

Pump Performance Test Report (0 to 1600 gpm)

Client:	Ashton Gardens	Location:	Portland ME
Date:	16-Nov-18	Tested by:	Dan & Kevin

Pump Identification:	Patterson Pump Mod: 5X3VIP Ser# FP-C0161585		
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Rated GPM	500	Rated PSIG:	50	Rated PSIG @ 0% :	63
Rated GPM @ 150% :	750	PSIG @ 150% :	36	Rated Pump RPM:	3540

*** Distance from the pumping water level to the center of the discharge gauge in FEET - Vertical Turbine Pumps

Rated Pump RPM	As Tested Pump RPM	Test Discharge Pressure	Test Suction Pressure (+ or -) ***	Test Net Head (PSIG)	Nozzle Diameters	Nozzle "K"	Test Nozzle Pitot Pressure	Calculated Test Flow (GPM)	ACTUAL FLOW (GPM) (rpm corrected)	ACTUAL NET HEAD (PSIG) (rpm corrected)	Actual % of Rated Flow
3540	3564	116	53.00	63.00	1.750	0.97	0	0	0	62	0

"A-B" Leg Amperage	43	Voltage	211
"B-C" Leg Amperage	38	Voltage	211
"A-C" Leg Amperage	40	Voltage	213

AVERAGE	40.33	211.67
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3540	3542	104	55.00	49.00	1.750	0.97	9	266	266
"A-B" Leg Amperage	59	Voltage	210	1.750	0.97	9	266	266	
"B-C" Leg Amperage	54	Voltage	210	1.750	0.97	0	0	0	
"A-C" Leg Amperage	57	Voltage	212	1.750	0.97	0	0	0	

AVERAGE	56.67	210.67	TOTAL	532	531	49	106.28%
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3540	3535	88	52.00	36.00	1.750	0.97	18	376	376
"A-B" Leg Amperage	63	Voltage	211	1.750	0.97	19	386	387	
"B-C" Leg Amperage	58	Voltage	210	1.750	0.97	0	0	0	
"A-C" Leg Amperage	60	Voltage	212	1.750	0.97	0	0	0	

AVERAGE	60.33	211.00
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TOTAL	762	763	36	152.66%
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PUMP PERFORMANCE CURVES (Actual Test is RPM Corrected)

