HAYWARD®
COMMERCIAL AQUATICS

HCP Variable Frequency Drive

Motor Control Systems for 208-230/460 Vac Pumps

SINGLE & THREE PHASE OPTIONS

CONTROL MADE EASY.

Enhanced pump control with simple installation.

Compatible with Hayward HCP Series and a variety of other 208-230/460 VAC three phase 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.

1 YEAR WARRANTY

SUBSTANTIAL ENERGY SAVINGS

With the ability to adjust pump motor RPMs to match any commercial pool's design 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.

SIMPLE TO INSTALL & OPERATE

Our VFDs offer effortless installation and intuitive programming tailored for commercial pool pumps, distinguishing them from competitors, eliminating the need for onsite manufacturer support at the time of install, saving time and costs.

- » **Increases pump efficiency** for energy savings up to 50%
- » **Adjustable pump motor speed** matches the necessary flow rate for various pool sizes
- » **NEMA 4X and NEMA 12 Rated Enclosure Options Available** protects the drive from the outdoor elements
- » **OLED multi-language display** and touch screen provide intuitive navigation between menu options
- » **Built-in software** measures and displays run hours and kWh meters
- » **Mountable** with direct wiring to pump power supply for fast, effortless installation
- » **Delivers greater than 98% efficiency,** saving energy and money
- » **Quick, easy installation** doesn't require a manufacturer drive specialist

HAYWARD HCP SERIES COMPATIBLE PUMPS*

VFD includes 3-year extended warranty when purchased with a qualifying commercial pump

HCP 2000 SERIES

HCP 3000 SERIES

HCP 4000 SERIES

SPECIFICATIONS

	PART NUMBER	DRIVE ENCLOSURE RATING	PUMP	VOLTAGE	INPUT φ	OUTPUT φ	PUMP AMPS	DRIVE AMPS	BREAKER SIZE	WIRE SIZE 75° COPPER
208/230V 1 Φ TO 3 Φ	HCPVFD2201051P	NEMA4X	2/3	208/240	1	3	8.7/9.2	10.5	25	12
	HCPVFD3201531P	NEMA4X	5.5	208/240	1	3	14.6	10.5	40	8
	HCPVFD421501P	NEMA12	7.5	208/240	1	3	26	15	40	8
	HCPVFD520201P	NEMA12	10	208/240	1	3	33	46	60	6
	HCPVFD520251P	NEMA12	12.5	208/240	1	3	48	61	70	4
	HCPVFD620301P	NEMA12	15	208/240	1	3	54	90	70	4
	HCPVFD620401P	NEMA12	20	208/240	1	3	68	110	100	3
	HCPVFD620501P	NEMA12	25	208/240	1	3	54	150	100	3
	HCPVFD620601P	NEMA12	30	208/240	1	3	80	180	100	3
208/230V 3 Φ to 3 Φ	HCPVFD2201053P	NEMA4X	2/3	208/240	3	3	7.8/9.2	10.5	15/17.5	14
	HCPVFD3201803P	NEMA4X	5.5	208/240	3	3	14.6	18	30	10
	HCPVFD3202403P	NEMA4X	7.5	208/240	3	3	21	24	35	10
	HCPVFD4203003P	NEMA4X	10	208/240	3	3	26.1	30	45	8
	HCPVFD4204603P	NEMA4X	12.5/15	208/240	3	3	31.6/46	46	70	4
	HCPVFD520201P	NEMA12	20	208/240	3	3	33	46	60	6
	HCPVFD520251P	NEMA12	25	208/240	3	3	48	61	70	4
	HCPVFD620301P	NEMA12	30	208/240	3	3	54	90	70	4
460V 3Φ to 460V 3Φ	HCPVFD620401P	NEMA12	40	208/240	3	3	68	110	100	3
	HCPVFD620501P	NEMA12	50	208/240	3	3	54	150	100	3
	HCPVFD620601P	NEMA12	60	208/240	3	3	80	180	100	3
	HCPVFD1400413P	NEMA4X	2	460	3	3	4.1	5.25	10	14
	HCPVFD2400583P	NEMA4X	3	460	3	3	5.8	7.8	10	14
	HCPVFD2400953P	NEMA4X	5.5	460	3	3	7.3	9.5	15	14
	HCPVFD3401403P	NEMA4X	7.5 / 10	460	3	3	10.5/13.5	14	25	12
	HCPVFD3401803P	NEMA4X	12.5	460	3	3	15.8	18	30	10
	HCPVFD3402403P	NEMA4X	15	460	3	3	24	24	35	10
	HCPVFD4403003P	NEMA4X	20	460	3	3	30	30	45	8
	HCPVFD4403903P	NEMA4X	25	460	3	3	39	39	60	6
	HCPVFD4404603P	NEMA4X	30	460	3	3	46	46	70	4

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

Hayward, Hayward & Design and the H logo are registered trademarks of Hayward Industries, Inc. All other trademarks not owned by Hayward are the property of their respective owners. Hayward is not in any way affiliated with or endorsed by those third parties. © 2024 Hayward Industries, Inc.

CMHCPVFD24

INNOVATION MADE EASY.