



# PHCC Pro Series 1/3 HP Primary Sump Pump Selection



**Good**  
ST1033



**Better**  
S3033



**Best**  
S5033

	<b>Good Pro Series Sump Pump</b>	<b>Better Pro Series Sump Pump</b>	<b>Best Pro Series Sump Pump</b>
<b>Model No.</b>	ST1033	S3033	S5033
<b>Horse Power</b>	1/3 HP	1/3 HP	1/3 HP
<b>Warranty (Years)</b>	1-1/2 Years	3 Years	5 Years
<b>Motor Design</b>	PSC	PSC	PSC
<b>Float Switch</b>	Caged Dual Micro-reed	Caged Dual Micro-reed	Caged Dual Micro-reed
<b>Controller</b>	Yes (DFC-1)	Yes (DFC-2)	Yes (DFC-2)
<b>Monitors Power</b>	No	Yes	Yes
<b>Monitors Pump</b>	No	Yes	Yes
<b>Security System Connection</b>	No	Yes	Yes
<b>Motor / Pump Housing</b>	Cast Iron / Cast Aluminum	Cast Iron / Stainless Steel	Cast Iron
<b>Duty Cycle Rating</b>	Continuous	Continuous	Continuous
<b>Bearings</b>	Upper & Lower Ball Bearings	Upper & Lower Ball Bearings	Upper & Lower Ball Bearings
<b>Shaft Material</b>	Stainless Steel	Stainless Steel	Stainless Steel
<b>GPH at 10 ft.</b>	2,770	3,000	3,540
<b>Max. Head ( ft. )</b>	31	30	26
<b>Motor Cooling</b>	Water Cooled	Water Cooled	Water Cooled
<b>Impeller</b>	Engineered Polymer	Fiber Polycarbonate	Cast Iron Dynamically-Balanced
<b>Pump Discharge</b>	1-1/2" NPT	1-1/2" NPT	1-1/2" NPT
<b>Gallons per Watt Hour (G/Wh)* @ 0 ft. / 10 ft.</b>	9.2 / 6.1	7.1 / 6.3	8.5 / 7.4
<b>Cord Length</b>	10 ft.	10 ft.	20 ft.
<b>Amp Draw at 10 ft.</b>	3.8	4.0	4.0
<b>Pump Dimensions</b>			
<b>Weight</b>	17 lbs.	20 lbs.	33 lbs.
<b>Height</b>	13.75"	13"	14"
<b>Diameter</b>	7.5"	7.875"	8.75"
<b>Shaft Seal Materials</b>	2 x Carbon / Ceramic & 1 Buna N	2 x Carbon / Ceramic & 1 Buna N	2 x Carbon/Ceramic & 1 Buna N

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\*Gallons per watt hour (G/Wh) links efficiency and performance by illustrating how many gallons of water are pumped using one (1) watt of electricity.

**PRO SERIES  
PUMPS**



# PHCC Pro Series 1/2 HP Primary Sump Pump Selection



**Good**  
ST1050



**Better**  
S3050



**Best**  
S5050

	<b>Good Pro Series Sump Pump</b>	<b>Better Pro Series Sump Pump</b>	<b>Best Pro Series Sump Pump</b>
<b>Model No.</b>	ST1050	S3050	S5050
<b>Horse Power</b>	1/2 HP	1/2 HP	1/2 HP
<b>Warranty (Years)</b>	1-1/2 Years	3 Years	5 Years
<b>Motor Design</b>	PSC	PSC	PSC
<b>Float Switch</b>	Caged Dual Micro-reed	Caged Dual Micro-reed	Caged Dual Micro-reed
<b>Controller</b>	Yes (DFC-1)	Yes (DFC-2)	Yes (DFC-2)
<b>Monitors Power</b>	No	Yes	Yes
<b>Monitors Pump</b>	No	Yes	Yes
<b>Security System Connection</b>	No	Yes	Yes
<b>Motor / Pump Housing</b>	Cast Iron / Cast Aluminum	Cast Iron / Stainless Steel	Cast Iron
<b>Duty Cycle Rating</b>	Continuous	Continuous	Continuous
<b>Bearings</b>	Upper & Lower Ball Bearings	Upper & Lower Ball Bearings	Upper & Lower Ball Bearings
<b>Shaft Material</b>	Stainless Steel	Stainless Steel	Stainless Steel
<b>GPH at 10 ft.</b>	3,630	3,900	4,980
<b>Max. Head ( ft. )</b>	36	33	36
<b>Motor Cooling</b>	Water Cooled	Water Cooled	Water Cooled
<b>Impeller</b>	Engineered Polymer	Fiber Polycarbonate	Cast Iron Dynamically-Balanced
<b>Pump Discharge</b>	2" NPT	2" NPT	2" NPT
<b>Gallons per Watt Hour (G/Wh)* @ 0 ft. / 10 ft.</b>	10 / 6.3	6.3 / 7.6	6.6 / 6.1
<b>Cord Length</b>	10 ft.	20 ft.	20 ft.
<b>Amp Draw at 10 ft.</b>	4.8	4.3	6.8
<b>Pump Dimensions</b>			
<b>Weight</b>	28 lbs.	24 lbs.	40 lbs.
<b>Height</b>	16.25"	13.375"	15.25"
<b>Diameter</b>	10"	8.5"	10"
<b>Shaft Seal Materials</b>	2 x Carbon / Ceramic & 1 Buna N	2 x Carbon / Ceramic & 1 Buna N	2 x Carbon/Ceramic & 1 Buna N

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