

HCP 3000 Series

3-INCH CLASS SINGLE AND THREE-PHASE PUMPS



HYDRAULIC EFFICIENCY MADE EASY.

Efficient hydraulics with outstanding value.

HCP 3000 Series pumps are raising the bar for commercial pump capabilities, setting a new flow rate standard for the 3" union class. With a wide selection of power options available in single- and 3-phase specification, as well as a variable-speed model, they're the most efficient solution for a variety of pools.



3" ANSI Standard flanged connection allows strainer basket to be removed and mounted remotely



Digital control interface can be rotated on the pump or detached and wall-mounted for convenient access and viewing. (VS model only)



VARIABLE-SPEED MODEL

Variable Frequency Drive Compatibility: The 3-Phase HCP 3000 Series Pump Models are compatible with single-phase 208-230V and three-phase 208-230V/460V VFDs. HCP 3000 pumps with VFDs optimize operations, delivering energy savings, extended life, and enhanced performance.



UNPARALLELED PERFORMANCE

HCP 3000 Series pumps are the first 3-inch pumps to achieve hydraulic performance of more than 250 gallons per minute at 60 feet of head (7 HP model), saving more energy than any comparable pump on the market.



LONGER LIFE AND LOWER MAINTENANCE

TEFC motors in all models, in addition to a chemical-resistant Viton seal, ensure less wear-and-tear and minimize potential down time. Oversized strainer baskets reduce daily cleaning and maintenance.



SIMPLE, VERSATILE INSTALLATION

The wide variety of power options and the detachable, modular strainer basket enable HCP 3000 Series pumps to deliver unmatched versatility, allowing for simple drop-in installation in virtually any pool application.



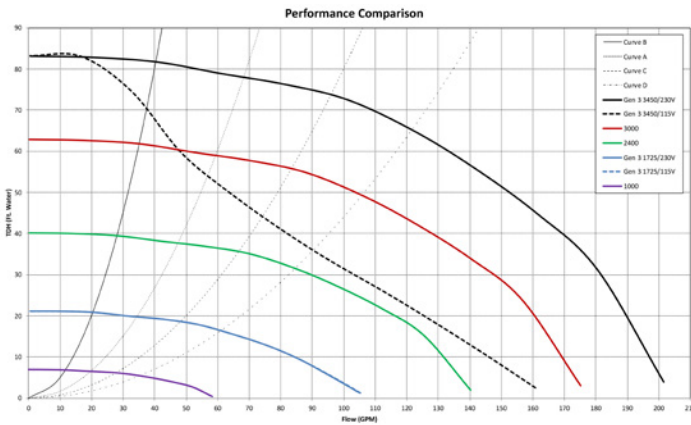
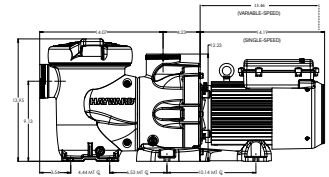
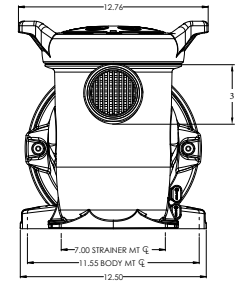
TECHNICAL SPECIFICATIONS

PART NUMBER	RATED HORSEPOWER	VOLTAGE	RATED CURRENT (AMPS)	HERTZ	WEIGHTED ENERGY FACTOR (WEF)	CARTON QTY	CARTON WEIGHT (LBS.)
HCP3020VSP	2.7	230V Single Phase, Variable Speed	10.2/12.2	60	7.2/9.9	1	75.0
HCP30501	5.0	208-230V Single Phase, Single Speed	21.0-20.0	60	2.0	1	102.0
HCP30203	2.0	208-230/460V 3-Phase, Single Speed	6.1-6.0/3.0	50/60	2.4	1	91.0
HCP30303	3.0	208-230/460V 3-Phase, Single Speed	9.2-9.0/4.5	50/60	2.3	1	96.0
HCP30503	5.0	208-230/460V 3-Phase, Single Speed	13.6-13.2/6.6	50/60	2.1	1	102.0
HCP30703	7.0	230/460V 3-Phase, Single Speed	19.8-17.2/8.6	50/60	1.6	1	107.0

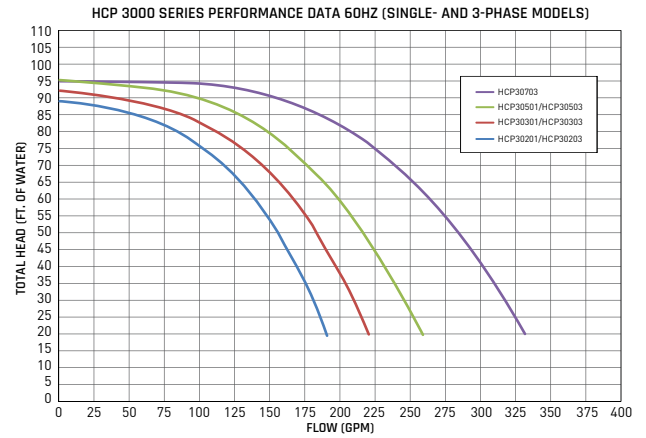
SPECIFICATIONS

PART NUMBER				PUMP OUTPUT (GPM) VS. TOTAL RESISTANCE TO FLOW (PER FT OF HEAD)							
MODEL	HP	PH		40	45	50	55	60	65	70	75
HCP30203	2	3		170	163	156	145	140	130	120	102
HCP30303	3	3		198	285	185	180	166	155	145	130
HCP30501/HCP30503	5	1&3		232	225	217	210	200	185	179	163
HCP30703	7	3		303	290	285	275	265	250	240	225
HCP3020VSP	RPM	HP	PH	40	45	50	55	60	65	70	75
	3450 RPM	2.7	1	168	162	152	145	134	125	110	90
	3200 RPM			148	140	130	120	108	90	46	n/a
	3000 RPM			133	122	110	93	75	n/a	n/a	n/a
	2800 RPM			112	98	80	30	n/a	n/a	n/a	n/a
	2600 RPM			85	65	n/a	n/a	n/a	n/a	n/a	n/a
2400 RPM	21			n/a	n/a	n/a	n/a	n/a	n/a	n/a	

DIMENSIONS



Pump Curves are available for every 100 RPM interval. Please contact your local commercial sales representative for more information.



COMPATIBLE HAYWARD VARIABLE FREQUENCY DRIVES

Pump SKU	Single Phase Input	Three Phase Input	
	208-230V	208/230V	460V
HCP30203	HCPVFD2201051P	HCPVFD2201053P	HCPVFD1400413P
HCP30303	HCPVFD2201051P	HCPVFD2201053P	HCPVFD2400583P
HCP30503	HCPVFD3201531P	HCPVFD3201803P	HCPVFD2400953P
HCP30703	HCPVFD421501P	HCPVFD3202403P	HCPVFD3401403P

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