



**DX** SERIES  
VARIABLE FREQUENCY DRIVE

Six Pulse • Three-Phase  
Phase Converting





# THREE-PHASE

## Performance & Power

### Three-Phase Six Pulse VFDs

- Quick & easy installation and setup

### PERFECT PRESSURE™

- Setup constant pressure in minutes
- Large backlit graphic display with intuitive menus
- Messages in clear English

### Industry Best Lead Times

- 3-10 Business Days

### Fully Featured Drive

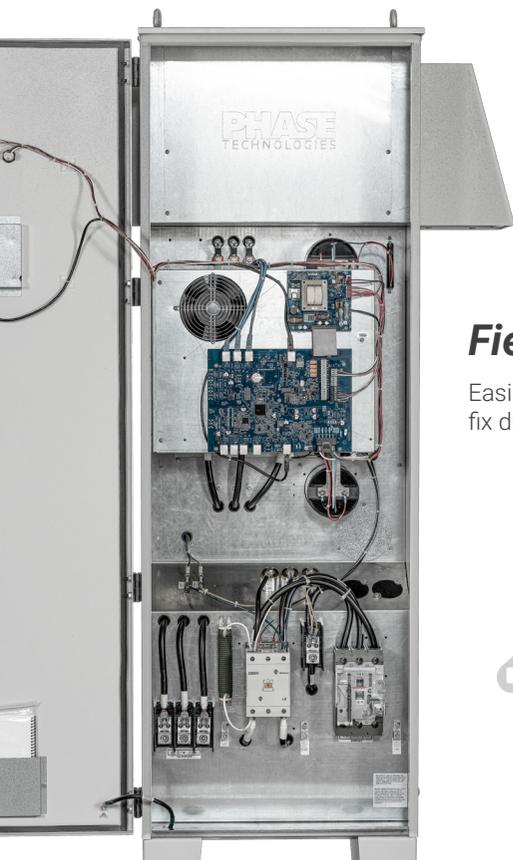
- Advanced motor protection & PID control

### Sinewave Filter Integration

- Minimize excessive voltage spikes

### Superior Heat Rejection

- Unique design maximizing component life and minimizing downtime



## Field Serviceable

Easily troubleshoot and fix drives in the field



## Expanded Enclosure Options



### ENTERPRISE

5 HP to 50 HP

Phase Technologies' most value driven product to date.

- Compact Design
- Best Value
- Shortest Lead Times (3-5 business days)



### SIGNATURE

20 HP to 200 HP

Signature enclosures offer rugged performance & excellence in quality.

- Slim & Light Design
- Lower Cost
- Shorter Lead Times (3-7 business days)

Phase converting models now available:  
20 HP to 75 HP



### PERFORMANCE

20 HP to 500 HP

The Performance enclosures offer a large sub-panel with ample space for a multitude of integrated options

- Rugged
- Spacious
- Simple Equipment Integration
- Lead Times (5-10 business days)

# Sinewave Filters

Most output filters are ineffective at lead lengths beyond 700 ft. Phase Technologies has solved this costly problem by manufacturing sinewave filters in-house.

This solution brings the cost within 5-10% of a dV/dt filter. Sinewave filters are now the easy choice for nearly all submersible applications.



(Photo below: Phase Technologies' sinewave filter installed in a Signature enclosure)



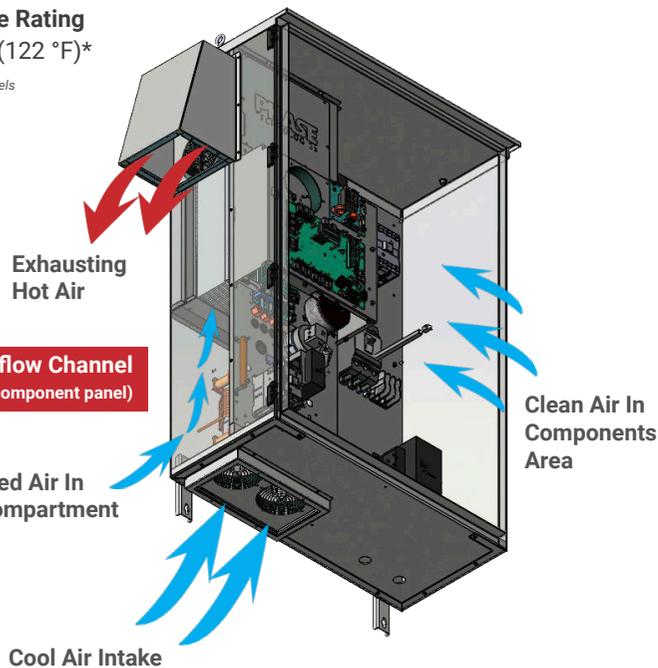
# Superior Heat Rejection

Indirect Cooling

Our innovative cooling design utilizes outside air in a separate compartment segregated from sensitive electronics. It eliminates the risk of contaminated air entering the electronics areas and ultimately prolongs the life and improves the efficiency of internal components.

**Temperature Rating**  
Up to 50 °C (122 °F)\*

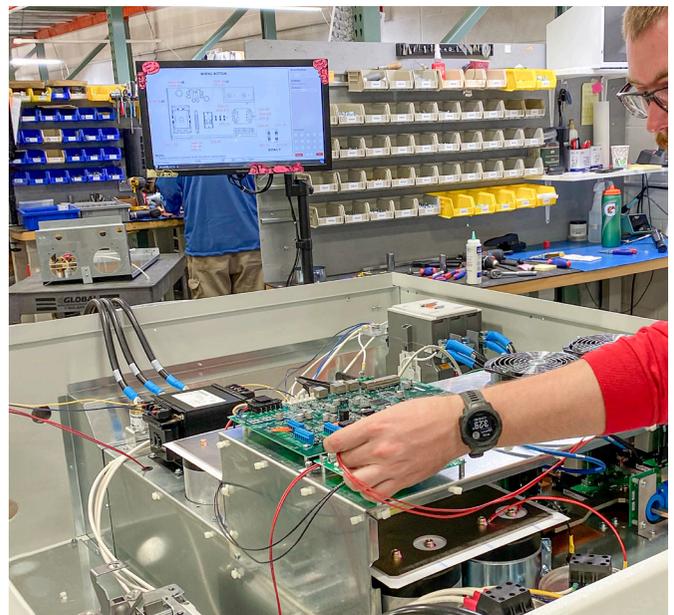
\*Applies to most models



# 508A Panel Shop Options

**NEW!**

- Two Contactor System Bypass
- Input Reactor - 3%
- MCCB Service Disconnect
- HOA Switch
- Speed Potentiometer
- Sinewave Filter
- dV/dt Filter
- Strikesorb® Surge Protection
- ProTec® Surge Protection
- Standard Wall Mount  
(Optional Pad Mount Kit)



**American Made & Built To Last**

Standard Lead Time: 3-10 Business Days

Horsepower	Available Enclosures E   S   P	Rated Voltage Input   Output	Rated Current Input   Output	Weight (lbs.)* E   S   P
5 HP	E	240 V   240 V	18 A	95 lbs
		480 V   480 V	9 A	95 lbs
7.5 HP	E	240 V   240 V	24 A	100 lbs
		480 V   480 V	13 A	95 lbs
10 HP	E	240 V   240 V	31 A	125 lbs
		480 V   480 V	18 A	95 lbs
15 HP	E	240 V   240 V	46 A	130 lbs
		480 V   480 V	24 A	100 lbs
20 HP	E   S   P	240 V   240 V	61 A	135 lbs
		480 V   480 V	31 A	125 lbs   200 lbs   420 lbs
25 HP	E	240 V   240 V	75 A	155 lbs
		480 V   480 V	38 A	130 lbs
30 HP	E	240 V   240 V	91 A	170 lbs
		480 V   480 V	46 A	130 lbs   200 lbs   445 lbs
40 HP	E   S   P	480 V   480 V	61 A	135 lbs   215 lbs   450 lbs
50 HP	E   S   P	480 V   480 V	77 A	160 lbs   220 lbs   455 lbs
60 HP	S   P	480 V   480 V	91 A	345 lbs   605 lbs
70 HP	S   P	480 V   480 V	107 A	350 lbs   615 lbs
100 HP	S   P	480 V   480 V	142 A	360 lbs   635 lbs
125 HP	S   P	480 V   480 V	172 A	440 lbs   800 lbs
150 HP	S   P	480 V   480 V	198 A	450 lbs   805 lbs
200 HP	S   P	480 V   480 V	250 A	500 lbs   910 lbs
250 HP	P	480 V   480 V	304 A	925 lbs
300 HP	P	480 V   480 V	362 A	930 lbs
350 HP	P	480 V   480 V	415 A	1,100 lbs
400 HP	P	480 V   480 V	478 A	1,240 lbs
450 HP	P	480 V   480 V	515 A	1,290 lbs
500 HP	P	480 V   480 V	590 A	1,325 lbs

**Enclosure Options**    **E** = Enterprise **NEW!** - Compact & versatile enclosure    **S** = Signature Slimmer & lighter enclosure    **P** = Performance Full-size enclosure & room for integration

\*Weights are approximate and vary based on the VFD configuration



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