



Part No.	Description	HP
<b>Full Rated Pumps</b>		
PHPF.50	PlusHP High Head Pump, 230/115VAC	.50 HP
PHPF.75	PlusHP High Head Pump, 230/115VAC	.75 HP
PHPF1.0	PlusHP High Head Pump, 230/115VAC	1.0 HP
PHPF1.5	PlusHP High Head Pump, 230/115VAC	1.5 HP
PHPF2.0	PlusHP High Head Pump, 230VAC	2.0 HP

<b>Full Rated, 2 Speed Pumps</b>		
PHPF1.0-2	PlusHP High Head Pump, 230VAC	1.0 HP
PHPF1.5-2	PlusHP High Head Pump, 230VAC	1.5 HP
PHPF2.0-2	PlusHP High Head Pump, 230VAC	2.0 HP

Part No.	Description	HP
<b>Max (Up) Rated Pumps</b>		
PHPM.75	PlusHP High Head Pump, 230/115VAC	.75 HP
PHPM1.0	PlusHP High Head Pump, 230/115VAC	1.0 HP
PHPM1.5	PlusHP High Head Pump, 230/115VAC	1.5 HP
PHPM2.0	PlusHP High Head Pump, 230/115VAC	2.0 HP
PHPM2.5	PlusHP High Head Pump, 230VAC	2.5 HP

<b>Max (Up) Rated, 2 Speed Pumps</b>		
PHPM1.5-2	PlusHP High Head Pump, 230VAC	1.5 HP
PHPM2.0-2	PlusHP High Head Pump, 230VAC	2.0 HP
PHPM2.5-2	PlusHP High Head Pump, 230VAC	2.5 HP

### PlusHP Specifications

<b>Full Rated Pumps</b>						
Model No.	HP	Voltage	Amps	Pipe Size	Carton Weight	Overall Length 'A'
PHPF.50	.50	230/115	5.4/10.8	1½–2"	40.4 lbs.	28¾"
PHPF.75	.75	230/115	7.1/14.2	2–2½"	41.8 lbs.	28¾"
PHPF1.0	1.0	230/115	8.0/16.0	2–2½"	43.3 lbs.	29¼"
PHPF1.5	1.5	230/115	11.2/22.4	2–2½"	54.6 lbs.	30¾"
PHPF2.0	2.0	230	11.5	2–2½"	49.3 lbs.	29"
PHPF1.0-2	1.0	230	7.2/3.0	2–2½"	48.7 lbs.	29¾"
PHPF1.5-2	1.5	230	10.0/3.5	2–2½"	52.9 lbs.	30¼"
PHPF2.0-2	2.0	230	11.0/4.0	2–2½"	62.3 lbs.	29¾"

<b>Maximum (Up) Rated Pumps</b>						
Model No.	HP	Voltage	Amps	Pipe Size	Carton Weight	Overall Length 'A'
PHPM.75	.75	230/115	5.4/10.8	1½–2"	40.4 lbs.	28¾"
PHPM1.0	1.0	230/115	7.1/14.2	2–2½"	41.8 lbs.	28¾"
PHPM1.5	1.5	230/115	8.0/16.0	2–2½"	43.3 lbs.	29¼"
PHPM2.0	2.0	230/115	11.2/22.4	2–2½"	54.6 lbs.	30¾"
PHPM2.5	2.5	230	11.5	2–2½"	49.3 lbs.	29"
PHPM1.5-2	1.5	230	7.2/3.0	2–2½"	48.7 lbs.	29¾"
PHPM2.0-2	2.0	230	10.0/3.5	2–2½"	52.9 lbs.	30¼"
PHPM2.5-2	2.5	230	11.0/4.0	2–2½"	62.3 lbs.	29¾"

**NOTE:** When installing the pump, leave a minimum of 2 feet of clearance above the pump for removal of strainer basket.

## PlusHP Specifications

Recommended Minimum Wire Size (Awg) For PHP Pumps*										
Distance from Sub-Panel		0-50 Feet		50-100 Feet		100-150 Feet		150-200 Feet		
Pump Model	BRANCH FUSE AMPS		VOLTAGE		VOLTAGE		VOLTAGE		VOLTAGE	
	230 VAC	115 VAC	230 VAC	115 VAC	230 VAC	115 VAC	230 VAC	115 VAC	230 VAC	115 VAC
PHPF 0.5HP/PHPM 0.75HP	15A	15A	14	12	12	8	10	6	8	6
PHPF 0.75HP/PHPM 1.0HP	15A	20A	14	10	10	8	8	6	8	4
PHPF 1.0HP/PHPM 1.5HP	15A	20A	12	10	10	6	8	6	6	4
PHPF 1.5HP/PHPM 2.0HP	15A	20A	12	8	8	6	6	4	6	3
PHPF 2.0HP/PHPM 2.5HP	15A	N/A	12	N/A	8	N/A	6	N/A	6	N/A
PHPF 1.0HP-2-SPD (1)	15A	N/A	12	N/A	10	N/A	8	N/A	6	N/A
PHPF 1.5HP-2-SPD (1)	15A	N/A	12	N/A	8	N/A	6	N/A	6	N/A
PHPF 2.0HP-2-SPD (1)	15A	N/A	12	N/A	8	N/A	6	N/A	6	N/A
PHPM 1.5HP-2-SPD (1)	15A	N/A	12	N/A	10	N/A	8	N/A	6	N/A
PHPM 2.0HP-2-SPD (1)	15A	N/A	12	N/A	8	N/A	6	N/A	6	N/A
PHPM 2.5HP-2-SPD (1)	15A	N/A	12	N/A	8	N/A	6	N/A	6	N/A

\*Assumes three (3) copper conductors in a buried conduit and 3% maximum voltage loss in branch circuit. All National Electric Code (NEC) and local codes must be followed. Table shows minimum wire size and branch fuse recommendations for typical installation per NEC.

(1) Two-speed pumps are not rated for use with 208 VAC.

PlusHP Pumps Replacement Motor Guide	
Pump Model	A.O. Smith / Century
<b>PHPF Pumps</b>	
PHPF 0.50	B846
PHPF 0.75	B847
PHPF 1.0	B848
PHPF 1.5	B858
PHPF 2.0	B748
PHPF 1.0-2SPD	B982
PHPF 1.5-2SPD	B983
PHPF 2.0-SPD	B984
<b>PHPM Pumps</b>	
PHPM 0.75	B852
PHPM 1.0	B853
PHPM 1.5	B854
PHPM 2.0	B859
PHPM 2.5	B840
PHPM 1.5-2SPD	B982
PHPM 2.0-2SPD	B983
PHPM 2.5-2SPD	B984

