

HCP 3000 SERIES PUMPS

HCP 3000 Series pumps are game changers in commercial pump performance and versatility. Engineered for durability, they set a new flow rate standard for the 3" union class. A variety of power options from 5HP single- or 3-phase and 7 HP three-phase, and single or variable speed, means you can provide the optimum solution for a wide range of pools, delivering maximum performance without compromising efficiency.



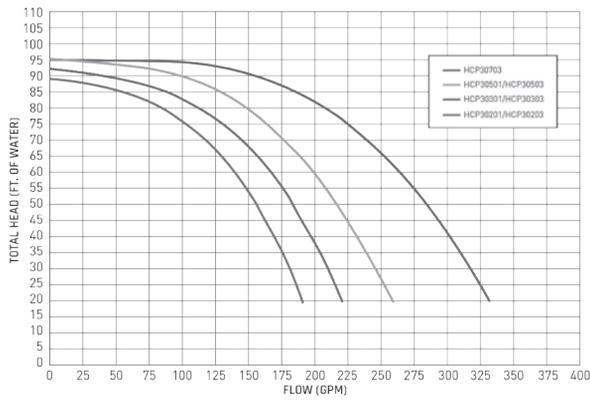
- » **Suitable for** virtually any small- to mid-sized commercial pool
- » **First 3" pumps to achieve hydraulic performance** of more than 250 gallons per minute at 60' of head [7 HP model], saving more energy than any comparable pump on the market
- » **Modern totally enclosed fan-cooled (TEFC) motors** in all models provide a higher level of reliability
- » **Chemical-resistant Viton® seal** for long-term durability
- » **Removable, oversized strainer basket** reduces daily cleaning and maintenance and can be remotely mounted for increased versatility
- » **2.5" x 3" union connections** for simple, drop-in replacement in almost any application
- » **2.7 HP variable-speed** version available
- » **Available in single- or 3-phase**
- » **Ports are compatible with most other equipment brands**
- » **3-year** limited warranty on parts
- » **3-year** limited warranty on all single-speed models*
- » **NSF/ANSI Standard 50 Certified**



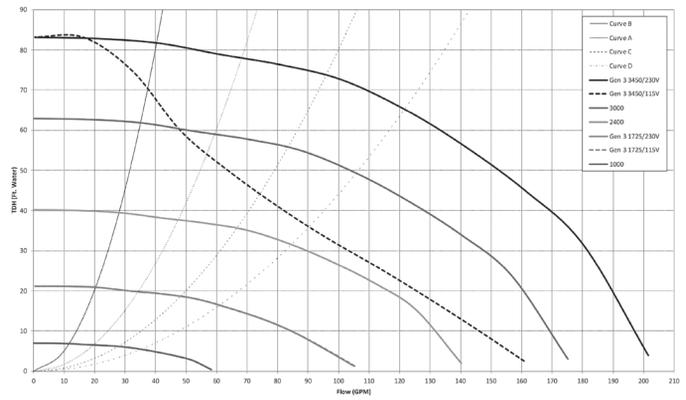
TECHNICAL SPECIFICATIONS

PART NUMBER	RATED HORSEPOWER	VOLTAGE	RATED CURRENT (AMPS)	HZ	WEIGHTED ENERGY FACTOR (WEF)	CTN. QTY.	CTN. WT. (LBS.)
HCP3020VSP	2.7	230/115V 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

HCP 3000 SERIES PERFORMANCE DATA 60HZ
(SINGLE- AND 3-PHASE MODELS)



HCP3020VSP PERFORMANCE DATA



PUMP OUTPUT (GPM) VS. TOTAL RESISTANCE TO FLOW (PER FT OF HEAD)

PART NUMBER			40	50	60	70	80	90
SINGLE PHASE	3-PHASE	HP	FLOW RATE (GPM)					
—	HCP30203	2.0	170	156	140	120	85	—
—	HCP30303	3.0	198	185	166	145	115	40
HCP30501	HCP30503	5.0	232	217	200	179	150	100
—	HCP30703	7.0	303	285	265	240	210	155

PUMP OUTPUT (GPM) VS. TOTAL RESISTANCE TO FLOW (PER FT OF HEAD)

PART NUMBER		RPM	30	40	50	60	70	80	90
			FLOW RATE (GPM)						
		3450	182	170	151	133	109	51	40
HCP3020VSP		3000	160	128	104	49	—	—	—
		2400	90	21	—	—	—	—	—

DIMENSIONS

