



# HCP Variable Frequency Drive

## MOTOR CONTROL SYSTEMS FOR 208-230/460 VAC PUMPS



**1 YEAR WARRANTY**



### ENHANCED PUMP CONTROL WITH SIMPLE INSTALLATION.

Compatible with Hayward® HCP Series and a variety of other 208-230/460 VAC commercial pool pumps, the easy-to-install HCP Series Variable Frequency Drive (VFD) provides a budget-friendly solution for more accurate and efficient pump control in new or existing recreational water facilities. The HCP Series VFD delivers all the benefits of a variable-speed pump—including substantial energy savings, improved system efficiency, optimized performance, extended equipment life and reduced noise levels—without the hassle of needing to replace existing single-speed pumps.



#### **SUBSTANTIAL ENERGY SAVINGS**

With the ability to adjust pump motor RPMs to match any commercial pool's optimal flow rate, the VFD greatly increases the efficiency of existing pumps—resulting in major energy savings from one season to the next.



#### **IMPROVED SYSTEM EFFICIENCY**

An innovative system-matching capability provides seamless integration with Hayward HCP Series pumps—and most other competitive pumps—for greater than 98% drive efficiency.



#### **EXTENDED EQUIPMENT LIFE**

VFD reduces the amount of stress placed on pumps, extending existing equipment life and reducing the need for maintenance. Mountable with direct wiring to the pump power supply, it makes installation effortless, too.



**Built-in software** measures and displays run hours and kWh meters

**Standard NEMA 4X enclosure** protects the drive from the outdoor elements

**System matching** provides compatibility and seamless integration with Hayward® HCP Series pumps and most other competitive pumps\*

**OLED multi-language display** and touchscreen provide intuitive navigation between menu options

**Adjustable pump motor RPMs** match the necessary flow rate for various pool sizes

**Quick, easy installation** doesn't require a manufacturer drive specialist

### HAYWARD HCP SERIES COMPATIBLE PUMPS\*\*

VFD includes 2-year extended warranty when purchased with a qualifying commercial pump.



HCP 2000 SERIES



HCP 3000 SERIES



HCP 4000 SERIES

## SPECIFICATIONS

PART NUMBER	DESCRIPTION
HCPVFD1400413P	2.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD2201051P	2.0/3.0HP, 1-Phase 208 - 230V Input, 3-Phase 208-230V output — NEMA4X — IP66***
HCPVFD2201053P	2.0/3.0HP, 3-Phase 208-230V input/output — NEMA4X — IP66
HCPVFD2400583P	3.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD2400953P	5.5HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD3201531P	5.5HP, 1-Phase 208-230V Input, 3-Phase 208-230V output — NEMA4X — IP66***
HCPVFD3201803P	5.5HP, 3-Phase 208-230V input/output — NEMA4X — IP66
HCPVFD3202403P	7.5HP, 3-Phase 208-230V input/output — NEMA4X — IP66
HCPVFD3401403P	7.5/10.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD3401803P	12.5HP, 3-Phase 460V input/output — NEMA4X - IP66
HCPVFD3402403P	15.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD4203003P	10.0HP, 3-Phase 208-230V input/output — NEMA4X — IP66
HCPVFD4204603P	12.5/15.0HP, 3-Phase 208-230V input/output — NEMA4X — IP66
HCPVFD421501P	7.5HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***
HCPVFD4403003P	20.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD4403903P	25.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD4404603P	30.0HP, 3-Phase 460V input/output — NEMA4X — IP66
HCPVFD520201P	10.0HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***
HCPVFD620301P	15.0HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***
HCPVFD620401P	20.0HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***
HCPVFD620501P	25.0HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***
HCPVFD620601P	30.0HP, 1-Phase 230V input, 3-Phase 230V output — NEMA12 — IP55***

\*Contact your local Hayward representative for details on compatible competitive pumps

\*\*Only applies to single-speed and 3-phase models

\*\*\* Phase-Transforming External VFD

» [haywardcommercialpool.com](http://haywardcommercialpool.com) » 1-800-657-2287

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