

PHASE CONVERTING | 115 V & 230 V | CONSTANT PRESSURE VFD
NEMA 3R OUTDOOR ENCLOSURE | 2-5 HP



ALPHA DRIVE



Long Lasting
Durability



Simple
Constant
Pressure Setup



Simple
Installation



Easy Setup
Wizards

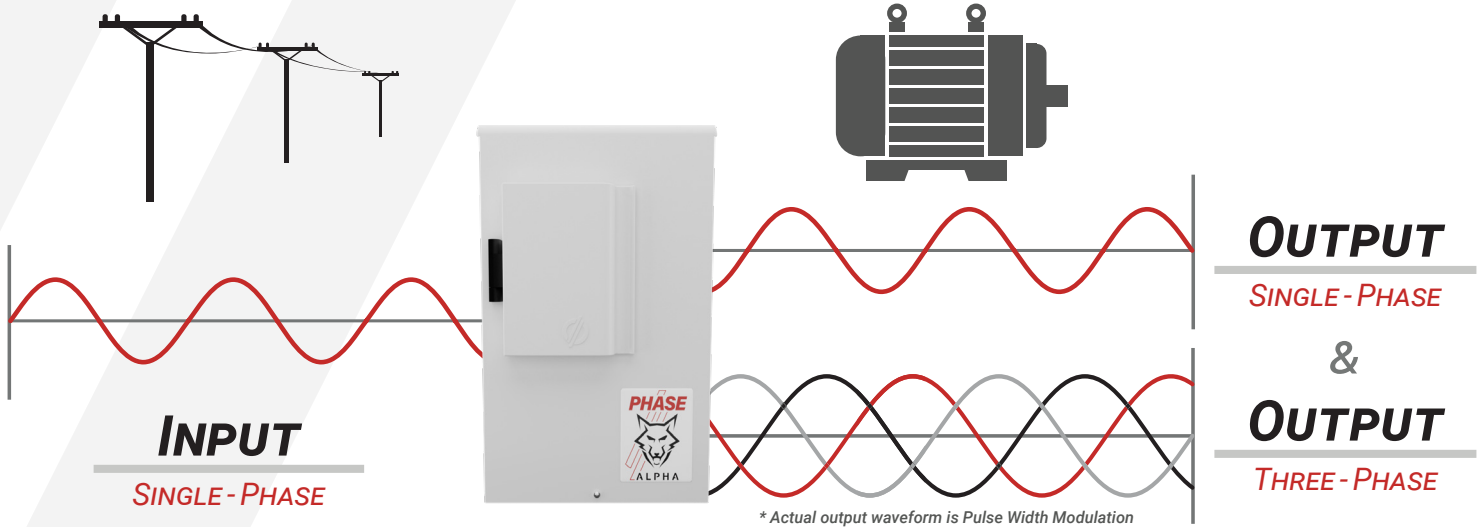


NEMA 3R
(Outdoor Enclosure)

Phase Conversion

Single-Phase to Three-Phase

Convert single-phase power to three-phase power while utilizing advanced motor control capabilities and efficiencies.

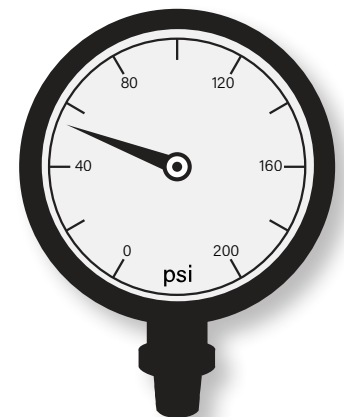


Perfect Pressure™

Easy Setup Wizard

The Perfect Pressure™ Easy Setup Wizard is a user-friendly tool integrated into our VFDs to simplify the configuration of constant water pressure systems. Upon initial startup, the wizard guides users through a series of prompts to establish the desired pressure settings. This streamlined process allows for quick and efficient setup, often requiring only a few minutes to complete.

- ▶ Setup Constant Pressure in Minutes
- ▶ Identical Keypad & Setup Across All Models
- ▶ Large Backlit Display with Intuitive Menus
- ▶ Simple Messages in Clear English



Product Specifications

	Model / Part Number	HP	Input Voltage	Motor Type	Rated Current (Input)	Rated Current (Output)
115 V / 230 V	AD002R	0.5 - 2 HP	96 V - 275 V	1 & 3-Phase	20 A	9 A
	AD003R	0.5 - 3 HP	96 V - 275 V	1 & 3-Phase	30 A	12 A
	AD005R	0.5 - 5 HP	96 V - 275 V	1 & 3-Phase	47 A	20 A

Durability & Improved Engineering

The Alpha Drive is a rugged, high-performance variable frequency drive built for long-lasting durability and superior efficiency. Designed to reset the industry standard in residential VFDs, the Alpha Drive will feature:

- ▶ **55°C (131°F) Temperature Rating**
- ▶ **2x Overload Capacity Compared to Our Competition**
- ▶ **2x Input Transient Voltage Rating Compared to the Competition**
 - Handles Over 1,200 Volts of Transient Peak-to-Peak Voltage
- ▶ **Standard EMI Choke Included**
 - Reduces Light Flickering and Interference with Other Electronics
- ▶ **Standard Output Reactor Included**
 - Designed for Running Single-Phase Motors

Consumer Confidence Warranty

Phase Technologies backs the Alpha Drive with a **three-year warranty**, including **one-year no-questions-asked**, ensuring reliability and hassle-free support for ultimate peace of mind.

Updated Keypad

Our easy-to-use keypad has simple buttons that make it quick to navigate settings for a straightforward Alpha Drive setup. Enjoy enhanced durability, a superior feel, and improved responsiveness with our new silicone keypad.

