

# PRAKASH

Quality, Reliability, Life

## Clean Water Pump



[www.prakashpump.com](http://www.prakashpump.com)

# Clean Water Pump

## Applications

- House hold water supply
- Garden watering
- Pressure boosting system
- Agriculture
- Irrigation

## Application Limits

- Water temperature up to 45°C
- PH : 6.5 to 8.5
- The grain diameter of the solid in the water is not bigger than 0.2mm.
- Maximum immersion depth: 5m

## Performance Range

- Capacity : up to 66m<sup>3</sup>/hr
- Head : up to 42m

## Motor Details

- Insulation class : F
- Protection class : IP68
- Continue duty S1
- Power : 0.75kW-1.5kW
- Power supply : Single phase 220v±10%,50Hz
- Cable Length: 8m
- Cable with float switch

## Feature and Benefits

- Light weight, compact design for easy transport and positioning of pump.
- Built-in thermal protection prevent motor from overloading, overheating.
- Chrome plated shaft ensure high corrosion resistant and durability.

## Installation and use

This model of pump is characterized with high heads, compact size, light weight and convenient use and vastly used In high-position water delivery, flush and places as construction sites. The float switch can automatically control on and off with the change of the water level. The protector in the motor can automatically cut off the power when it overheat or over current.

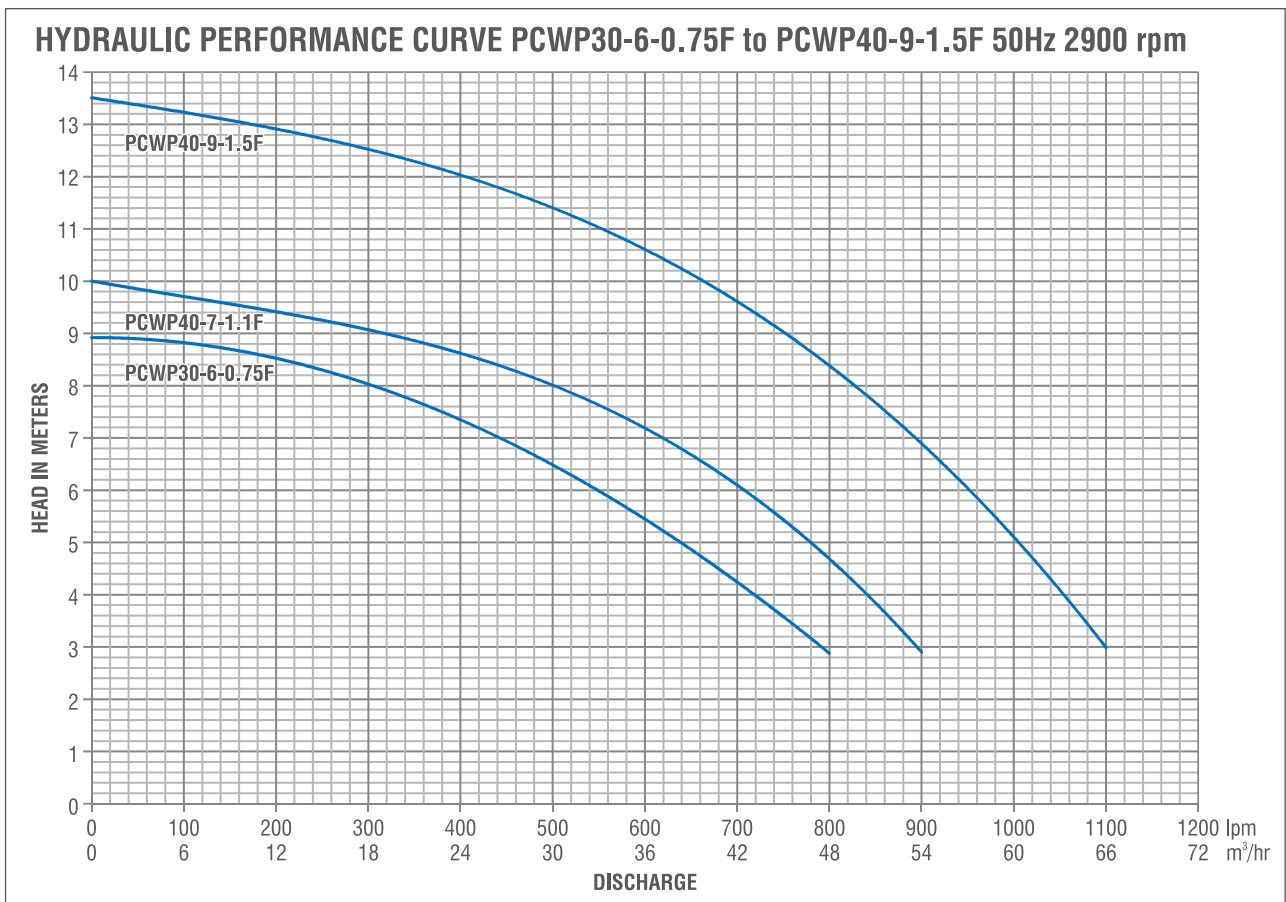
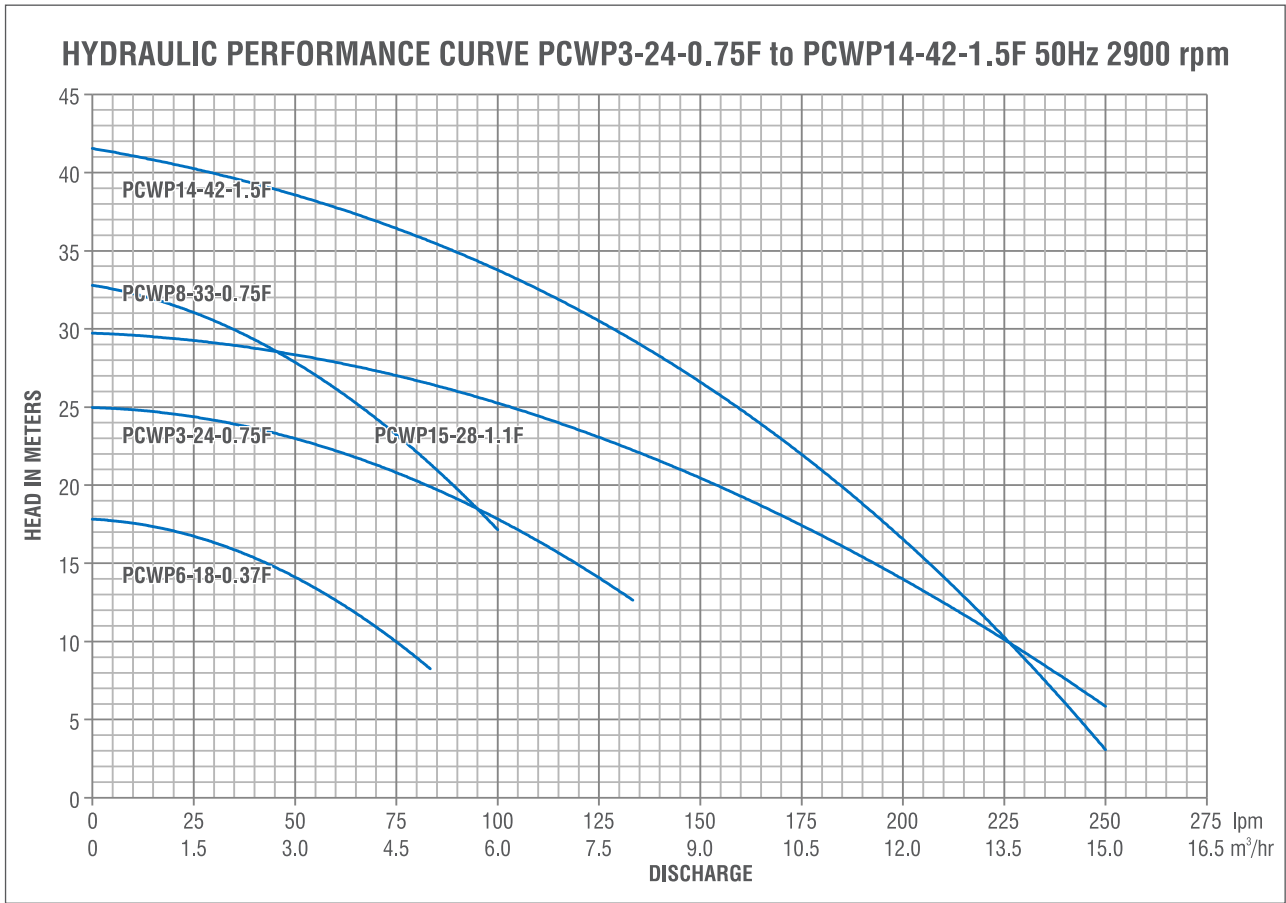
## Pump Selection Chart

Model	Power		Voltage	Outlet (Inch)	Max. Flow (lpm)	Max. Head(m)
	KW	HP				
PCWP3-24-0.75F	0.75	1	220	1"	133	25
PCWP6-18-0.37F	0.37	0.5		1"	100	18
PCWP8-33-0.75F	0.75	1		1"	117	33
PCWP15-28-1.1F	1.1	1.5		2"	250	30
PCWP14-42-1.5F	1.5	2		2"	250	42
PCWP30-6-0.75F	0.75	1		2.5"	800	9
PCWP40-7-1.1F	1.1	1.5		3"	900	10
PCWP40-9-1.5F	1.5	2		3"	1100	13.5

## Pump Performance Chart

Model	Power		Q	US GPM	0	4	9	13	18	22	26	31	35	40	44	
	KW	HP		M <sup>3</sup> /H	0	1	2	3	4	5	6	7	8	9	10	
				LPM	0	17	33	50	67	83	100	117	133	150	167	
PCWP3-24-0.75F	0.75	1	H (m)	25	24.5	24	23	22	20	17.5	15	13				
PCWP6-18-0.37F	0.37	0.5		18	17	16	14	12	8							
PCWP8-33-0.75F	0.75	1		33	31.5	30	28	25	21.5	17						
Model	Power		Q	US GPM	0	7	13	20	26	33	40	46	53	59	66	
	KW	HP		M <sup>3</sup> /H	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	
				LPM	0	25	50	75	100	125	150	175	200	225	250	
PCWP15-28-1.1F	1.1	1.5	H (m)	30	29	28	27	25.5	23.5	20.5	17	14	10	6		
PCWP14-42-1.5F	1.5	2		42	40	38	36	34	31	27.5	22	16	9	4		
Model	Power		Q	US GPM	0	26	53	79	106	132	159	185	211	238	264	291
	KW	HP		M <sup>3</sup> /H	0	6.0	12	18.0	24	30.0	36	42.0	48	54.0	60	66
				LPM	0	100	200	300	400	500	600	700	800	900	1000	1100
PCWP30-6-0.75F	0.75	1	H (m)	9	8.7	8.5	8	7.5	6.5	5.5	4	3				
PCWP40-7-1.1F	1.1	1.5		10	9.7	9.5	9	8.5	8	7.5	6	4.5	3			
PCWP40-9-1.5F	1.5	2		13.5	13.2	13	12.5	12	11.5	10.5	9.5	8.5	7	5	3	

## Performance Curve





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