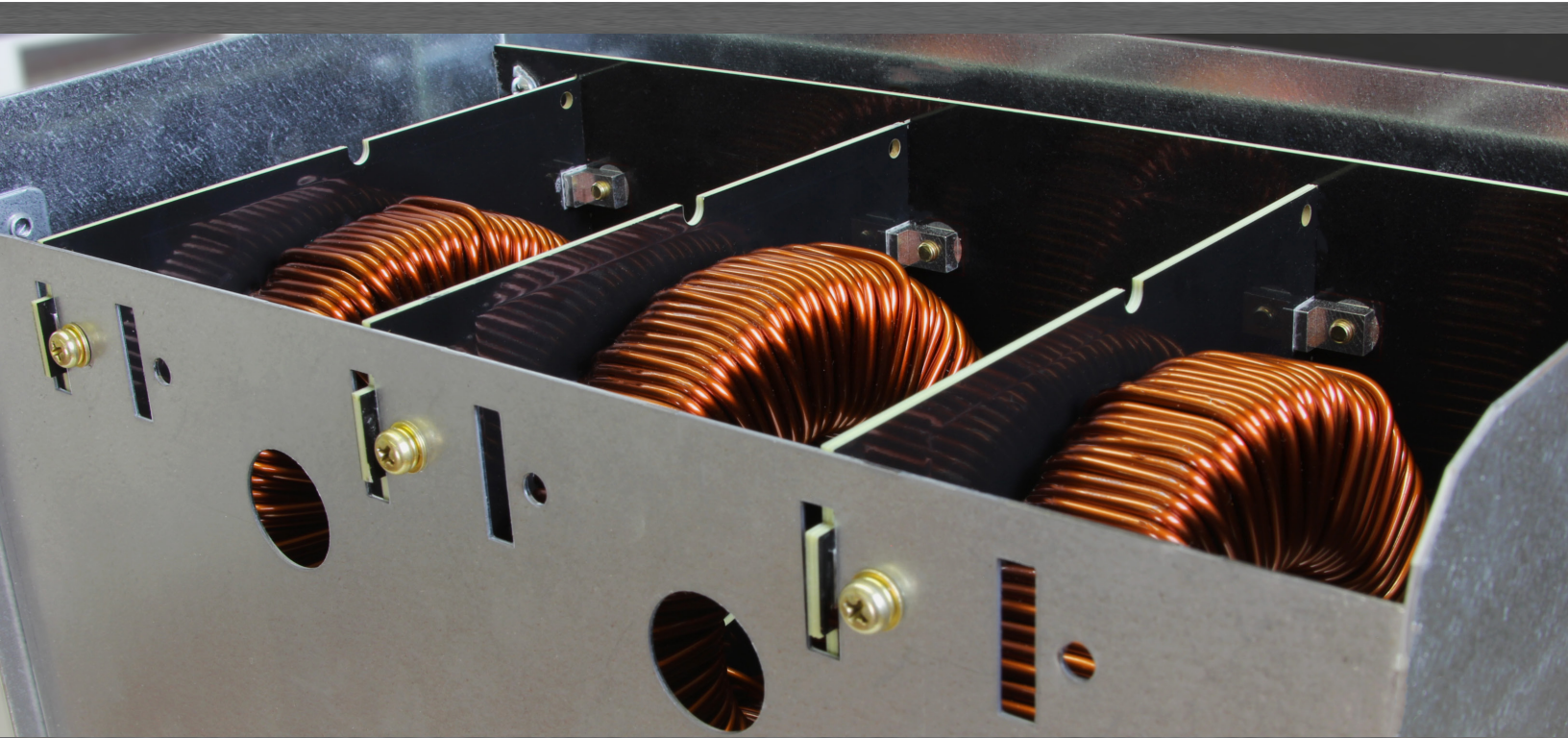




SW SERIES
SINE WAVE OUTPUT FILTERS

PHASE

SW SERIES SINE WAVE OUTPUT FILTERS

						Cross Reference		Mounting Type
Model / Part Number	HP	Max Current	Open Type (0) (H x W x D inches)	NEMA 1 (1) Standard (H x W x D inches)	NEMA 3R (3) Outdoor Enclosure (H x W x D inches)	TCI	MTE	
SW009E	5 HP	9 A	12 x 6 x 13	19 x 15 x 7	19 x 15 x 9.5	MSD0009A	SWGG(M)0009D	Wall Mount
SW013E	7.5 HP	13 A	12 x 6 x 13	19 x 15 x 7	19 x 15 x 9.5	MSD0012A	SWGG(M)0012D	
SW018E	10 HP	18 A	12 x 6 x 13	19 x 15 x 7	19 x 15 x 9.5	-	SWGG(M)0017D	
SW031E	20 HP	31 A	14 x 7.5 x 16	22 x 17 x 8	23 x 17 x 11	MSD0030A	SWGG(M)0027D	
SW045E	30 HP	45 A	14 x 7.5 x 16	22 x 17 x 8	23 x 17 x 11	MSD0045A	SWGG(M)0045D	
SW060E	40 HP	60 A	17 x 7.5 x 18	25 x 20 x 8	26 x 20 x 11	MSD0065A	SWGG(M)0065D	
SW077E	50 HP	77 A	17 x 7.5 x 18	25 x 20 x 8	26 x 20 x 11	MSD0080A	SWGG(M)0080D	
SW090E	60 HP	90 A	18 x 13 x 15	28 x 22 x 20	28 x 20 x 25	-	-	
SW107E	75 HP	107 A	18 x 13 x 15	28 x 22 x 20	28 x 20 x 25	MSD0110A	SWGG(M)0110D	Pad Mount
SW128E	100 HP	128 A	18 x 11 x 13	28 x 22 x 20	28 x 20 x 25	MSD0130A	SWGG(M)0130D	
SW160E	125 HP	160 A	17 x 11 x 16	28 x 20 x 27	28 x 29 x 20	MSD0160A	SWGG(M)0160D	
SW200E	150 HP	200 A	17 x 11 x 16	28 x 20 x 27	28 x 29 x 20	MSD0200A	SWGG(M)0200D	
SW250E	200 HP	250 A	17 x 11 x 16	28 x 20 x 27	28 x 29 x 20	MSD0250A	SWGG(M)0250D	
SW362E	300 HP	362 A	-	32 x 26 x 46	32 x 51 x 26	MSD0362A	SWGG(M)0365D	
SW480E	400 HP	480A	-	32 x 26 x 46	32 x 51 x 26	MSD0480A	SWGG(M)0515D	

Phase Technologies **SW** SERIES output filters are designed with distributed gap alloy powder cores resulting in superior peak voltage reduction, lower core losses, higher temperature stability, and a more compact product envelope.

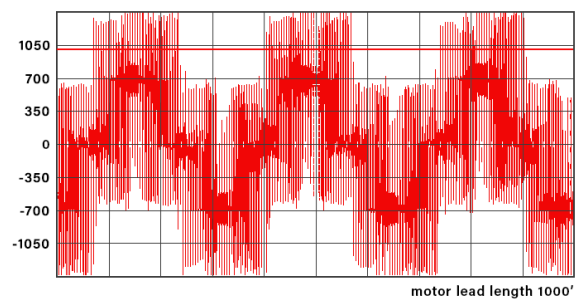
Specifications

Maximum System Frequency:	500 Hz
Maximum System Voltage:	≤ 480 VAC, 3-phase
Switching Frequency:	≥ 4.0 kHz SW009-107 ≥ 3.0 kHz SW128-250 ≥ 2.5 kHz SW362-480
Product Efficiency:	≥ 98%
Insertions Losses:	≤ 3.8% at 60 Hz ≤ 5.7% at 90 Hz
Operating Temperature:	20 °C to 40 °C (-4 °F to 104 °F)

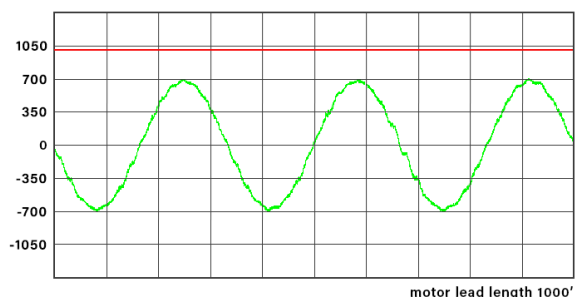
Advantages

- Extends the life of a motor, bearings, and cable
- Superior sinusoidal wave form
- Distributed gap alloy powder core
- Rugged compact design
- Manufactured, assembled, and tested in the U.S.
- Standard One Year Warranty

Standard VFD Output



VFD Output with Sine Wave Filter



Scan to access the
SW SERIES User Manual

