

ELECTRICAL

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SIMFLO®

4" SIMFLO MOTORS

HP Rating	Leads	Phase	Voltage	Thrust Rating	Length	Diameter	Weight	List Price
½	2 Wire	1	115	300	10"	3.7"	15.0	\$ -
½	2 Wire	1	230	300	10"	3.7"	15.0	\$ -
¾	2 Wire	1	230	300	10.5"	3.7"	17.8	\$ -
1	2 Wire	1	230	650	12"	3.7"	23.3	\$ -
1½	2 Wire	1	230	650	13.5"	3.7"	24.6	\$ -
½	3 Wire	1	230	300	10"	3.7"	15.0	\$ -
¾	3 Wire	1	230	300	10.5"	3.7"	17.8	\$ -
1	3 Wire	1	230	650	12"	3.7"	23.3	\$ -
1½	3 Wire	1	230	650	13.5"	3.7"	24.6	\$ -
2	3 Wire	1	230	650	15"	3.7"	30.8	\$ -
3	3 Wire	1	230	900	17"	3.7"	36.1	\$ -
5	3 Wire	1	230	1500	27"	3.7"	64.5	\$ -
1½	3 Wire	3	230 - 460	650	12"	3.7"	24.0	\$ -
2	3 Wire	3	230 - 460	650	13.5"	3.7"	25.1	\$ -
3	3 Wire	3	230 - 460	900	15"	3.7"	31.2	\$ -
5	3 Wire	3	230 - 460	1500	22"	3.7"	51.5	\$ -
7½	3 Wire	3	230 - 460	1500	27"	3.7"	64.7	\$ -
10	3 Wire	3	460	1500	32"	3.7"	74.6	\$ -

NOTE: NATIONAL ELECTRICAL CODE REQUIRES THAT SUBMERSIBLE MOTORS BE GROUNDED.

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4" AYMCDONALD MOTORS

HP Rating	Leads	Phase	Voltage	Thrust Rating	Length	Diameter	Weight	List Price
½	2 Wire	1	115	500	13.425"	3.662"	21.4	\$ -
½	2 Wire	1	230	500	13.031"	3.662"	21.0	\$ -
¾	2 Wire	1	230	500	13.819"	3.662"	23.2	\$ -
1	2 Wire	1	230	700	16.772"	3.662"	28.9	\$ -
1½	2 Wire	1	230	700	18.543"	3.662"	33.3	\$ -
½	3 Wire	1	115	500	10.472"	3.662"	19.4	\$ -
½	3 Wire	1	230	500	10.472"	3.662"	19.4	\$ -
¾	3 Wire	1	230	500	11.260"	3.662"	21.4	\$ -
1	3 Wire	1	230	700	13.622"	3.662"	27.8	\$ -
1½	3 Wire	1	230	700	16.181"	3.662"	32.5	\$ -
2	3 Wire	1	230	700	16.181"	3.662"	32.7	\$ -
3	3 Wire	1	230	1500	21.417"	3.662"	45.2	\$ -
5	3 Wire	1	230	1500	26.929"	3.662"	59.8	\$ -
1½	3 Wire	3	230 - 460	700	13.622"	3.662"	25.8	\$ -
2	3 Wire	3	230 - 460	700	15.394"	3.662"	30.5	\$ -
3	3 Wire	3	230 - 460	1500	19.843"	3.662"	40.8	\$ -
5	3 Wire	3	230 - 460	1500	24.173"	3.662"	51.9	\$ -
7½	3 Wire	3	230 - 460	1500	26.929"	3.662"	59.8	\$ -
10	3 Wire	3	460	1500	30.079"	3.662"	68.7	\$ -

NOTE: NATIONAL ELECTRICAL CODE REQUIRES THAT SUBMERSIBLE MOTORS BE GROUNDED.

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HITACHI

Inspire the Next



6" HITACHI MOTORS

HP	Phase	Voltage	Length	Diameter	Weight	List Price
5	1	230	26.97"	5.5"	110	\$ -
7½	1	230	29.92"	5.5"	128	\$ -
10	1	230	29.92"	5.5"	128	\$ -
15	1	230	33.46"	5.5"	148	\$ -
5	3	230 - 460	22.95"	5.5"	95	\$ -
7½	3	230 - 460	24.80"	5.5"	99	\$ -
10	3	230 - 460	26.97"	5.5"	110	\$ -
15	3	230 - 460	29.92"	5.5"	128	\$ -
20	3	230 - 460	31.50"	5.5"	137	\$ -
25	3	230 - 460	36.22"	5.5"	161	\$ -
30	3	230 - 460	38.19"	5.5"	176	\$ -
40	3	460	40.55"	5.5"	187	\$ -
50	3	460	41.73"	5.5"	198	\$ -
60	3	460	41.73"	5.5"	198	\$ -

8" X 6" FLANGE HITACHI MOTORS

50	3	460	45.28"	7.52"	346	\$ -
60	3	460	48.03"	7.52"	401	\$ -

8" HITACHI MOTORS

40	3	460	44.09"	7.52"	320	\$ -
50	3	460	46.44"	7.52"	353	\$ -
60	3	460	49.19"	7.52"	408	\$ -
75	3	460	53.15"	7.52"	463	\$ -
100	3	460	58.27"	7.52"	518	\$ -
125	3	460	66.14"	7.52"	595	\$ -
150	3	460	70.08"	7.52"	661	\$ -

10" HITACHI MOTORS

200	3	460	69.68"	8.52"	816	\$ -
250	3	460	79.53"	8.52"	948	\$ -

HITACHI MOTOR ACCESSORIES

6" Hitachi Motor Leads - #10 AWG (5-30HP)	\$ -
6" Hitachi Motor Leads - #8 AWG (40-60HP)	\$ -
230/460 Volt Hitachi Motor Plug	\$ -

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6" SME MOTORS

HP	Phase	Voltage	Length	Diameter	Weight	List Price
5	3	230 or 460	28.03"	5.6"	122	\$ -
7½	3	230 or 460	28.03"	5.6"	122	\$ -
10	3	230 or 460	30.00"	5.6"	133	\$ -
15	3	230 or 460	33.35"	5.6"	155	\$ -
20	3	230 or 460	36.89"	5.6"	175	\$ -
25	3	230 or 460	40.43"	5.6"	197	\$ -
30	3	230 or 460	43.78"	5.6"	217	\$ -
40	3	460	49.09"	5.6"	248	\$ -
50	3	460	49.09"	5.6"	248	\$ -
60	3	460	51.77"	5.6"	259	\$ -
70	3	460	54.13"	5.6"	276	\$ -

8" SME MOTORS

40	3	460	44.8"	7.6"	375	\$ -
50	3	460	48.7"	7.6"	416	\$ -
60	3	460	51.9"	7.6"	451	\$ -
75	3	460	61.5"	7.6"	536	\$ -
100	3	460	68.0"	7.6"	609	\$ -
125	3	460	71.9"	7.6"	657	\$ -
150	3	460	75.9"	7.6"	701	\$ -
175	3	460	80.2"	7.6"	742	\$ -

10" SME MOTORS

150	3	460	56.3"	9.13"	794	\$ -
200	3	460	64.2"	9.13"	1014	\$ -
250	3	460	72.1"	9.13"	1256	\$ -

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SUBMERSIBLE MOTOR ENGINEERING USA



6" AY MCDONALD MOTORS

HP	Phase	Volts	Length	Diameter	Weight	List Price
5	3	230 or 460	23.661"	5.551"	91	\$ -
7½	3	230 or 460	24.843"	5.551"	98	\$ -
10	3	230 or 460	26.023"	5.551"	104	\$ -
15	3	230 or 460	28.779"	5.551"	120	\$ -
20	3	230 or 460	30.944"	5.551"	136	\$ -
25	3	230 or 460	33.897"	5.551"	151	\$ -
30	3	230 or 460	36.258"	5.551"	164	\$ -
40	3	460	41.377"	5.551"	196	\$ -
50	3	460	46.496"	5.551"	225	\$ -
60	3	460	53.582"	5.551"	262	\$ -

8" AY MCDONALD MOTORS

50	3	460	46"	7.559"	344	\$ -
60	3	460	50"	7.559"	390	\$ -
75	3	460	53"	7.559"	423	\$ -
100	3	460	63"	7.559"	522	\$ -
125	3	460	72"	7.559"	624	\$ -
150	3	460	81"	7.559"	734	\$ -

10" AY MCDONALD MOTORS

200	3	460	81"	9.134"	1102	\$ -
230	3	460	87"	9.134"	1190	\$ -
260	3	460	94"	9.134"	1279	\$ -

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MOTOR SHROUDS

Pump O.D.	Skirt O.D.	Length	Material	Horsepower	List Price
4"	4.5"	30"	PVC	1-1/2 to 2	\$ -
4"	4.5"	36"	PVC	3 to 5	\$ -
4"	4.5"	42"	PVC	7-1/2 to 10	\$ -
5-1/4"	7"	36"	PVC	5 to 10	\$ -
5-1/4"	7"	48"	PVC	15 to 30	\$ -
5-1/4"	7"	54"	PVC	40	\$ -
5-1/4"	7"	74"	PVC	50 to 60	\$ -
6"	7"	36"	PVC	5 to 10	\$ -
6"	7"	48"	PVC	15 to 30	\$ -
6"	7"	54"	PVC	40	\$ -
6"	7"	74"	PVC	50 to 60	\$ -
7"	8"	36"	PVC	5 - 15	\$ -
7"	8"	48"	PVC	20 - 30	\$ -
7"	8"	54"	PVC	40	\$ -
7"	8"	74"	PVC	50 - 60	\$ -
8"	10"	42"	PVC	5 to 10	\$ -
8"	10"	48"	PVC	15 to 30	\$ -
8"	10"	54"	PVC	40	\$ -
8"	10"	68"	PVC	50	\$ -
8"	10"	74"	PVC	60	\$ -
8"	10"	82"	PVC	75	\$ -

COMPONENTS

4" PVC SHROUD HEAD	\$ -
5" PVC SHROUD HEAD	\$ -
6" PVC SHROUD HEAD	\$ -
7" PVC SHROUD HEAD	\$ -
8" PVC SHROUD HEAD	\$ -
SHROUD RIVETS	\$ -
#64 STAINLESS STEEL CLAMP	\$ -
#96 STAINLESS STEEL CLAMP	\$ -
#128 STAINLESS STEEL CLAMP	\$ -

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STAINLESS STEEL CLAMPS

Mfg Number	Description	Size	Box Quantity	List Price
6308	8	7/16" x 1"	10	\$ -
6310	10	1/2" x 1-1/16"	10	\$ -
6312	12	1/2" x 1-1/4"	10	\$ -
6316	16	11/16" x 1-1/2"	10	\$ -
6320	20	3/4" x 1-3/4"	10	\$ -
6324	24	1" x 2"	10	\$ -
6328	28	1-15/16" x 2-1/2"	10	\$ -
6332	32	1-1/2" x 2-1/2"	10	\$ -
6336	36	1-3/4" x 2-3/4"	10	\$ -
6340	40	2" x 3"	10	\$ -
6352	52	2-3/4" x 3-3/4"	10	\$ -
6364	64	2-1/2" x 4-1/2"	10	\$ -
6372	72	3" x 5"	10	\$ -
6380	80	3-1/2" x 5-1/2"	10	\$ -
6396	96	4-1/2" x 6-1/2"	10	\$ -
63104	104	5" x 7"	10	\$ -
63128	128	6-1/2" x 8-1/2"	10	\$ -
63152	152	8" x 10"	10	\$ -

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AY MCDONALD CONTROL BOXES

Standard

HP	Phase	Voltage	List Price
½	1	115	\$ -
½	1	230	\$ -
¾	1	230	\$ -
1	1	230	\$ -
1½	1	230	\$ -
2	1	230	\$ -
3	1	230	\$ -
5	1	230	\$ -

*Use Heavy duty pressure switches on 1½ hp and above with a standard control box



Deluxe

HP	Phase	Voltage	List Price
1½	1	230	\$ -
2	1	230	\$ -
3	1	230	\$ -
5	1	230	\$ -
7½	1	230	\$ -
10	1	230	\$ -
15	1	230	\$ -

*Deluxe control boxes allow the use of standard pressure switches

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REPAIR PARTS

MFG NUMBER	DESCRIPTION	LIST PRICE
RD-10-370/440	10 MFD GE RUN CAPACITOR	\$ -
RD-15-370	15 MFD GE RUN CAPACITOR	\$ -
RD-20-370	20 MFD GE RUN CAPACITOR	\$ -
RD-35-370	35 MFD GE RUN CAPACITOR	\$ -
RD-40-370	40 MFD GE RUN CAPACITOR	\$ -
RD-45-370	45 MFD GE RUN CAPACITOR	\$ -

Run Capacitor Selection Chart

HP Rating	Capacitors Required		Total MFD Required
1½ HP	1	10 MFD	10
2 HP	1	20 MFD	20
3 HP	1	45 MFD	45
5 HP	2	40 MFD	80
7½ HP	1	45 MFD	45
10 HP	2	35 MFD	70
15 HP	3	45 MFD	135



MFG NUMBER	MFD'S	DESCRIPTION	HP	LIST PRICE
BC-243-125V	243-292	START CAPACITOR	½ HP 115V	\$ -
BC-64M-250V	64-77	START CAPACITOR	½ HP 230V	\$ -
BC-88M-250V	88-108	START CAPACITOR	¾ HP 230V	\$ -
BC-108M-250V	108-130	START CAPACITOR	1 - 2 HP 230V	\$ -
BC-216M-250V	216-259	START CAPACITOR	3 HP 230V	\$ -
BC-270M-330V	270-324	START CAPACITOR	5 - 7½ HP 230V	\$ -
BC-130M-330V	130-156	START CAPACITOR	10 HP 230V	\$ -
BC-161M-330V	161-193	START CAPACITOR	15 HP 230V	\$ -

MFG NUMBER	DESCRIPTION	LIST PRICE
45EG10AGA	30AMP 230V DP CONTACTOR	\$ -
45GG10AGA	40AMP 230V DP CONTACTOR	\$ -

MFG NUMBER	DESCRIPTION	LIST PRICE
111 INSIDER	SYMCOM PUMP PROTECTION RELAY 115V	\$ -
231 INSIDER	SYMCOM PUMP PROTECTION RELAY 230V	\$ -
233P	SYMCOM PUMP PROTECTION RELAY 230V W/ ENCLOSURE	\$ -
777-P2	SYMCOM MOTOR SAVER PROGRAMMABLE O/L RELAY	\$ -
INFORMER	INFORMER DIAGNOSTIC TOOL	\$ -

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PRESSURE SWITCHES



Model #	Pressure Setting	Description / Features	List Price
1040	20/40	Standard Water Pump Switch	\$ -
1041	30/50	Standard Water Pump Switch	\$ -
1042	40/60	Standard Water Pump Switch	\$ -
1043	20/40	Pump Switch With Low Cut-Off	\$ -
1044	30/50	Pump Switch With Low Cut-Off	\$ -
1045	40/60	Pump Switch With Low Cut-Off	\$ -
1046	20/40	Heavy Duty Commercial Pump Switch	\$ -
1047	30/50	Heavy Duty Commercial Pump Switch	\$ -
1048	40/60	Heavy Duty Commercial Pump Switch	\$ -
1049	60/80	Heavy Duty Commercial Pump Switch	\$ -



- *Nema 1 Rated
- *1/4" FRT Connection
- *Suitable for all types of pumps
- *Standard, low pressure cutoff or HD switches available



Model #	Pressure Setting	Description / Features	List Price
FSG-2	20/40	Standard Water Pump Switch	\$ -
FSG-2	30/50	Standard Water Pump Switch	\$ -
FSG-2	40/60	Standard Water Pump Switch	\$ -
FSG-2 (M-1)	20/40	Pump Switch With Manual Cut-Off	\$ -
FSG-2 (M-1)	30/50	Pump Switch With Manual Cut-Off	\$ -
FSG-2 (M-4)	20/40	Pump Switch With Low Cut-Off	\$ -
FSG-2 (M-4)	30/50	Pump Switch With Low Cut-Off	\$ -
GSG-2	20/40	Heavy Duty Commercial Pump Switch	\$ -
GSG-2	30/50	Heavy Duty Commercial Pump Switch	\$ -
GSG-2	40/60	Heavy Duty Commercial Pump Switch	\$ -
GHG-2	40/60	Heavy Duty Commercial Pump Switch (High Pressure)	\$ -
GHG-2	60/80	Heavy Duty Commercial Pump Switch (High Pressure)	\$ -

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- *1/4" FRT Connection
- *FS Series for use in 1.5hp and smaller
- *GS Series for use in higher HP applications

NEMA A Type 1 Enclosure		Poles	Cut-Out PSI Range	Differ- ential	Electrical Ratings - Horsepower							
Model No.	Special Features				1 Phase AC		Polyphase AC			Direct Current		
					110V	220V	220V	440V	550V	32V	115V	230V
FSG2	Standard Pump Switch	2	20-65	15-30	1 1/2	2	2	-	-	1/4	-	-
FSG2 (M1)	Manual Cut-Off Lever	2	20-65	15-30	1 1/2	2	2	-	-	1/4	-	-
FSG2 (M4)	Low Pressure Cut-Off Lever	2	20-65	15-30	1 1/2	2	2	-	-	1/4	-	-
GSG2	Heavy Duty Pump Switch	2	20-80	14-43	2	3	5	5	5	1/2	1	1
GHG2	Heavy Duty Pump Switch	2	65-200	25-60	2	3	5	5	5	1/2	1	1



**SIEMENS
ESP200 Control Panel**

NEMA Size Max HP Overload Range Fuse Clip Size MFG Number List Price

230 Volt

1	3	5.5 - 22	30	87DUD6LC	\$ -
1	5-7½	10-40	30	87DUE6LC	\$ -
1-3/4	10	10-40	60	87EUE6LC	\$ -
2	15	13-52	60	87FUF6LC	\$ -
2-1/2	20	25-100	100	87GUG6PC	\$ -
3	25-30	50-200	100	87HUG6LC	\$ -

Slim Line 460 Volt

1	5-10	5.5 - 22	30	82ADD6FBH	\$ -
2	15-25	13-52	60	82AFF6FDH	\$ -

460 Volt

1	5-10	5.5 - 22	30	87DUD6FC	\$ -
1-3/4	15	10-40	30	87EUE6FC	\$ -
2	20-25	13-52	60	87FUF6FC	\$ -
2-1/2	30	25-100	60	87GUG6FC	\$ -
3	40-50	25-100	100	87HUG6FC	\$ -
3-1/2	60-75	50-200	200	87IUH6FC	\$ -
4	100	50-200	200	87JUH6FC	\$ -
5	125-200	55-250	400	87LPU6FH	\$ -
6	250	160-630	600	87MSW6FH	\$ -

Class 3RE48

1	5	3-12	30	3RE48010GH764CA0	\$ 1,154.60
1	10	5.5-22	30	3RE48010GH764DA0	\$ 1,154.60
2	25	13-52	60	3RE48020GK764FA0	\$ 1,327.70
3	50	25-100	100	3RE48030GM764GA0	\$ 1,735.90
4	100	50-200	200	3RE48040GP764HA0	\$ 2,670.70

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- *Phase Loss Protection
- *Ambient Insensitive
- *FLA Adjustment Range
- *Heaterless Design
- *Trip Free Design
- *NEMA Class 10, 20, and 30 Trip Curves

- *+ or -2% Repeat Trip Accuracy
- *Manual Reset
- *-22 F to 159 F
- *Rated for both 50 & 60 Hz
- *UL Listed File # E22655
- *CSA Certified File #LR6535



SIEMENS STARTERS

MFG Number	NEMA Size	Overload Range	Max HP Rating	Max HP Rating	List Price
14DUD32AC	1	5.5-22 Amp	3	10	\$ -
14EUE32AC	1¼	10-40 Amp	10	15	\$ -
14FUF32AC	2	13-52 Amp	15	25	\$ -
14GUG32AC	2½	25-100 Amp	20	30	\$ -



SIEMENS ESP200 OVERLOAD RELAY

MFG Number	Overload Range	Max HP Rating	Max HP Rating	List Price
48ATC3S00	3 to 12	2	5	\$ -
48ATD3S00	5.5 to 22	3	10	\$ -
48ATE3S00	10 to 40	10	15	\$ -
48BTF3S00	13 to 52	15	25	\$ -
48BTG3S00	25 to 100	30	50	\$ -
48BTH3S00	50 to 200	50	100	\$ -



SIEMENS PANEL PARTS

Mfg Number	Description	List Price
52SB2CAB	HOA SELECTOR	\$ -
52BAK	N/O CONTACT	\$ -
53BAJ	N/C CONTACT	\$ -
52PA8A1	START BUTTON	\$ -
52SA2CABA1P	BLISTER PACK WITH HOA	\$ -
75D73070C	00-2½ 240V/480V COIL	\$ -
75D73251C	3-3½ 240V/480V COIL	\$ -



Service Disconnects

Mfg Number	Description	List Price
D211N	30A 240V NEMA 1 FUSED - SCREW IN TYPE	\$ -
GF221N	30A 240V 2P NEMA 1 FUSED	\$ -
GF221NR	30A 240V 2P NEMA 3R FUSED	\$ -
GF222NR	60A 240V 3P NEMA 3R FUSED	\$ -
GF223NR	100A 240V 2P NEMA 3R FUSED	\$ -
GF323NR	100A 240V 3P NEMA 3R FUSED	\$ -
HF361R	30A 600V 3P NEMA 3R FUSED	\$ -
HF362R	60A 600V 3P NEMA 3R FUSED	\$ -
HF363R	100A 600V 3P NEMA 3R FUSED	\$ -
HF364R	200A 600V 3P NEMA 3R FUSED	\$ -



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FUSES

Model	AMP Rating	HP Range 1	HP Range 3	Type	Box Quantity	List Price
125V						
GT15	15	½		Plug	4	\$ -
GT20	20	¾		Plug	4	\$ -
GT25	25	1		Plug	4	\$ -
GT30	30	1½		Plug	4	\$ -

250V

TR-10R	10	1	1½ - 2	Cartridge	10	\$ -
TR-15R	15	1½ - 2	3	Cartridge	10	\$ -
TR-20R	20	3	5	Cartridge	10	\$ -
TR-30R	30	5	7½	Cartridge	10	\$ -
TR-35R	35		10	Cartridge	10	\$ -
TR-40R	40			Cartridge	10	\$ -
TR-45R	45	7½		Cartridge	10	\$ -
TR-60R	60	10	15	Cartridge	10	\$ -
TR-70R	70		20	Cartridge	5	\$ -
TR-80R	80	15		Cartridge	5	\$ -
TR-90R	90		25	Cartridge	5	\$ -
TR-100R	100		30	Cartridge	5	\$ -

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- * AC & DC rated
- * Time-delay for motor start-ups and transformer inrush currents without nuisance opening
- * Current-limiting for low peak let-thru current
- * Easy-to-read label for quick brand recognition and replacement
- * Metal-embossed date and catalog number for traceability and lasting identification
- * Fiberglass body provides dimensional stability in harsh industrial settings
- * High-grade silica filler ensures fast arc quenching and high current limitation
- * UL Listed / CSA Certified



FUSES

Model	AMP Rating	HP Range 1	HP Range 3	Type	Box Quantity	List Price
600V						
TRS-5R	5		1½ - 2	Cartridge	10	\$ -
TRS-7R	7		3	Cartridge	10	\$ -
TRS-10R	10		5	Cartridge	10	\$ -
TRS-15R	15		7½	Cartridge	10	\$ -
TRS-20R	20		10	Cartridge	10	\$ -
TRS-30R	30		15	Cartridge	10	\$ -
TRS-35R	35		20	Cartridge	10	\$ -
TRS-40R	40			Cartridge	10	\$ -
TRS-45R	45		25	Cartridge	10	\$ -
TRS-50R			30	Cartridge	10	\$ -
TRS-60R	60			Cartridge	10	\$ -
TRS-70R	70		40	Cartridge	5	\$ -
TRS-80R	80			Cartridge	5	\$ -
TRS-90R	90		50	Cartridge	5	\$ -
TRS-100R	100			Cartridge	5	\$ -
TRS-110R	110		60	Cartridge	1	\$ -
TRS-125R	125		75	Cartridge	1	\$ -
TRS-150R	150			Cartridge	1	\$ -
TRS-175R	175		100	Cartridge	1	\$ -
TRS-200R	200			Cartridge	1	\$ -
TRS-225R	225		125	Cartridge	1	\$ -



- * AC & DC rated
- * Time-delay for motor start-ups and transformer inrush currents without nuisance opening
- * Current-limiting for low peak let-thru current
- * Easy-to-read label for quick brand recognition and replacement
- * Metal-embossed date and catalog number for traceability and lasting identification
- * Fiberglass body provides dimensional stability in harsh industrial settings
- * High-grade silica filler ensures fast arc quenching and high current limitation
- * UL Listed / CSA Certified

FUSE REDUCERS

Description	Manufacturer Number	List Price
60A - 30A Fuse Reducer - Cartridge Type	636	\$ -
100A - 30A Fuse Reducer - Cartridge Type	162	\$ -
100A - 60A Fuse Reducer - Cartridge Type	166	\$ -
200A - 60A Fuse Reducer - Cartridge Type	266	\$ -
200A - 100A Fuse Reducer - Cartridge Type	212	\$ -



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PHASE PERFECT - SOLID STATE, DIGITAL PHASE CONVERTER

240V Output Phase Converters

Model Number	HP Rating	Voltage Input	Voltage Output	List Price
PTE007R	7.5	240V 1PH	240V 3PH	\$ -
PTE010R	10	240V 1PH	240V 3PH	\$ -
PTE015R	15	240V 1PH	240V 3PH	\$ -
PTE020R	20	240V 1PH	240V 3PH	\$ -



Voltage Doubling Phase Converters

Model Number	HP Rating	Voltage Input	Voltage Output	List Price
PTE207RQT	7.5	240V 1PH	480V 3PH	\$ -
PTE210RQT	10	240V 1PH	480V 3PH	\$ -
PTE215RQT	15	240V 1PH	480V 3PH	\$ -
PTE220RQT	20	240V 1PH	480V 3PH	\$ -

480V Output Phase Converters

Model Number	HP Rating	Voltage Input	Voltage Output	List Price
PTE407R	7.5	480V 1PH	480V 3PH	\$ -
PTE410R	10	480V 1PH	480V 3PH	\$ -
PTE415RQT	15	480V 1PH	480V 3PH	\$ -
PTE420RQT	20	480V 1PH	480V 3PH	\$ -

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Increased Efficiency

- Now 98.7% efficient at full load
- Lower standby losses

The Best Power Quality

- Voltage balance within 2%

Less Noise

- Compared to rotary phase converters, the Phase Perfect® is 82% quieter

Improved Starting Capability

- NEW! PERFECTStart™ - Proprietary control algorithm that prevents overcurrent tripping

Rugged & Reliable

- NEMA 1 indoor & NEMA 3R outdoor enclosures available

Higher Power Ratings

- 240 V models - now up to 75 HP
- 480 V Models - now up to 100 HP

PTE Series Features

- Compact Frame
- NEW! - Voltage Doubling™
- Best in-class value



PHASE TECHNOLOGIES VFDS

Essential Series - 115V / 240V Single Phase Input and Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
ES3R	1/2 to 2	115v / 230v	115v / 230v	13A	13A	\$ -

* .5 to 150 PSI Digital Pressure Switch W/ 10' Lead Included

Additional Panel Shop Options

Description	List Price
4-20mA Input Board and Transducer	\$ -
Overpressure Switch	\$ -

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Features and Benefits

- *Single phase in, single phase out capabilities
- *Both 2-wire and 3-wire motor compatibility
- *Large easy to read graphic display
- *Easy field servicability
- *Large wiring area
- *Auto restart setting
- *60 psi pre-set digital pressure switch included
- *Easy setup with perfect pressure
- *NEMA 3R enclosure with insect guards
- *122 F (50 C) Rated
- *Rugged reliability



ES
SERIES



PHASE TECHNOLOGIES VFDS

SD Series - 208V / 240V Single Phase Input - 240V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input Current	Output Current	List Price
SD002R	½ - 2	240v, 1ph	240v, 3ph	20A	8A	\$ -
SD003R	3	240v, 1ph	240v, 3ph	30A	10A	\$ -
SD005R	5	240v, 1ph	240v, 3ph	42A	18A	\$ -
SD007R	7½	240v, 1ph	240v, 3ph	58A	27A	\$ -
SD010R	10	240v, 1ph	240v, 3ph	69A	33A	\$ -
SD015R	15	240v, 1ph	240v, 3ph	92A	46A	\$ -

* 0-150 psi Transducer with 15ft lead - included standard with all SD Series models

SD Series - 480V Single Phase Input - 480V Single Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
SD405	5	480v, 1ph	480v, 3ph	30A	10A	\$ -
SD407	7½	480v, 1ph	480v, 3ph	37A	13A	\$ -
SD410	10	480v, 1ph	480v, 3ph	42A	18A	\$ -
SD415R	15	480v, 1ph	480v, 3ph	56A	24A	\$ -

* 0-150 psi Transducer with 15ft lead - included standard with all SD models

Additional Panel Shop Options

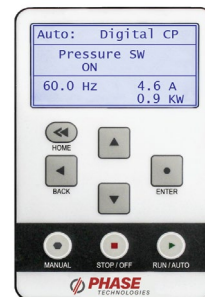
Description	List Price
Sine Wave Output Filter	\$ -
Strikesorb Surge Protection	\$ -



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Features and Benefits

- *User Friendly constant pressure setup wizard.
- *Designed and housed in NEMA 3R enclosure for durability and installation flexibility.
- *Easily serviceable in the field.
- *LCD screen shines bright for easy reading, and displays real time information.
- *Metal door for keypad protection with optional lock for safety.
- *Able to withstand operating temperatures of up to 122 degrees Farenheight.



SD SERIES

PHASE TECHNOLOGIES VFDS

2XD Series - 240V Single Phase Input - 460V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
2XD205R	5	240v, 1ph	460v, 3ph	31A	10A	\$ -
2XD207R	7.5	240v, 1ph	460v, 3ph	52A	13A	\$ -
2XD210R	10	240v, 1ph	460v, 3ph	64A	18A	\$ -

* 0-150 psi Transducer with 15ft lead - included standard with all 2XD models

Additional Panel Shop Options

Description	List Price
0-150 PSI Transducer w/ 15' Lead	\$ -
0-150 PSI Transducer w/ 25' Lead	\$ -
0-150 PSI Transducer w/ 50' Lead	\$ -
0-150 PSI Transducer w/ 100' Lead	\$ -
Keypad Locking Cover	\$ -
HOA Switch and Speed Potentiometer	\$ -
Sine Wave Output Filter	\$ -
Strikesorb Surge Protector	\$ -

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Features and Benefits

- ***Voltage doubling capabilities** to bring 240V to 480V for better motor efficiency and savings on cable in deep set installations.
- *Included single event surge protection
- *Easy set up with Perfect Pressure
- *NEMA 3R rated outdoor enclosure
- *Integrated output filter options
- *Large easy to read graphic display
- *Metal door for keypad protection with optional lock for safety.



2XD SERIES

PHASE TECHNOLOGIES VFDS

1LHE Series - 240V Single Phase Input - 240V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
1LHE005R	5	240v, 1ph	240v, 3ph	26A	18A	\$ -
1LHE007R	7.5	240v, 1ph	240v, 3ph	37A	24A	\$ -
1LHE010R	10	240v, 1ph	240v, 3ph	48A	31A	\$ -
1LHE015R	15	240v, 1ph	240v, 3ph	72A	46A	\$ -
1LHE020R	20	240v, 1ph	240v, 3ph	97A	61A	\$ -

* See Page B-29 For Additional Panel Shop Options

1LHE Series - 240V Single Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
1LHE205R	5	240v, 1ph	480v, 3ph	26A	9A	\$ -
1LHE207R	7.5	240v, 1ph	480v, 3ph	37A	13A	\$ -
1LHE210R	10	240v, 1ph	480v, 3ph	50A	18A	\$ -
1LHE215R	15	240v, 1ph	480v, 3ph	67A	24A	\$ -
1LHE220R	20	240v, 1ph	480v, 3ph	97A	31A	\$ -
1LHE225R	25	240v, 1ph	480v, 3ph	115A	40A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- ***Voltage doubling capabilities** to bring 240V to 480V for better motor efficiency and savings on cable in deep set
- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *NEMA 3R enclosure.
- *Compact and versatile enclosure for ease of installation.
- *Superior heat rejection and cooling capabilities.
- *Able to withstand temperatures up to 122° F.



IEEE 519 Compliant

1LH
SERIES



PHASE TECHNOLOGIES VFDS

1LHS Series - 480V Single Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
1LHS420R	20	480v, 1ph	480v, 3ph	48A	31A	\$ -
1LHS430R	30	480v, 1ph	480v, 3ph	72A	46A	\$ -
1LHS440R	40	480v, 1ph	480v, 3ph	98A	61A	\$ -
1LHS450R	50	480v, 1ph	480v, 3ph	121A	77A	\$ -
1LHS460R	60	480v, 1ph	480v, 3ph	143A	91A	\$ -
1LHS475R	75	480v, 1ph	480v, 3ph	170A	107A	\$ -
1LHS4100R	100	480v, 1ph	480v, 3ph	226A	142A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *Phase changing.
- *NEMA 3R enclosure.
- *Slim, light design for larger applications.
- *Superior heat rejection and cooling capabilities.
- *Able to withstand temperatures up to 122° F.



1LH
SERIES

SIGNATURE



PHASE TECHNOLOGIES VFDS

LH Performance Series - 480V Single Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
1LH420R	20	480v, 1ph	480v, 3ph	48A	31A	\$ -
1LH430R	30	480v, 1ph	480v, 3ph	72A	46A	\$ -
1LH440R	40	480v, 1ph	480v, 3ph	98A	61A	\$ -
1LH450R	50	480v, 1ph	480v, 3ph	121A	77A	\$ -
1LH460R	60	480v, 1ph	480v, 3ph	143A	91A	\$ -
1LH475R	75	480v, 1ph	480v, 3ph	170A	107A	\$ -
1LH4100R	100	480v, 1ph	480v, 3ph	226A	142A	\$ -
1LH4125R	125	480v, 1ph	480v, 3ph	273A	172A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *Phase changing.
- *NEMA 3R enclosure.
- *Large enclosure with ample space for additional options.
- *Superior heat rejection and cooling capabilities.
- * **AUXPOWER™** can be added to run pivot and pump system in one unit.



1LH
SERIES

PERFORMANCE



PHASE TECHNOLOGIES VFDS

3LH Series - 240V Three Phase Input - 240V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LHE005R	5	240v, 3ph	240v, 3ph	18A	18A	\$ -
3LHE007R	7.5	240v, 3ph	240v, 3ph	24A	24A	\$ -
3LHE010R	10	240v, 3ph	240v, 3ph	31A	31A	\$ -
3LHE015R	15	240v, 3ph	240v, 3ph	46A	46A	\$ -
3LHE020R	20	240v, 3ph	240v, 3ph	61A	61A	\$ -
3LHE025R	25	240v, 3ph	240v, 3ph	75A	75A	\$ -
3LHE030R	30	240v, 3ph	240v, 3ph	91A	91A	\$ -

3LHE - 240V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LHE205R	5	240v, 3ph	480v, 3ph	18A	9A	\$ -
3LHE207R	7.5	240v, 3ph	480v, 3ph	24A	13A	\$ -
3LHE210R	10	240v, 3ph	480v, 3ph	30A	18A	\$ -
3LHE215R	15	240v, 3ph	480v, 3ph	46A	24A	\$ -
3LHE220R	20	240v, 3ph	480v, 3ph	61A	31A	\$ -
3LHE225R	25	240v, 3ph	480v, 3ph	77A	38A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Voltage doubling capabilities to bring 240V to 480V for better motor efficiency and savings on cable in deep set
- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- * Voltage doubling eliminates need for transformer.
- *NEMA 3R enclosure.
- *Compact and versatile enclosure for ease of installation.
- *Superior heat rejection and cooling capabilities.



3LH
SERIES



PHASE TECHNOLOGIES VFDS

3LHE Series - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LHE405R	5	480v, 3ph	480v, 3ph	9A	9A	\$ -
3LHE407R	7.5	480v, 3ph	480v, 3ph	13A	13A	\$ -
3LHE410R	10	480v, 3ph	480v, 3ph	18A	18A	\$ -
3LHE415R	15	480v, 3ph	480v, 3ph	24A	24A	\$ -
3LHE420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
3LHE425R	25	480v, 3ph	480v, 3ph	38A	38A	\$ -
3LHE430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
3LHE440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
3LHE450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *NEMA 3R enclosure.
- *Compact and versatile enclosure for ease of installation.
- *Superior heat rejection and cooling capabilities.



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SERIES



PHASE TECHNOLOGIES VFDS

3LHS - 240V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LHS220R	20	240v, 3ph	480v, 3ph	61A	31A	\$ -
3LHS230R	30	240v, 3ph	480v, 3ph	91A	46A	\$ -
3LHS240R	40	240v, 3ph	480v, 3ph	121A	61A	\$ -
3LHS250R	50	240v, 3ph	480v, 3ph	142A	77A	\$ -
3LHS260R	60	240v, 3ph	480v, 3ph	172A	91A	\$ -

3LHS - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LHS420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
3LHS430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
3LHS440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
3LHS450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -
3LHS460R	60	480v, 3ph	480v, 3ph	91A	91A	\$ -
3LHS475R	75	480v, 3ph	480v, 3ph	107A	107A	\$ -
3LHS4100R	100	480v, 3ph	480v, 3ph	142A	142A	\$ -
3LHS4125R	125	480v, 3ph	480v, 3ph	172A	172A	\$ -
3LHS4150R	150	480v, 3ph	480v, 3ph	198A	198A	\$ -
3LHS4200R	200	480v, 3ph	480v, 3ph	250A	250A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Voltage doubling capabilities to bring 240V to 480V for better motor efficiency and savings on cable in deep set
- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *Voltage Doubling
- *NEMA 3R enclosure.
- *Slim, light design for larger applications.
- *Superior heat rejection and cooling capabilities.



3LH
SERIES

SIGNATURE



PHASE TECHNOLOGIES VFDS

3LH Performance Series - 240V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LH220R	20	240v, 3ph	480v, 3ph	61A	31A	\$ -
3LH230R	30	240v, 3ph	480v, 3ph	91A	46A	\$ -
3LH240R	40	240v, 3ph	480v, 3ph	121A	61A	\$ -
3LH250R	50	240v, 3ph	480v, 3ph	142A	77A	\$ -
3LH260R	60	240v, 3ph	480v, 3ph	172A	91A	\$ -

* See Page B-29 For Additional Panel Shop Options

3LH Performance Series - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
3LH420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
3LH430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
3LH440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
3LH450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -
3LH460R	60	480v, 3ph	480v, 3ph	91A	91A	\$ -
3LH475R	75	480v, 3ph	480v, 3ph	107A	107A	\$ -
3LH4100R	100	480v, 3ph	480v, 3ph	142A	142A	\$ -
3LH4125R	125	480v, 3ph	480v, 3ph	172A	172A	\$ -
3LH4150R	150	480v, 3ph	480v, 3ph	198A	198A	\$ -
3LH4200R	200	480v, 3ph	480v, 3ph	250A	250A	\$ -
3LH4250R	250	480v, 3ph	480v, 3ph	304A	304A	\$ -
3LH4300R	300	480v, 3ph	480v, 3ph	362A	362A	\$ -
3LH4350R	350	480v, 3ph	480v, 3ph	415A	415A	\$ -
3LH4400R	400	480v, 3ph	480v, 3ph	478A	478A	\$ -
3LH4450R	450	480v, 3ph	480v, 3ph	515A	515A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- ***Voltage doubling capabilities** to bring 240V to 480V for better motor efficiency and savings on cable in deep set
- *Guaranteed IEEE 519 compliant without additional harmonic filters.
- *Set up constant pressure in minutes.
- *Large backlit graphic display with intuitive menus.
- *Voltage Doubling
- *NEMA 3R enclosure.
- *Large enclosure with ample space for additional options.
- *Superior heat rejection and cooling capabilities.



3LH
SERIES

PERFORMANCE



PHASE TECHNOLOGIES VFDS

DXE Series - 240V Three Phase Input - 240V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
DXE005R	5	240v, 3ph	240v, 3ph	18A	18A	\$ -
DXE007R	7.5	240v, 3ph	240v, 3ph	24A	24A	\$ -
DXE010R	10	240v, 3ph	240v, 3ph	31A	31A	\$ -
DXE015R	15	240v, 3ph	240v, 3ph	46A	46A	\$ -
DXE020R	20	240v, 3ph	240v, 3ph	61A	61A	\$ -
DXE025R	25	240v, 3ph	240v, 3ph	75A	75A	\$ -
DXE030R	30	240v, 3ph	240v, 3ph	91A	91A	\$ -

* See Page B-29 For Additional Panel Shop Options

DXE Series - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
DXE405R	5	480v, 3ph	480v, 3ph	9A	9A	\$ -
DXE407R	7.5	480v, 3ph	480v, 3ph	13A	13A	\$ -
DXE410R	10	480v, 3ph	480v, 3ph	18A	18A	\$ -
DXE415R	15	480v, 3ph	480v, 3ph	24A	24A	\$ -
DXE420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
DXE425R	25	480v, 3ph	480v, 3ph	38A	38A	\$ -
DXE430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
DXE440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
DXE450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Three phase six pulse VFD.
- *Perfect Pressure setup for constant pressure in minutes.
- *Large backlit display with messages in clear english.
- *Advanced motor protection & PID control.
- *Sinewave filter integration.
- *Smallest enclosure for tight fitting applications.

DX
SERIES

ENTERPRISE



PHASE TECHNOLOGIES VFDS

DXS Series - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
DXS420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
DXS430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
DXS440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
DXS450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -
DXS460R	60	480v, 3ph	480v, 3ph	91A	91A	\$ -
DXS475R	75	480v, 3ph	480v, 3ph	107A	107A	\$ -
DXS4100R	100	480v, 3ph	480v, 3ph	142A	142A	\$ -
DXS4125R	125	480v, 3ph	480v, 3ph	172A	172A	\$ -
DXS4150R	150	480v, 3ph	480v, 3ph	198A	198A	\$ -
DXS4200R	200	480v, 3ph	480v, 3ph	250A	250A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Three phase six pulse VFD.
- *Perfect Pressure setup for constant pressure in minutes.
- *Large backlit display with messages in clear english.
- *Advanced motor protection & PID control.
- *Sinewave filter integration.
- *Superior heat rejection, able to operate in conditions up to 122° F.
- *Slim and light panel design.

DX
SERIES

SIGNATURE



PHASE TECHNOLOGIES VFDS

DX Performance Series - 480V Three Phase Input - 480V Three Phase Output

Model	HP	Voltage In	Voltage Out	Input	Output	List Price
DX420R	20	480v, 3ph	480v, 3ph	31A	31A	\$ -
DX430R	30	480v, 3ph	480v, 3ph	46A	46A	\$ -
DX440R	40	480v, 3ph	480v, 3ph	61A	61A	\$ -
DX450R	50	480v, 3ph	480v, 3ph	77A	77A	\$ -
DX460R	60	480v, 3ph	480v, 3ph	91A	91A	\$ -
DX475R	75	480v, 3ph	480v, 3ph	107A	107A	\$ -
DX4100R	100	480v, 3ph	480v, 3ph	142A	142A	\$ -
DX4125R	125	480v, 3ph	480v, 3ph	172A	172A	\$ -
DX4150R	150	480v, 3ph	480v, 3ph	198A	198A	\$ -
DX4200R	200	480v, 3ph	480v, 3ph	250A	250A	\$ -
DX4250R	250	480v, 3ph	480v, 3ph	304A	304A	\$ -
DX4300R	300	480v, 3ph	480v, 3ph	362A	362A	\$ -
DX4350R	350	480v, 3ph	480v, 3ph	415A	415A	\$ -
DX4400R	400	480v, 3ph	480v, 3ph	478A	478A	\$ -
DX4450R	450	480v, 3ph	480v, 3ph	515A	515A	\$ -

* See Page B-29 For Additional Panel Shop Options

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Features and Benefits

- *Three phase six pulse VFD.
- *Perfect Pressure setup for constant pressure in minutes.
- *Large backlit display with messages in clear english.
- *Advanced motor protection & PID control.
- *Sinewave filter integration.
- *Superior heat rejection, able to operate in conditions up to 122° F.
- *Large enclosure with ample space for additional options.

DX
SERIES

PERFORMANCE





PHASE TECHNOLOGIES VFDS

LH & DX Series Additional Panel Shop Options

Option Code	Description	List
B	MCCB Service Disconnect	\$ -
H	HOA Switch and Speed Potentiometer	\$ -
H1	HOA Switch	\$ -
H2	Speed Potentiometer	\$ -
O	Sinewave Output Filter	\$ -
ASPD013	Three Phase Strikesorb Surge Protection	\$ -
ASPD014	Single Phase Strikesorb Surge Protection	\$ -
S1	Protec Surge Protection	\$ -
S00150	0 - 150 PSI Pressure Transducer w/ 15' Lead	\$ -
S00150-25	0 - 150 PSI Pressure Transducer w/ 25' Lead	\$ -
S00150-50	0 - 150 PSI Pressure Transducer w/ 50' Lead	\$ -
S00150-100	0 - 150 PSI Pressure Transducer w/ 100' Lead	\$ -
PSI SNUB	Pressure Snubber for Transducers	\$ -
CVR0002	Keypad locking security cover for Enterprise Enclosures	\$ -
CVR0001	HOA Switch and Speed Pot Security Cover	\$ -
LEGS	Pad Mount Leg Kit (Drive Specific)	\$ -

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DX
SERIES

3LH
SERIES

1LH
SERIES

SINGLE PHASE														
Motor Rating		75 °C INSULATION - AWG COPPER WIRE SIZE												
Volts	HP	14	12	10	8	6	4	3	2	1	0	00	000	0000
115 V 1ph	1/2	100	160	250	390	620	960	1190	1460	1780	2160	2630	3140	3770
	3/4	400	650	1020	1610	2510	3880	4810	5880	7170	8720			
230 V Single-Phase	1	300	480	760	1200	1870	2890	3580	4370	5330	6470	7870	9380	
	1.5	250	400	630	990	1540	2380	2960	3610	4410	5360	6520	7780	9350
	2	190	310	480	770	1200	1870	2320	2850	3500	4280	5240	6300	7620
	3	150	250	390	620	970	1530	1910	2360	2930	3620	4480	5470	6700
	5	120*	190	300	470	750	1190	1490	1850	2320	2890	3610	4470	5550
	7.5	0	110*	180	280	450	710	890	1110	1390	1740	2170	2680	3330
	10	0	0	120*	200	310	490	610	750	930	1140	1410	1720	2100
	15	0	0	0	160*	250	390	490	600	750	930	1160	1430	1760
	20	0	0	0	0	170*	270	340	430	530	660	820	1020	1260

THREE PHASE																			
Motor Rating		75 °C INSULATION - AWG COPPER WIRE SIZE													MCM COPPER WIRE SIZE				
Volts	HP	14	12	10	8	6	4	3	2	1	0	00	000	0000	250	300	350	400	500
230 V 60 Hz Three-Phase 3-Lead	1/2	930	1490	2350	3700	5760	8910												
	3/4	670	1080	1700	2580	4190	6490	8060	9860										
	1	560	910	1430	2260	3520	5460	6780	8290										
	1.5	420	670	1060	1670	2610	4050	5030	6160	7530	9170								
	2	320	510	810	1280	2010	3130	3890	4770	5860	7170	8780							
	3	240	390	620	990	1540	2400	2980	3660	4480	5470	6690	8020	9680					
	5	140*	230	370	590	920	1430	1790	2190	2690	3290	4030	4850	5870	6650	7560	8460	9220	
	7.5	0	160*	260	420	650	1020	1270	1560	1920	2340	2870	3440	4160	4710	5340	5970	6500	7510
	10	0	0	190*	310	490	760	950	1170	1440	1760	2160	2610	3160	3590	4100	4600	5020	5840
	15	0	0	0	210*	330	520	650	800	980	1200	1470	1780	2150	2440	2780	3110	3400	3940
	20	0	0	0	160*	250*	400	500	610	760	930	1140	1380	1680	1910	2180	2450	2680	3120
	25	0	0	0	0	200*	320	400	500	610	750	920	1120	1360	1540	1760	1980	2160	2520
30	0	0	0	0	0	260*	330	410	510	620	760	930	1130	1280	1470	1650	1800	2110	

THREE PHASE																			
Motor Rating		75 °C INSULATION - AWG COPPER WIRE SIZE													MCM COPPER WIRE SIZE				
Volts	HP	14	12	10	8	6	4	3	2	1	0	00	000	0000	250	300	350	400	500
460 V 60 Hz Three-Phase 3-Lead	1/2	3770	6020	9460															
	3/4	2730	4350	6850															
	1	2300	3670	5770	9070														
	1.5	1700	2710	4270	6730														
	2	1300	2070	3270	5150	8050													
	3	1000	1600	2520	3970	6200													
	5	590	950	1500	2360	3700	5750												
	7.5	420	680	1070	1690	2640	4100	5100	6260	7680									
	10	310	500	790	1250	1960	3050	3800	4680	5750	7050								
	15	0	340*	540	850	1340	2090	2600	3200	3930	4810	5900	7110						
	20	0	0	410	650	1030	1610	2000	2470	3040	3730	4580	5530						
	25	0	0	330*	530	830	1300	1620	1990	2450	3010	3700	4470	5430					
	30	0	0	270*	430	680	1070	1330	1640	2030	2490	3060	3700	4500	5130	5860			
	40	0	0	0	320*	500*	790	980	1210	1490	1830	2250	2710	3290	3730	4250			
	50	0	0	0	0	410*	640	800	980	1210	1480	1810	2190	2650	3010	3420	3830	4180	4850
	60	0	0	0	0	0	540*	670*	830	1020	1250	1540	1850	2240	2540	2890	3240	3540	4100
	75	0	0	0	0	0	440*	550*	680*	840	1030	1260	1520	1850	2100	2400	2700	2950	3440
	100	0	0	0	0	0	0	0	500*	620*	760*	940	1130	1380	1560	1790	2010	2190	2550
	125	0	0	0	0	0	0	0	0	0	600*	740*	890*	1000	1220	1390	1560	1700	1960
	150	0	0	0	0	0	0	0	0	0	0	630*	760*	920*	1050	1190	1340	1460	1690
175	0	0	0	0	0	0	0	0	0	0	0	670*	810*	930*	1060	1190	1300	1510	
200	0	0	0	0	0	0	0	0	0	0	0	590*	710*	810*	920*	1030	1130	1310	

Lengths with an asterik (*) meet the N.E.C. ampacity only for single conductor 75 degree Celsius cable.

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FLAT JACKETED HEAVY DUTY CABLE

Size	Weight Per 1000 Feet	List Price
#14/3 Flat JKTD W-Grnd	151.6	\$ -
#12/3 Flat JKTD W-Grnd	199.6	\$ -
#10/3 Flat JKTD W-Grnd	268.5	\$ -
#8/3 Flat JKTD W-Grnd	383.7	\$ -
#6/3 Flat JKTD W-Grnd	531.9	\$ -
#4/3 Flat JKTD W-Grnd	733.0	\$ -
#2/3 Flat JKTD W-Grnd	1048.3	\$ -
#0/3 Flat JKTD W-Grnd	1661.5	\$ -
#00/3 Flat JKTD W-Grnd	1904.0	\$ -
#000/3 Flat JKTD W-Grnd	2493.1	\$ -
#0000/3 Flat JKTD W-Grnd	2984.3	\$ -
#350 MCM/3 Flat JKTD W-Gr	4592.3	\$ -



- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant PVC insulation
- Conductors are individually colored black, red, and yellow with green ground
- Insulated conductors are assembled parallel in a flat configuration and covered with a tough, black thermoplastic jacket

TWISTED ROUND JACKETED

Size	Weight Per 1000 Feet	List Price
#12/3 Round JKTD W-Grnd	159.7	\$ -
#10/3 Round JKTD W-Grnd	220.9	\$ -
#8/3 Round JKTD W-Grnd	322.5	\$ -
#6/3 Round JKTD W-Grnd	464.9	\$ -
#4/3 Round JKTD W-Grnd	641.7	\$ -



- Premium 600 volt cable featuring stranded copper conductors with a moisture resistant PVC insulation
- Conductors are individually colored black, red, and yellow with green ground
- Insulated conductors are assembled parallel in a round configuration and covered with a tough, black thermoplastic jacket

SPLICE KITS

Model	Size	Package Quantity	Master Quantity	List Price
A4C	14-12-10	1 Kit	50	\$ -
K8C4	8	1 Kit	50	\$ -
K6C4	6	1 Kit	50	\$ -
K44	4	1 Kit	10	\$ -
K24	2	1 Kit	10	\$ -

BUTT CONNECTORS

Model	Size	Package Quantity	Master Quantity	List Price
B1210	12-10	50	500	\$ -
B8	8	25	250	\$ -
B6	6	20	100	\$ -
B4	4	20	100	\$ -
B2	2	10	50	\$ -

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TAPE

Description	Box Quantity	List Price
3M 1700 ELECTRICAL TAPE *General purpose vinyl tape	10	\$ -
3M SUPER 33 VINYL ELECTRICAL TAPE *General purpose vinyl tape	10	\$ -
3M SUPER 88 VINYL ELECTRICAL TAPE *Premium 8.5mil thick vinyl all weather tape	10	\$ -
LINERLESS RUBBER TAPE ¾" X 30' *Linerless ethylene proplene rubber based tape	10	\$ -
PLYMOUTH RUBBER TAPE ¾" X 22' *Low voltage rubber tape used to primary insolation for splices	10	\$ -
2" CABLE WRAP TAPE - BLACK *General purpose PVC tape	36	\$ -
MILSPEC 2" X 100' CABLE WRAP TAPE -GREEN	36	\$ -



METALLIC FLEXIBLE LIQUID TIGHT CONDUIT

Diameter	Roll Size	List Price
¾" METALLIC L/T FLEXIBLE CONDUIT	100'	\$ -
1" METALLIC L/T FLEXIBLE CONDUIT	100'	\$ -
1¼" METALLIC L/T FLEXIBLE CONDUIT	50'	\$ -
2" METALLIC L/T FLEXIBLE CONDUIT	50'	\$ -



LIQUID TIGHT CONDUIT CONNECTORS

Description	Box Quantity	List Price
1" STRAIGHT STEEL L/T CONNECTOR	10	\$ -
1¼" STRAIGHT STEEL L/T CONNECTOR	5	\$ -
2" STRAIGHT STEEL L/T CONNECTOR	5	\$ -
1" 90° STEEL L/T CONNECTOR	10	\$ -
1¼" 90° DEGREE STEEL L/T CONNECTOR	5	\$ -
2" 90° DEGREE STEEL L/T CONNECTOR	5	\$ -



Ground Rods

Description	Box Quantity	List Price
5/8" x 8' COPPER GROUND ROD	N/A	\$ -
5/8" COPPER GROUND ROD CLAMP	25	\$ -
#6 BARE SOLID COPPER GROUND WIRE	315'	\$ -
#4 BARE SOLID COPPER GROUND WIRE	200'	\$ -



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TOOLS & METERS

Description	List Price
Simpson Model 372 Ohmeter	\$ -
Case for Simpson 372 Ohmeter	\$ -



400A True RMS AC/DC Clamp Meter	\$ -
400A AC Clamp Meter	\$ -



9" Terminal Crimper / Cutter with Dipped Handles	\$ -
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*For use on wire from no. 10 to 22AWG. Wire cutter in nose.



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