.	1/60	115	1.00	2800	Ball	CWSE	RFB141, A141 1010239, 1094073-74
776	S.P.	1/50	230	0.40	3200	Sleeve	CCWLE	RFB105, A151 JA1M109, 1050144 HQ1050144



UFB134 - UFB141 UFB145 UFB350 776 9453

ICP

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB134	S.P.	1/25	115	1.50	3050	Sleeve	CWSE	RFB134, A134 1010324, 1010975 1708607
UFB141	S.P.	1/60	115	1.00	2800	Ball	CWSE	RFB141, A141 1010239, 1094073-74
UFB145	P.S.C.	1/25	120	0.70	3450	Ball	CCWSE	RFB145, A145 1009924, 1009518 1010527, 1011404 1011412, 1164280
UFB350	P.S.C.	1/18	115	0.80	3450	Ball	CCWSE	RFB350, A173, 75 100, 125, 1011350
776	S.P.	1/50	230	0.40	3200	Sleeve	CCWLE	RFB105, A151 JA1M109, 1050144 HQ1050144
9453	S.P.	1/50	115	1.10	3000	Sleeve	CCWSE	RFB68, 1006168



Johnson

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
464	S.P.	1/60	208-230	0.55	3000	Ball	CCWSE	RFB6, 80280, 8973C 026-22239B
UFB547	S.P.	1/20	115	1.80	3400	Ball	CCWSE	RFB547, A163 7021-9450, 68K21



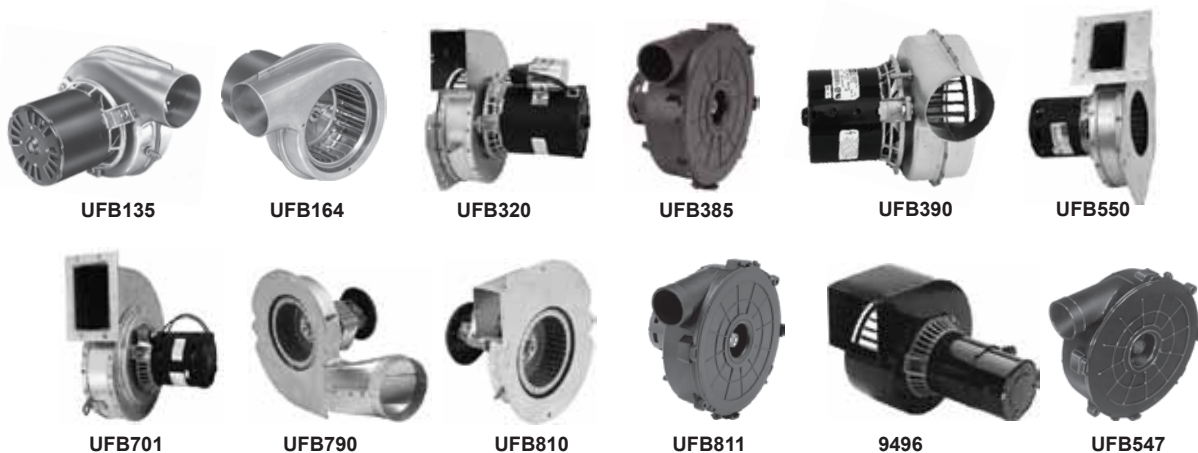
John Woods

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
967	S.P.	1/30	115	1.71	3000	Sleeve	CCWLE	RFB127, 7021-8347 63217



Keeprite

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB134	S.P.	1/25	115	1.50	3050	Sleeve	CWSE	RFB134, A134 1010324, 1010975 1708607
UFB141	S.P.	1/60	115	1.00	2800	Ball	CWSE	RFB141, A141 1010239, 1094073-74
UFB145	P.S.C.	1/25	120	0.70	3450	Ball	CCWSE	RFB145, A145 1009924, 1009518 1010527, 1011404 1011412, 1164280
UFB350	P.S.C.	1/18	115	0.80	3450	Ball	CCWSE	RFB350, A173, 75 100, 125, 1011350
776	S.P.	1/50	230	0.40	3200	Sleeve	CCWLE	RFB105, A151 JA1M109, 1050144 HQ1050144
9453	S.P.	1/50	115	1.10	3000	Sleeve	CCWSE	RFB68, 1006168



Lennox

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB135	S.P.	1/60	120	0.70	3000	Sleeve	CCWSE	RFB135, A135 19J04, 7121-8812 7021-8657
UFB164	S.P.	1/50	120	0.80	3400	Sleeve	CCWSE	RFB164, A164 7021-9593, 46K4101
UFB320	P.S.C.	1/10	460	0.38/0.33	3200	Ball	CWSE	RFB320, A331 7062-5554, 7062-4051 7062-4518, 69M3201 97J8101
UFB385	P.S.C.	1/20	115	0.80	3200/2	Ball	CCWSE	RFB385, A209 38M5001, 7062-5441
UFB390	S.P.	1/65	120	0.70	3000	Sleeve	CCWSE	RFB390, A219 88J3901, 7021-9262
UFB550	S.P.	1/16	230	0.83	3000	Ball	CCWSE	RFB550, A217 25M5501, 7021-11231
UFB701	P.S.C.	1/10	208-230	0.60	3200	Ball	CWSE	RFB701, A325 98G8701
UFB790	S.P.	1/28	115	1.80	3000	Ball	CCWSE	RFB790, A207 60M7901, 7058-0217
UFB810	S.P.	1/28	115	1.80	3000	Ball	CCWSE	RFB810, A208 60M8101, 7058-0322
UFB811	S.P.	1/15	115	2.40	3400	Ball	CCWSE	RFB811, A211 81M1601, 7021-1794 7062-3577
9496	P.S.C.	1/10	208-230	0.55	3000	Ball	CWSE	RFB101, 074, 135327 23G8101, 7062-1794 7062-3577, 28G6601
UFB547	S.P.	1/20	115	1.80	3400	Ball	CCWSE	RFB547, A163, G26 7021-9450, 68K21



464

Magic Chef

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
464	S.P.	1/60	208 - 230	0.55	3000	Ball	CCWSE	RFB6, 8973C 80280, 026-22239B



965



9454

Miller

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
965	P.S.C.	1/20	115	0.70	3400	Sleeve	CCWLE	RFB902, 6216490 6214080, JE1C0003
9454	S.P.	1/50	115	1.10	3000	Sleeve	CWSE	RFB903, A131 7021-9132



UB33

Newmac

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UB33	S.P.	1/60	115	0.88	3200	Sleeve	CWSE	RB33, 2040001



965



9454

Nordyne

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
965	P.S.C.	1/20	115	0.70	3400	Sleeve	CCWLE	RFB902, JE1C0003 6216490, 6214080
9454	S.P.	1/50	115	1.10	3000	Sleeve	CWSE	RFB903, A131 7021-9132



9619 - 9457

Olsen

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
9619	S.P.	1/30	115	1.35	3200	Sleeve	CCWLE	RFB140, JAIN107 54-3, 72-3, 4246100
9457	P.S.C.	1/20	115	0.70	3350	Sleeve	CWSE	RFB130, 16, 20, 90-3 108-5, 126-5, 4246101



UFB206



UFB641



577



9438



UFB139

Rheem - Ruud

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB206	P.S.C.	1/20	115	0.90	3400/2	Ball	CWSE	RFB206, A246 70-24206-01 7062-3925
UFB641	S.P.	1/25	208-230	0.60	3200	Sleeve	CWSE	RFB641, A241 70-23641-81 7021-9567
577	S.P.	1/50	115	1.00	3000	Sleeve	CCWSE	RFB214, A079 70-214196-83
9438	S.P.	1/50	115	1.10	2975	Sleeve	CWLE	RFB090, 70-21496-01 7021-5239, JA1M102
UFB139	S.P.	1/55	115	0.95	3000	Sleeve	CWSE	RFB139, A139 7062-7572, SP11608



UFB143



774



9457

Trane

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB143	S.P.	1/50	115	0.95	3000	Sleeve	CWSE	RFB143, A143, 60 80, 100, 7012-8428
774	S.P.	1/50	208-240	0.42	3000	Sleeve	CWLE	RFB73, UE774 38040252, 4429-32
9457	P.S.C.	1/20	115	0.70	3350	Sleeve	CWSE	RFB130, 60, 80, 100 UE9457



York

Stock #	Type	HP	Volts	Amps.	RPM	Bearings	Rotation	Replaces
UFB137	P.S.C.	1/25	115	0.70	3450	Sleeve	CWSE	RFB137, A137 7314249-70 7062-2442 3242500-7000
UFB154	S.P.	1/30	115	1.20	3000	Sleeve	CWSE	RFB154, A154 7021-9428 824-27519-000
UFB165	P.S.C.	1/25	115	0.70	3450	Ball	CWSE	RFB165, A165 7062-3958 2940391P 024-25960-000
771	S.P.	1/70	208-230	0.49	3000	Ball	CWLE	RFB63, A063, D8SA D9SA, 7021-4314 U464E, 026-22239-700
770	S.P.	1/70	208-230	0.49	3000	Ball	CWLE	RFB5, A063, 001, 007 408, 26-20224 512, 26-22239 026-0224-000
9455	S.P.	1/30	208-230	0.60	3000	Sleeve	CCWLE	RFB144, 018, 705 326-25999-000 024-24115-017
UFB654	S.P.	1/16	230/460	1.20/0.60	3000	Ball	CWSE	RFB654, 018, 020 7162-4547 024-24115-017
UFB655	S.P.	1/16	230/460	1.20/0.60	3000	Ball	CWSE	RFB655, 018, 020 7162-4547 024-24115-017

Features:

- All Angle Mount
- Continuous Duty, Air Over
- Class 'B' Insulation
- Shaded Pole
- Thermally Protected
- Single, Two & Three Speed Models
- Variable Speed Model
- Sleeve Bearings



3.3" Diameter

Stock #	Volts	Amps.	RPM	Reference	Replaces
UB1	115	1.20	3000	General Replacement	RB1
UB3	120	0.80	3000	General Replacement	RB3
UB4	115	0.88	3000	Radiant Tube Heaters	RB4
UB5	115	0.40	1550	Radiant Tube Heaters	RB5
UB160	115	1.10	1550	General Replacement	RB160
UB168	120	1.00	3000	Heat & Glow	RB168B
UB200T-2	120	0.80	1600/3	Elmira Woodstove	RB200T-2
UB265	115	1.40	1630	General Replacement	RB265
UB465	115	2.60	1550/2	General Replacement	RB465
UFB500	120	1.10	2860	Greenhouse	RFB500
13	115	1.00	3000	Radiant Tube Heaters	---

OMNIDRIVE



Formerly A.C. Smith Electrical Products Company

Inline Centrifugal Fans

Features:

- Installs in any Position
- High Pressure & Volume
- Supplied with 8 Foot Cord & Plug
- Mounting Bracket Included
- Backwards Inclined Fan Blades
- Steel Housing, Baked Powder Coat Finish
- Permanently Sealed Ball Bearings
- Three Year Warranty



All Models

Stock #	Duct Diameter	CFM	Watts	Volts	Amps.	Hz.	dBA
VENT-100	4 INCH	175	98	120	0.97	60	0.90
VENT-150	6 INCH	435	130	120	0.97	60	1.00
VENT-200	8 INCH	745	210	120	1.76	60	1.90
VENT-250	10 INCH	785	230	120	2.00	60	1.90
VENT-315	12 INCH	1075	295	120	2.50	60	2.60

OMNIDRIVE

Features:

- OEM Replacements



OEM Replacements

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS348 *	OPEN	1/15	115	1.30	1550/2	3/8" x 3.00"	CWSE	Venmar/ VanEE
SS438 *	OPEN	1/14	115	1.46	1625/2	5/16" x 1.88"	CCWSE	Venmar/ VanEE
11811	OPEN	1/6	120	2.10	1630/2	3/8" x 1.90"	CCWSE	Venmar/ VanEE
12027 *	OPEN	1/12	120	1.20	1625/3	3.50" x 3/8" x 3.56"	CWLE	Venmar/ VanEE
950-1020	OPEN	1/25	115	1.37	3000	5/16" x 2-1/4"	CCWSE	Tjerlund
SS462	OPEN	1/12	120	1.20	1625/3	3.50" x 3/8" x 3.56"	CWLE	Venmar/ VanEE
SS2224	OPEN	1/114	115	0.75	1500/2	3/8" x 2-3/4"	CWSE	Loren Cook
SS2497	OPEN	1/10	115	3.40	1100	1/2" x 1-5/8"	CWSE	Lomanco
SS2655 •*	OPEN	1/12	120	1.34	1550	3/8" x 2.82"	CCWLE	Nutech
SS3234	OPEN	1/16	115	2.20	1550/2	3/8" x 2-1/2"	CWSE	Loren Cook
SS4200	OPEN	1/23	115	1.50	1500	3/8" x 2-3/4"	CWSE	Loren Cook
SS5200	OPEN	1/16	115	1.50	1500	3/8" x 2-1/4"	CWSE	Loren Cook
SS6264	OPEN	1/11	115	4.60	1500/2	1/2" x 6-1/4"	CWSE	Loren Cook
SS7274	OPEN	1/4	115	3.90	1625/2	1/2" x 6-1/4"	CWSE	Loren Cook
SS8318	OPEN	1/8	115	2.60	1550/3	1/2" x 2-3/4"	CCWSE	Greenheck
SS9316	OPEN	---	115	3.40	1100	1/2" x 3-7/8"	CWSE	Broan
SS9317	OPEN	---	115	4.30	1100	1/2" x 3-7/8"	CWSE	Broan
30080058	OPEN	1/100	115	0.61	1050	5/16" x 1-7/8"	CCWSE	Broan
30080135	OPEN	1/10	120	1.80	1050	1/2" x 2-3/8"	CWSE	Broan

(•) Ball Bearing (*) P.S.C Design

OMNIDRIVE

Features:

- Double Shaft
- Open Construction
- Shaded Pole & P.S.C. designs
- Resilient Base
- Sleeve Bearings



All Models

42 Frame

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation
89	OPEN	1/10	115	3.20	1050/5	10-11/16" x 1/2" x 10-11/16"	DBL
93V1	OPEN	1/10	115	3.20	1050/5	10" x 3/8" x 10"	DBL
320	OPEN	1/15	208-230	1.30	1050/3	8-7/8" x 1/2" x 8-7/8"	DBL
362	OPEN	1/10	115	1.70	1075/4	10-11/16" x 1/2" x 10-11/16"	DBL
381	OPEN	1/10	208-230	0.81	1075/3	10-11/16" x 1/2" x 10-11/16"	DBL
953	OPEN	1/15	115	0.80	1100/3	10-1/2" x 1/2" x 10-1/2"	DBL
945A	OPEN	1/8	115	1.20	1500/3	9" x 1/2" x 7-1/2"	DBL
955	OPEN	1/6	115	2.00	1500/3	10-1/2" x 1/2" x 10-1/2"	DBL
954	OPEN	1/30	115	0.60	1100/3	1/2" x 8-1/2"	CCWSE
9608	OPEN	1/20	115	0.60	1100/3	1/2" x 9-1/2"	REV.



Formerly A.C. Smith Electrical Products Company

Features:

- Energy Efficient ECM Technology
- Up to 65% Efficiency vs. Low Efficiency Shaded Pole
- Double Shaft
- Open Construction
- Resilient Base
- 54 Inch Leads



CS89

42 Frame (ECM)

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation
CS89	OPEN	1/10	115	1.56	1100/3	9.3" x 1/2" x 9.3"	CWLE



Formerly A.C. Smith Electrical Products Company

Features:

- Totally Enclosed, Air Over
- Sleeve Bearings
- S.P. & P.S.C. Designs
- Capacitor Mounted
- Resilient Base (SS2380)



SS6920

SS2360 - SS2615

SS2380

42 Frame

OMNIDRIVE

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS6920	T.E.	1/15	115	2.70	1050	3/8" x 3.55"	CWSE	R6920
SS2360	T.E.	1/15	115	2.30	1050	1/2" x 2.80"	CWSE	R2360
SS2615	T.E.	1/8	115	4.60	1050	1/2" x 3.30"	CWSE	R2615
SS2380 *	T.E.	1/8	115	2.30	1075	1/2" x 3.00"	CWSE	R2380

(*) P.S.C Design

Features:

- Totally Enclosed, Air Over
- Ball Bearings
- P.S.C. Design
- Capacitor Mounted



All OmniDrive Models



All Century Models

48 Frame

OMNIDRIVE

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS749 *	T.E.	1/6	115	2.40	1075	1/2" x 3.50"	REV.	UH9034
SS750 *	T.E.	1/4	115	4.10	1075	1/2" x 3.50"	REV.	UH9035
SS751 *	T.E.	1/3	115	5.00	1075	1/2" x 3.50"	REV.	UH9036

48 Frame

Century
Formerly A.C. Smith Electrical Products Company

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
730A *	T.E.	1/6	115/208-230	2.4/1.2	1140	1/2" x 4.50"	REV.	---
731A *	T.E.	1/4	115/208-230	3.8/1.9	1140	1/2" x 4.50"	REV.	---
732A *	T.E.	1/3	115/208-230	4.8/2.4	1140	1/2" x 4.50"	REV.	---
733A *	T.E.	1/2	115/208-230	5.6/2.8	1140	1/2" x 4.50"	REV.	---
767A *	T.E.	1/4	115/230	3.4/1.7	1725	1/2" x 4.50"	REV.	---
768A *	T.E.	1/3	115/230	3.8/1.9	1725	1/2" x 4.50"	REV.	---
769A *	T.E.	1/2	115/230	5.0/2.5	1725	1/2" x 4.50"	REV.	---

(*) P.S.C Design

Features:

- Open Construction
- Sleeve & Ball Bearings
- Split Phase Design



OL2002 - EL2002V1 - EL2022
OL2032 - OL2052D



EL2004V1 - EL2012 - EL2014V1



OBK6002



EL2024 - EL2034



OL1032D - OL1052DS - OL1072D

48 Frame

Stock #	Encl.	HP	Volts	Amps.	RPM	Frame	Rotation	Replaces
EL2004V1	OPEN #	1/8	115	2.50	1725	48N	REV.	R6102
OL2002	OPEN	1/8	115	2.80	3450	48N	REV.	R2097
EL2002V1	OPEN #	1/7	115	2.50	3450	48M	CCWOSE	R3083
OBK6002 •*	OPEN	1/7	115	1.70	3450	48M	CWOSE	R21805U
EL2012	OPEN #	1/6	115	2.70	3450	48M	REV.	R3251
EL2014V1	OPEN #	1/6	115	3.20	1725	48N	REV.	R3250
EL2022	OPEN #	1/4	115	3.40	3450	48N	REV.	R2302
EL2024	OPEN #	1/4	115	3.70	1725	48N	REV.	R3579
OL2034	OPEN	1/3	115	4.30	1725	48N	REV.	R2303
OL2032	OPEN	1/3	115/230	4.2/2.1	3450	48N	REV.	---
OL1032D	OPEN	1/3	115/230	12.6/5.2	3450	48N	REV.	---
OL2052D	OPEN	1/2	115/230	6.2/3.1	3450	48N	REV.	---
OL1052DS	OPEN	1/2	115/230	7.3/3.7	3450	48N	REV.	---
OL1072D •	OPEN	3/4	115 / 208-230	10.0/5.0	3450	48CZ	REV.	---

(#) Enclosed Construction When Mounted (•) Ball Bearing (*) P.S.C. Design



Formerly A.C. Smith Electrical Products Company

Direct Drive Blower Motors
Flex Mount

Features:

- Open Construction
- Long Life Self-Aligning Sleeve Bearings
- 40°C Ambient Rating
- Reversing Plug
- Fits 9" & 10" Bolt Circle Diameter
- Thermally Protected



All Models

48 Frame - Four Speed

Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS752	OPEN	1/4	115	3.60	1075/4	1/2" x 6.00"	REV.	DD-034
SS753	OPEN	1/3	115	4.80	1075/4	1/2" x 6.00"	REV.	DD-035
SS754	OPEN	1/2	115	8.20	1075/4	1/2" x 6.00"	REV.	DD-036
SS973	OPEN	1/3	208-230	2.30	1075/4	1/2" x 6.00"	REV.	DD-045
SS974	OPEN	1/2	208-230	3.80	1075/4	1/2" x 6.00"	REV.	DD-046



Features:

- Long Life Self-Aligning Sleeve Bearings
- Resilient Rings Included (OmniDrive)
- Reversing Plug
- Extended Thru Bolts
- Thermally Protected
- Open Construction
- 40°C Ambient Rating



EM-1390 - EM-1391

All OmniDrive Models

EM-8906 - EM-8907

42 Frame



Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
EM-1390	OPEN	1/4	115	2.80	1075/3	1/2" x 4.00"	REV.	D150
EM-1391	OPEN	1/4	208-230	1.50	1075/3	1/2" x 4.00"	REV.	D151

48 Frame

OMNIDRIVE



Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
SS3583	OPEN	1/4	115	4.20	1075/3	1/2" x 4-1/2"	REV.	DD-3583
SS3584	OPEN	1/4	208-230	2.00	1075/3	1/2" x 4-1/2"	REV.	DD-3584
SS1314	OPEN	1/3	115	6.00	1075/4	1/2" x 5-1/8"	CCWLE	DD-1314 F1314D
SS3585	OPEN	1/3	115	5.50	1075/3	1/2" x 4-1/2"	REV.	DD-3585
SS3586	OPEN	1/3	208-230	2.80	1075/3	1/2" x 4-1/2"	REV.	DD-3586
SS3587	OPEN	1/2	115	7.50	1075/3	1/2" x 4-1/2"	REV.	DD-3587
SS3588	OPEN	1/2	208-230	3.60	1075/3	1/2" x 4-1/2"	REV.	DD-3588
SS3589	OPEN	3/4	115	10.20	1075/3	1/2" x 4-1/2"	REV.	DD-3589
SS3590	OPEN	3/4	208-230	5.50	1075/3	1/2" x 4-1/2"	REV.	DD-3590
EM-8906 •	OPEN	1	115/230	12.30	1075/3	1/2" x 6-7/16"	REV.	R42812
EM-8907 •	OPEN	1	208-230	5.10	1075/3	1/2" x 6-7/16"	REV.	R42023

(•) Ball Bearing

Features:

- Energy Efficient ECM Technology
- Up to 82% Efficiency vs. Low Efficiency Shaded Pole & P.S.C. Motors
- 5 Speed
- Belly Band Mounting
- Ball Bearings



All Models

48 Frame (ECM)



Stock #	Encl.	HP	Volts	Amps.	RPM Range	Shaft	Rotation	Efficiency %
CSL1056	OPEN	1/2	115	6.30	1100-600	1/2" x 4.00"	REV.	up to 82
CS1056	OPEN	1/2	208-277	3.6-3.0	1100-600	1/2" x 4.00"	REV.	up to 82
CSL1106	OPEN	1	115	11.60	1100-600	1/2" x 4.00"	REV.	up to 82
CS1106	OPEN	1	208-230	6.9-5.7	1100-600	1/2" x 4.00"	REV.	up to 82

Features:

- Energy Efficient
- Multi-Tap Capacitor Included
- Resilient Rings
- Permanent Split Capacitor
- Open Drip-Proof Construction
- Class B Insulation
- Ball and Sleeve Bearings
- Extended Thru Bolts
- Rheem Mounting Holes in Shell
- Reversible



48 Frame - Four Speed



Stock #	Encl.	HP	Volts	Amps.	RPM	Shaft	Rotation	Replaces
FDL6001A	OPEN	1/2	115	7.00	1075/5	1/2" x 5.00"	REV.	R43600
FD6000A	OPEN	1/2	208-230	3.90	1075/5	1/2" x 5.00"	REV.	R43601
FDL6002A •	OPEN	3/4	115	9.10	1075/5	1/2" x 5.00"	REV.	R43602
FD6001A •	OPEN	3/4	208-230	3.90	1075/5	1/2" x 5.00"	REV.	R43603

(•) Ball Bearing

Cross Reference

	Emerson	GE	Marathon	Fasco
FDL6001A	5460	3463	X077	D2835
FD6000A	5461	3464	X073	D833
FDL6002A	5470	3466	X074	D2832
FD6001A	5471	3467	X075	D2833

Motor Mount Brackets & Capacitors

Accessories

Stock #	Description
Flex 50	5" (42 Frame) 9" & 10" B.C.D.
Flex 55	5-5/8" (48 Frame) 9" & 10" B.C.D.
1479	Heavy Duty 5-5/8" (48 Frame) 10" B.C.D.
1495	Heavy Duty 5-5/8" (48 Frame) 11" B.C.D.
1482A	Capacitor Mounting Bracket & Rubber Cover
POC5-1	5mfd / 370V. Oval Case
POC7.5-1	7.5mfd / 370V. Oval Case
POC10-1	10mfd / 370V. Oval Case
POC15-1	15mfd / 370V. Oval Case





Features:

- Reversible
- Open Drip-Proof
- Class B Insulation
- Resilient Base
- 1/2" to 5/8" Sleeve & Key included
- Self-Aligning Sleeve & Sealed Ball Bearings
- Thermally Protected



All Models

48 Frame - Single Speed

Stock #	Encl.	HP	Volts	Amps.	RPM	Bearings	Shaft	Rotation
SS933	OPEN	1/4	115	5.8	1725	Sleeve	1/2" x 1.50"	REV.
SS934	OPEN	1/3	115	7.3	1725	Sleeve	1/2" x 1.50"	REV.
SS935	OPEN	1/2	115	7.3	1725	Sleeve	1/2" x 1.50"	REV.
SS934B	OPEN	1/3	115	9.9	1725	Ball	1/2" x 1.50"	REV. #
SS935B	OPEN	1/2	115	9.9	1725	Ball	1/2" x 1.50"	REV. #

(#) Motors suitable for commercial applications

OMNIDRIVE

56Z Frame - Two Speed



Stock #	Encl.	HP	Volts	Amps.	RPM	Bearings	Shaft	Rotation
EM-5793C	OPEN	1/3	115	6.4	1725/1140	Ball	1/2" x 1.50"	REV.
EM-5794C	OPEN	1/2	115	8.7	1725/1140	Ball	1/2" x 1.50"	REV.

Cross Reference

	Rotom	Rotom	AO Smith	GE	Marathon	Fasco
SS933	BF-4701	R840	GF2024	4701, H701	D127, B206, B303	---
SS934	BF-4706	R841	GF2034	4706, H701	D143, B207	---
SS935	BF-4708	R1542	GF2054	4708	B162, B208	---
SS934B	BF-4707	R2888	RB2034	4682, H165	B305, B703	D6004
SS935B	BF-4709	R2887	BF2054	4684, H703	B307	D6006
EM-5793C	---	R5793	SGF2034V1	H705	HG705	---
EM-5794C	---	R5794	SGF2054V1	H715	HG715	---

Features:

- Reversible
- Open Drip-Proof
- Class A & B Insulation
- Resilient Base
- 5/8" Diameter Shaft
- 40°C Ambient
- High Starting Torque



All Models

56 Frame



Stock #	Encl.	HP	Volts	Amps.	RPM	Bearings	Rotation
C455	ODP	1/3	115 / 208-230	6.6 / 3.0-3.3	1725	Sleeve	REV.
C403	ODP	1/3	115 / 208-230	6.6 / 3.0-3.3	1725	Ball	REV.
C607	ODP	1/2	115 / 208-230	9.0 / 4.0-4.5	1725	Sleeve	REV.
C412V1	ODP	1/2	115 / 208-230	9.0 / 4.0-4.5	1725	Ball	REV.
C654	ODP	3/4	208-230 / 115	5.4-5.5 / 11.0	1725	Sleeve	REV.
C426V1	ODP	3/4	208-230 / 115	5.4-5.5 / 11.0	1725	Ball	REV.
C692	ODP	1	208-230 / 115	6.2-6.3 / 12.6	1725	Sleeve	REV.
C523V1	ODP	1	208-230 / 115	6.2-6.3 / 12.6	1725	Ball	REV.
C621	ODP	1-1/2	208-230 / 115	7.8-7.5 / 15.0	1725	Ball	REV.

Cross Reference

	Rotom	Emerson	GE	Marathon	Fasco
C455	---	---	---	---	---
C403	S1120	180	C216	C216	D6082
C607	S1138	---	---	---	---
C412V1	S1146	1799	C1153	B317	D6084
C654	S1168	---	---	---	---
C426V1	S1174	1893	C1156	B319	D6086
C692	---	---	---	---	---
C523V1	S1199	3187C/1769	C1158	C1159	D6088
C621	S1336	4242	C1160	C1160	D6090

Hot Water Circulator Pump Motors



www.uem.ca

Features:

- Mounting Bracket
- Open Drip-Proof
- 1800 RPM
- Single Phase & Three Phase
- Replacements for OEM Motors such as Armstrong (A), Bell & Gossett (B) & Taco (T)
- Sleeve Bearing with Oil Ports & Sealed Ball Bearings



Type 2A / 2B



Type 2C



Type 2C

Single Phase

Stock #	HP	Volts	Amps.	Type	Bearing	Rotation	Replaces
SS1350	1/12	115	2.5	2A	Sleeve	CWSE	R1350
SS1355	1/6	115	3.8	2A	Sleeve	CWSE	----
SS1352	1/6	115	3.8	2B	Sleeve	CWSE	R1352
SS1354	1/4	115	4.6	2B	Sleeve	CWSE	R1354
SS1444	1/4	115	4.6	2C	Sleeve	CCWSE	R1444
SS1356	1/3	115	6.0	2B	Ball	CWSE	R1356
SS1446	1/3	115	6.0	2C	Sleeve	CCWSE	R1446
SS1459	1/2	115-208/230	5.7/3.0-2.9	2C	Sleeve	REV	R1459
SS1462	3/4	115-208/230	8.2/4.7-4.2	2C	Sleeve	REV	R1462
C245 ø	1	230/115	6.5/13.0	4	Sleeve	REV	R1463

(ø) Round Body - No Bracket

OMNIDRIVE



Type 3



Type 4

Three Phase

Stock #	HP	Volts	Amps.	Type	Bearing	Rotation	Replaces
H1041	1/2	208-230/460	1.8-2.0/1.0	3	Ball	REV.	R1368
H1046	1/2	575	0.9	3	Ball	REV.	R1369
H1042L	3/4	208-230/460	2.7-2.8/1.4	3	Ball	REV.	R1370
H1047	3/4	575	1.1	3	Ball	REV.	R1372
H982	3/4	208-230/460	2.5-2.6/1.3	4	Sleeve	REV.	(T)
H983	3/4	208-230/460	2.5-2.6/1.3	4	Sleeve	REV.	(A,B)
H1043	1	208-230/460	3.4-3.4/1.7	3	Ball	REV.	R1371
H1048	1	575	1.4	3	Ball	REV.	R1373
H984	1	208-230/460	3.4-3.4/1.7	4	Sleeve	REV.	(A)
H985	1	208-230/460	3.4-3.4/1.7	4	Sleeve	REV.	(B)
H946	1	208-230/460	3.7-3.6/1.8	4	Sleeve	REV.	(T)
H947	1	575	1.4	4	Sleeve	REV.	(T)
H1044	1.5	208-230/460	5.7-5.6/2.8	3	Ball	REV.	R1374
H1049	1.5	575	2.1	3	Ball	REV.	R1375
H986	1.5	208-230/460	4.8-5.0/2.5	4	Sleeve	REV.	(A, B)
H987	2	208-230/460	6.3-6.4/3.2	4	Ball	REV.	(T)
H988	3	208-230/460	4.4/9.0-8.8	4	Ball	REV.	(T)

Century®
Formerly A.O. Smith Electrical Products Company

Features:

- Rigid Base
- Open Drip-Proof Construction
- Light Weight Rolled Steel Design
- Suitable for use with Inverters
- Ball Bearing



All Models



Three Phase

Stock #	HP	Volts	Amps.	RPM	Frame	Efficiency %	Replaces
D1P2D	1	230 / 460	3.2 / 1.5	1800	143T	85.5	E100
D32P2D	1-1/2	230 / 460	4.4 / 2.1	1800	145T	86.5	E101
D2P2D	2	230 / 460	5.9 / 2.8	1800	145T	86.5	E102
E217V1	3	230 / 460	8.6 / 4.3	1800	182T	89.5	E226M
E219	5	230 / 460	13.6 / 6.8	1800	184T	89.5	E227M
E317	7-1/2	230 / 460	19.4 / 9.7	1800	213T	91.7	E300M
E397	10	230 / 460	25.2 / 12.6	1800	215T	91.7	E301M
E451	15	230 / 460	37.8 / 18.9	1800	254T	93.0	E449V1
E407	20	230 / 460	49.0 / 24.5	1800	256T	93.6	E457
E514	25	230 / 460	61.0 / 30.5	1800	284T	93.6	E546
E516V2	30	230 / 460	73.2 / 36.6	1800	286T	94.1	E548
D1P2G	1	575	1.3	1800	143T	85.5	E1006
D32P2G	1-1/2	575	1.7	1800	145T	86.5	E1007
D2P2G	2	575	2.2	1800	145T	86.5	E1008
E923	3	575	3.4	1800	182T	89.5	E224
E924	5	575	5.4	1800	184T	89.5	E225
E925	7-1/2	575	7.5	1800	213T	91.0	E324
E926	10	575	10.1	1800	215T	91.7	E325
E927	15	575	15.1	1800	254T	93.0	E446
E928	20	575	19.6	1800	256T	93.0	E447
E929	25	575	24.5	1800	284T	93.6	E594
E930V1	30	575	28.5	1800	286T	94.1	E595
E646R	40	575	39.5	1800	324T	93.0	NNP ±
E647R	50	575	49.0	1800	326T	93.0	NNP ±
E763	60	575	57.0	1800	364T	93.6	NNP ±

(NNP) Not NEMA Premium (±) Item to be Discontinued

Features:

- Totally Enclosed construction
- Cast Iron construction
- Three Year Warranty
- Solid full frame length mounting feet
- Dual mounting holes
- Cast Iron gasketed conduit box
- Stainless Steel nameplate
- Double lip seal on both ends
- Class 'F' insulation - Class 'B' temp. rise
- NEMA MG 1, EEMAC M1-6, CSA C390
- Double sealed 'ZZ' bearings up to 215T
- Inverter Duty
- Standard (Non-Metric) hardware
- F-2 field convertible
- Conduit box can be rotated 90 degrees
- Ground lug in conduit box
- Rust preventative treated Steel fan cover
- VPI insulation system
- 'C' face kits available
- Regreasable bearings 254T & larger
- 20:1 V.T. / 10:1 C.T.
- Oversized Ball Bearings



All Models



Three Phase

Stock #	HP	Volts	Amps.	RPM	Frame	Efficiency %	C Face Kit
TCP657	3	575	3.1	1800	182T	87.5%	CFP18
TCP658	5	575	5.2	1800	184T	87.5%	CFP18
TCP659	7.5	575	7.5	1800	213T	89.5%	CFP21
TCP65A	10	575	10.0	1800	215T	89.5%	CFP21
TCP65B	15	575	14.9	1800	254T	91.0%	CFP25
TCP65C	20	575	19.6	1800	256T	91.0%	CFP25
TCP65D	25	575	23.6	1800	284T	92.4%	CFP28
TCP65E	30	575	28.3	1800	286T	92.4%	CFP28
TCP65F	40	575	37.0	1800	324T	93.0%	CFP32
TCP65G	50	575	46.3	1800	326T	93.0%	CFP32
TCP65H	60	575	53.6	1800	364T	95.0%	CFP36
TCP65I	75	575	66.6	1800	365T	95.4%	CFP36
TCP65J	100	575	90.0	1800	405T	95.4%	CFP40
TCP65K	125	575	109.0	1800	444T	95.4%	CFP44
TCP65L	150	575	130.0	1800	445T	95.8%	CFP44
TCP65M	200	575	172.0	1800	447T	96.2%	CFP44

OPTIDRIVE E2 - Single Phase

Digital control for Single Phase motors - AC Variable Speed Drive 0.5-1.5 HP

The Optidrive E2 Single Phase is the world's first fully digital, fully packaged variable speed drive for controlling low power single phase motors. Designed to be cost effective and easy to use, the Optidrive E2 Single Phase is for use with PSC (Permanent Split Capacitor) or Shaded-Pole Single-Phase induction motors. Optidrive E2 Single Phase uses a revolutionary motor control strategy to achieve reliable intelligent starting of single phase motors. Optidrive E2 Single Phase has only 14 standard parameters to adjust in its basic form. The Optidrive's legendary ease of use ensures quick and easy drive commissioning. For the more advanced user the extended parameter set gives access to powerful additional functionality.

Typically used for direct-drive fans and blowers with PSC (permanent-split capacitor) and shaded pole motors on single-phase power. These are typically applications with a starting torque of between 50-100% of motor full load rated torque.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODE-2-11005-1H012-01	0.5	110-115	7	1
ODE-2-21007-1H042-01	0.75	110-115	10.5	2
ODE-2-12005-1H012-01	0.5	200-240	4.3	1
ODE-2-12010-1H012-01	1	200-240	7	1
ODE-2-22015-1H042-01	1.5	200-240	10.5	2

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	173	82	123	1.1
2	221	104	150	2.6

OPTIDRIVE E2 - Single Phase IP66/NEMA 4X Enclosure

Digital control for Single Phase motors - AC Variable Speed Drive 0.5-1.5 HP

All the same features & performance as above plus:

- Local potentiometer for speed control
- Drive FWD/OFF/REV switch - Programmable for Hand / Auto (Local / Remote) applications
- Built-In Disconnect - Provides the ability to isolate the motor for maintenance and servicing.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODE-2-11005-1H01Y-01	0.5	110-115	7	1
ODE-2-21007-1H04Y-01	0.75	110-115	10.5	2
ODE-2-12005-1H01Y-01	0.5	200-240	4.3	1
ODE-2-12010-1H01Y-01	1	200-240	7	1
ODE-2-22015-1H04Y-01	1.5	200-240	10.5	2

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	232	161	175	2.8
2	257	188	187	4.6

OPTIDRIVE E2 - Three Phase IP20 Enclosure

Ease of Use - AC Variable Speed Drive 0.5-15 HP

Rich in features the Optidrive E2 is the most commercially competitive Optidrive in the Optidrive family. Innovative and compact the Optidrive E2 range combines good looks with robustness, reliability and easy to use performance. The product is dedicated to low power applications where total costs are ultra-competitive, including: Competitive purchase price, Low installation costs, Low commissioning costs & Low technical support costs. Optidrive E2 has only 14 standard parameters to adjust in its basic form, thus Optidrive's legendary ease of use could not be easier or quicker to get started with.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODE-2-11005-1H012 #	0.5	110-115	2.3	1
ODE-2-11010-1H012 #	1	110-115	4.3	1
ODE-2-21015-1H042 #	1.5	110-115	5.8	2
ODE-2-12005-1H012 #	0.5	200-240	2.3	1
ODE-2-12010-1H012 #	1	200-240	4.3	1
ODE-2-12020-1H012 #	2	200-240	7	1
ODE-2-22030-1H042 #	3	200-240	10.5	2
ODE-2-32050-1H042 #	5	200-240	18	3
ODE-2-12005-3H012	0.5	200-240	2.3	1
ODE-2-12010-3H012	1	200-240	4.3	1
ODE-2-12020-3H012	2	200-240	7	1
ODE-2-22030-3H042	3	200-240	10.5	2
ODE-2-32050-3H042	5	200-240	18	3
ODE-2-14010-3H012	1	380-480	2.2	1
ODE-2-14020-3H012	2	380-480	4.1	1
ODE-2-24020-3H042	2	380-480	4.1	2
ODE-2-24030-3H042	3	380-480	5.8	2
ODE-2-24050-3H042	5	380-480	9.5	2
ODE-2-34075-3H042	7.5	380-480	14	3
ODE-2-34100-3H042	10	380-480	18	3
ODE-2-34150-3H042	15	380-480	24	3

(#) Indicates Single Phase Input / Three Phase Output

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	173	82	123	1.1
2	221	104	150	2.6
3	261	131	175	4.0

OPTIDRIVE E2 - Three Phase IP66/NEMA 4X Enclosure

Ideal for washdown applications - AC Variable Speed Drive 0.5-10 HP

Expanding on the success of the Optidrive E2, IP20 and IP55/NEMA 12 products, the Optidrive E2 IP66/NEMA 4X is ideal for food and beverage as well as pharmaceutical applications. The IP66 / NEMA 4X enclosure is a cost-effective, washdown duty Optidrive for low power situations. Ready for high-pressure washdown, the IP66 / NEMA 4X can mount directly on your processing equipment.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODE-2-11005-1H01Y #	0.5	110-115	2.3	1
ODE-2-11010-1H01Y #	1	110-115	4.3	1
ODE-2-21015-1H04Y #	1.5	110-115	5.8	2
ODE-2-12005-1H01Y #	0.5	200-240	2.3	1
ODE-2-12010-1H01Y #	1	200-240	4.3	1
ODE-2-12020-1H01Y #	2	200-240	7	1
ODE-2-22030-1H04Y #	3	200-240	10.5	2
ODE-2-32050-1H04Y #	5	200-240	18	3
ODE-2-12005-3H01Y	0.5	200-240	2.3	1
ODE-2-12010-3H01Y	1	200-240	4.3	1
ODE-2-12020-3H01Y	2	200-240	7	1
ODE-2-22030-3H04Y	3	200-240	10.5	2
ODE-2-32050-3H04Y	5	200-240	18	3
ODE-2-14010-3H01Y	1	380-480	2.2	1
ODE-2-14020-3H01Y	2	380-480	4.1	1
ODE-2-24020-3H04Y	2	380-480	4.1	2
ODE-2-24030-3H04Y	3	380-480	5.8	2
ODE-2-24050-3H04Y	5	380-480	9.5	2
ODE-2-34075-3H04Y	7.5	380-480	14	3
ODE-2-34100-3H04Y	10	380-480	18	3

(#) Indicates Single Phase Input / Three Phase Output

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	232	161	175	2.8
2	257	188	187	4.6
3	310	210.5	243	7.4

OPTIDRIVE PLUS 3GV - Three Phase IP20 Enclosure

3GV Technology combines full torque down to 0 Hz. - AC Variable Speed Drive 1-60HP-600V

Optidrive Plus 3GV is the natural evolution of the Optidrive family adding ultimate motor control to established Optidrive benchmarks of control and ease of use. 3GV technology delivers 200% torque down to 0.0Hz allowing this unique open loop product to be used without any feedback device in many traditional closed loop applications. Only the motor name plate data is required to achieve optimum performance, the drive continuously and automatically determines and tracks the key motor characteristics required for vector control. Optidrive Plus 3GV can be commissioned using the unique Optiwand PDA software designed for use on pocket pc's. Communication takes place without wires using infrared light to quickly and accurately transfer data and monitor motor performance.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODP-25010 <	1	575-600	1.7	2
ODP-25020 <	2	575-600	3.1	2
ODP-25030 <	3	575-600	4.1	2
ODP-25050 <	5	575-600	6.1	2
ODP-25075 <	7.5	575-600	9	2
ODP-35100	10	575-600	14	3
ODP-35150	15	575-600	18	3
ODP-35200	20	575-600	24	3
ODP-45300	25/30	575-600	39	4
ODP-45400	40	575-600	46	4
ODP-45600	50/60	575-600	62	4

(<) Requires External Input Line Reactor

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
2	260	100	175	2.6
3	260	171	175	5.3
4	520	340	220	28

OPTIDRIVE PLUS 3GV - Three Phase IP55/NEMA 12 Enclosure

3GV Technology combines full torque down to 0 Hz. - AC Variable Speed Drive 1-7.5HP-600V

All the same features & performance as above plus:

- Local potentiometer for speed control
- Drive FWD/OFF/REV switch - Programmable for Hand / Auto (Local / Remote) applications
- Built-In Disconnect - Provides the ability to isolate the motor for maintenance and servicing.



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODP-25010-I55S <	1	575-600	1.7	2
ODP-25020-I55S <	2	575-600	3.1	2
ODP-25030-I55S <	3	575-600	4.1	2
ODP-25050-I55S <	5	575-600	6.1	2
ODP-25075-I55S <	7.5	575-600	9	2

(<) Requires External Input Line Reactor

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)
2	310	165	176

OPTIDRIVE HVAC - Three Phase IP20 Enclosure

AC Variable Speed Drive 1-350 HP

Optidrive HVAC sets a new standard for dedicated fan & pump control.

Whilst retaining the ease of use traditionally associated with Invertek Drives, Optidrive HVAC has an innovative design, combined with robust performance to provide powerful flow control and reliability in a compact drive. Example savings based on a 45kW load using Optidrive HVAC compared to direct on-line control, an estimated 20% reduction in speed results in potential energy savings of 50%.

The Optidrive HVAC provides powerful and flexible control that is ideal for applications such as centrifugal pumps and fan units, where large and immediate energy savings can almost always be found.

575-600V
COMING
SOON



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODV-2-22010-1HF12SN #	1	200-240	4.3	2
ODV-2-22020-1HF12SN #	2	200-240	7	2
ODV-2-22030-1HF12SN #	3	200-240	10.5	2
ODV-2-22010-3HF12SN	1	200-240	4.3	2
ODV-2-22020-3HF12SN	2	200-240	7	2
ODV-2-22030-3HF12SN	3	200-240	10.5	2
ODV-2-32050-3HF12SN	5	200-240	18	3
ODV-2-32075-3HF12SN	7.5	200-240	24	3
ODV-2-24010-3HF12SN	1	380-480	2.2	2
ODV-2-24020-3HF12SN	2	380-480	4.1	2
ODV-2-24030-3HF12SN	3	380-480	5.8	2
ODV-2-24050-3HF12SN	5	380-480	9.5	2
ODV-2-34075-3HF12SN	7.5	380-480	14	3
ODV-2-34100-3HF12SN	10	380-480	18	3
ODV-2-34150-3HF12SN	15	380-480	24	3

(#) Indicates Single Phase Input / Three Phase Output

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
2	221	112	185	1.8
3	261	131	205	3.5

OPTIDRIVE HVAC - Three Phase IP55 & IP66 Enclosure

AC Variable Speed Drive 1-350 HP

All the same features & performance as the OPTIDRIVE HVAC IP20.

**575-600V
COMING
SOON**



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODV-2-22010-1HF1DTN #	1	200-240	4.3	2 (IP66)
ODV-2-22020-1HF1DTN #	2	200-240	7	2 (IP66)
ODV-2-22030-1HF1DTN #	3	200-240	10.5	2 (IP66)
ODV-2-22010-3HF1DTN	1	200-240	4.3	2 (IP66)
ODV-2-22020-3HF1DTN	2	200-240	7	2 (IP66)
ODV-2-22030-3HF1DTN	3	200-240	10.5	2 (IP66)
ODV-2-32050-3HF1DTN	5	200-240	18	3 (IP66)
ODV-2-42075-3HF1NTN	7.5	200-240	24	4 (IP55)
ODV-2-42100-3HF1NTN	10	200-240	30	4 (IP55)
ODV-2-42150-3HF1NTN	15	200-240	46	4 (IP55)
ODV-2-52020-3HF1NTN	20	200-240	61	5 (IP55)
ODV-2-52025-3HF1NTN	25	200-240	72	5 (IP55)
ODV-2-24010-3HF1DTN	1	380-480	2.2	2 (IP66)
ODV-2-24020-3HF1DTN	2	380-480	4.1	2 (IP66)
ODV-2-24030-3HF1DTN	3	380-480	5.8	2 (IP66)
ODV-2-24050-3HF1DTN	5	380-480	9.5	2 (IP66)
ODV-2-34075-3HF1DTN	7.5	380-480	14	3 (IP66)
ODV-2-34100-3HF1DTN	10	380-480	18	3 (IP66)
ODV-2-44150-3HF1NTN	15	380-480	24	4 (IP55)
ODV-2-44200-3HF1NTN	20	380-480	30	4 (IP55)
ODV-2-44250-3HF1NTN	25	380-480	39	4 (IP55)
ODV-2-44300-3HF1NTN	30	380-480	46	4 (IP55)
ODV-2-54040-3HF1NTN	40	380-480	61	5 (IP55)
ODV-2-54050-3HF1NTN	50	380-480	72	5 (IP55)
ODV-2-54060-3HF1NTN	60	380-480	90	5 (IP55)
ODV-2-64075-3HF1NTN	75	380-480	110	6 (IP55)

(#) Indicates Single Phase Input / Three Phase Output

**30HP TO 100HP 200-240V & 100HP TO 350HP 380-480V AVAILABLE ON REQUEST.
PLEASE GO TO WWW.UEM.CA FOR FURTHER INFORMATION.**

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
2	257	188	239.5	4.8
3	310	211	251.3	7.3
4	440	173	230	11.5
5	540	235	270	22.5

OPTIDRIVE P2 - Three Phase IP20 Enclosure

AC Variable Speed Drive 1-350 HP

The all new Optidrive P2 provides world leading control for both standard induction motors and permanent magnet motors.

Open loop vector control of standard induction motors provides up to 200% torque from zero speed. Open and closed loop control of the latest generation of high efficiency PM motors. Closed loop encoder feedback capability for standard induction motors. Extensive I/O and communications interface capabilities ensure the drive can be integrated quickly and efficiently into a wide variety of control systems. A simple parameter structure and carefully selected factory settings ensure fast and easy commissioning..

575-600V
COMING
SOON



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODP-2-22010-1HF42SN #	1	200-240	4.3	2
ODP-2-22020-1HF42SN #	2	200-240	7	2
ODP-2-22030-1HF42SN #	3	200-240	10.5	2
ODP-2-22010-3HF42SN	1	200-240	4.3	2
ODP-2-22020-3HF42SN	2	200-240	7	2
ODP-2-22030-3HF42SN	3	200-240	10.5	2
ODP-2-32050-3HF42SN	5	200-240	18	3
ODP-2-32075-3HF42SN	7.5	200-240	24	3
ODP-2-24010-3HF42SN	1	380-480	2.2	2
ODP-2-24020-3HF42SN	2	380-480	4.1	2
ODP-2-24030-3HF42SN	3	380-480	5.8	2
ODP-2-24050-3HF42SN	5	380-480	9.5	2
ODP-2-34075-3HF42SN	7.5	380-480	14	3
ODP-2-34100-3HF42SN	10	380-480	18	3
ODP-2-34150-3HF42SN	15	380-480	24	3

(#) Indicates Single Phase Input / Three Phase Output

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
2	221	112	185	1.8
3	261	131	205	3.5

OPTIDRIVE P2 - Three Phase IP55 & IP66 Enclosure

AC Variable Speed Drive 1-350 HP

All the same features & performance as the OPTIDRIVE P2 IP20 Enclosure.

- IP55/NEMA 12 'Un-Switched'
- IP66/NEMA 4X 'Switched' includes:
 - Local potentiometer for speed control
 - Drive FWD/OFF/REV switch - Programmable for Hand / Auto (Local / Remote) applications
 - Built-In Disconnect - Provides the ability to isolate the motor for maintenance and servicing.

575-600V
COMING
SOON



Stock #	Motor Power (HP)	Volts	Output Current (A)	Frame Size
ODP-2-22010-1HF4YSN #	1	200-240	4.3	2 (IP66)
ODP-2-22020-1HF4YSN #	2	200-240	7	2 (IP66)
ODP-2-22030-1HF4YSN #	3	200-240	10.5	2 (IP66)
ODP-2-22010-3HF4YSN	1	200-240	4.3	2 (IP66)
ODP-2-22020-3HF4YSN	2	200-240	7	2 (IP66)
ODP-2-22030-3HF4YSN	3	200-240	10.5	2 (IP66)
ODP-2-32050-3HF4YSN	5	200-240	18	3 (IP66)
ODP-2-42075-3HF4NSN	7.5	200-240	24	3 (IP66)
ODP-2-42100-3HF4NSN	10	200-240	30	4 (IP55)
ODP-2-42150-3HF4NSN	15	200-240	46	4 (IP55)
ODP-2-52020-3HF4NSN	20	200-240	61	5 (IP55)
ODP-2-52025-3HF4NSN	25	200-240	72	5 (IP55)
ODP-2-24010-3HF4YSN	1	380-480	2.2	2 (IP66)
ODP-2-24020-3HF4YSN	2	380-480	4.1	2 (IP66)
ODP-2-24030-3HF4YSN	3	380-480	5.8	2 (IP66)
ODP-2-24050-3HF4YSN	5	380-480	9.5	2 (IP66)
ODP-2-34075-3HF4YSN	7.5	380-480	14	3 (IP66)
ODP-2-34100-3HF4YSN	10	380-480	18	3 (IP66)
ODP-2-44150-3HF4NSN	15	380-480	24	4 (IP55)
ODP-2-44200-3HF4NSN	20	380-480	30	4 (IP55)
ODP-2-44250-3HF4NSN	25	380-480	39	4 (IP55)
ODP-2-44300-3HF4NSN	30	380-480	46	4 (IP55)
ODP-2-54040-3HF4NSN	40	380-480	61	5 (IP55)
ODP-2-54050-3HF4NSN	50	380-480	72	5 (IP55)
ODP-2-64060-3HF4NSN	60	380-480	90	6 (IP55)
ODP-2-64075-3HF4NSN	75	380-480	110	6 (IP55)

(#) Indicates Single Phase Input / Three Phase Output

30HP TO 100HP 200-240V & 100HP TO 350HP 380-480V AVAILABLE ON REQUEST.
PLEASE GO TO WWW.UEM.CA FOR FURTHER INFORMATION.

Dimensions

Size	Length (mm)	Width (mm)	Depth (mm)	Weight (kg)
2	257	188	239.5	4.8
3	310	211	251.3	7.3
4	440	173	230	11.5
5	540	235	270	22.5
6	865	330	340	50

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