

# PHCC Pro Series - Effluent/Sump Pump Specifications

<b>S2033-NS</b> 1/3 HP Effluent/Sump Pump PHCC Pro Series	<b>S2050-NS</b> 1/2 HP Effluent/Sump Pump PHCC Pro Series
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## PUMP

Flow @ 0 ft. GPH (0 M.)	4000 GPH	15,142 LPH	4300 GPH	16,277 LPH
Flow @ 0 ft. GPM (0 M.)	66.7 GPM	252.4 LPM	71.6 GPM	271.3 LPM
Flow @ 10 ft. GPH (3 M.)	3200 GPH	12,113 LPH	3840 GPH	14,535 LPH
Flow @ 10 ft. GPM (3 M.)	53.3 GPM	201.9 LPM	64 GPM	242.3 LPM
Flow @ 20 ft. GPH (6.1 M.)	GPH	LPH	GPH	LPH
Flow @ 20 ft. GPM (6.1 M.)	GPH	LPM	GPM	LPM
Max. Head	23 ft.	7.0 M	26 ft.	8.0 M
Max. Diam. Solids	1/2 in.	12.7 mm	1/2 in.	12.7 mm
Pump Discharge	1-1/2" NPT	38 mm	1-1/2" NPT	38 mm
Motor - HP	1/3 HP		1/2 HP	
Motor Type	PSC		PSC	
Voltage	115 VAC, 60 Hz		115 VAC, 60 Hz	
Amps. @ 10 Ft. Total Head	5.0 A		5.5 A	
Speed	3450 RPM		3450 RPM	
Line Cord - Type	18-3 SJTW		18-3 SJTW	
Line Cord - Length	10 ft. (3 M)		10 ft. (3 M)	
Motor Cooling	Oil-cooled		Oil-cooled	
Overheating Protection	Thermal Fused		Thermal Fused	
Operation	Automatic		Automatic	
Duty	Intermittent		Intermittent	
Max. Water Temp.	104° F / 40° C		104° F / 40° C	
Approvals	CSA		CSA	
Warranty	4 Year Limited When Installed by Contractor, Otherwise 3 Year		4 Year Limited When Installed by Contractor, Otherwise 3 Year	

## PUMP CONSTRUCTION

Pump Housing	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Impeller	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Fasteners	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Strainer	Polycarbonate (Removable)	Polycarbonate (Removable)	Polycarbonate (Removable)	Polycarbonate (Removable)
Pump Seals:	(1) - Carbon/Ceramic (1) Buna N	(1) - Carbon/Ceramic (1) Buna N	(1) - Carbon/Ceramic (1) Buna N	(1) - Carbon/Ceramic (1) Buna N
Motor Shaft	Chrome Steel	Chrome Steel	Chrome Steel	Chrome Steel
Bearings	(2) Sealed Perm.-Lubricated Ball Bearings	(2) Sealed Perm.-Lubricated Ball Bearings	(2) Sealed Perm.-Lubricated Ball Bearings	(2) Sealed Perm.-Lubricated Ball Bearings
Color	Blue	Blue	Blue	Blue
Air Relief Valve	Yes - Located near the outlet	Yes - Located near the outlet	Yes - Located near the outlet	Yes - Located near the outlet
Painting Method	Electrostatic	Electrostatic	Electrostatic	Electrostatic

## DIMENSIONS

	English	Metric	English	Metric
Overall Dimensions (WxDxH)	8.5"x6.5"x12"	21.6x16.5x30.4 cm	8.5"x6.5"x12"	21.6x16.5x30.4 cm
Item Wt.	21 lb	9.5 Kg	22 lb	9.9 Kg
Carton Dimensions (WxDxH)	10.25" x 6.5" x 17"	27.3 x 43.2 x 16.5 cm	10.25" x 6.5" x 17"	27.3 x 43.2 x 16.5 cm
Shipping Wt.	22 lb	9.9 Kg	23 lb	10.4 Kg

## FLOAT SWITCH AND CONTROLLER

Float Type	NS (No Switch)	NS (No Switch)	NS (No Switch)	NS (No Switch)
Control Voltage/Current	N/A	N/A	N/A	N/A
Max. Inrush Current	N/A	N/A	N/A	N/A
Switch Cord - Type, Length*	N/A	N/A	N/A	N/A
Controller Cord - Type, Length	N/A	N/A	N/A	N/A

## INCLUDED

Included with System	Pump, Manual	Pump, Manual	Pump, Manual	Pump, Manual
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