



Precision
Fluid Dynamics, Inc.

When Quality Counts....



Pond and Water Feature
Products

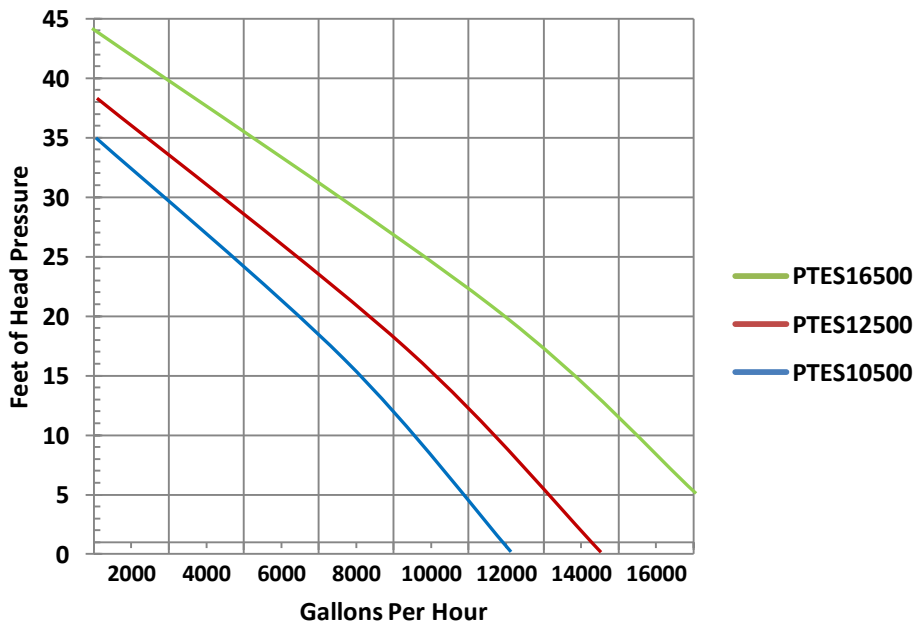
Titan Series

Precision's 3" Energy Saver Pond & Water Feature Pump

The Precision Titan Series pond and water feature pump is the leader in performance and energy savings. It features true 3" in and out for maximum flow. With it's TEFC motor this self priming pump offers whisper quiet operation with tremendous flow rates of up to 17,000 GPH. Available with a commercial duty Baldor motor or a proprietary motor designed specifically with energy efficiency and longevity in mind.



Model	Voltage	Watts	Amps	HP	GPH @ 5'	Shut Off	Power Cord	Height	Length	Width	Weight	In/Out
PTES10500	115 / 230	550	5.0	1/2	10,500	35'	15'	16.9"	29"	9.9"	65lbs	3"
PTES12500	115 / 230	682	6.2	3/4	12,500	38'	15'	16.9"	29"	9.9"	65lbs	3"
PTES16500	115 / 230	1309	11.9	1.5	16,500	44'	15'	16.9"	33"	9.9"	69lbs	3"



** ALSO AVAILABLE IN 3 PHASE

Features

- True 3" suction and discharge.
- Energy efficient low amp draw motor.
- All stainless steel hardware and heat sinks.
- Includes 15' installed power cord (115 volt models).
- Highest head rates in class.
- Constructed from top grade Glass Filled ABS.
- Silicon carbide seals.
- 3" quick connect unions.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Titan HH Series

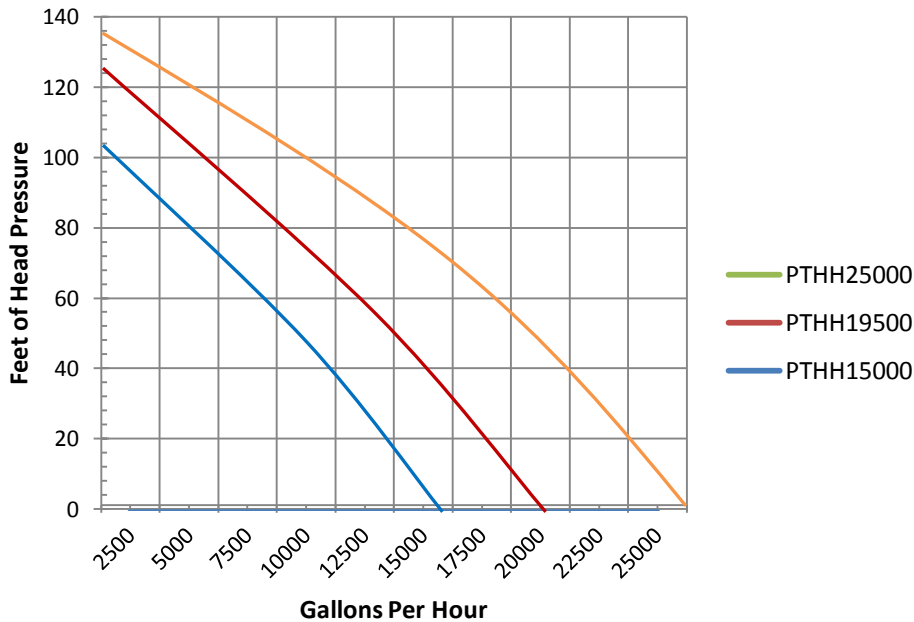
Precision's 3" High Head, High Flow Pond & Water Feature Pump

The Precision Titan HH Series pond and water feature pump was designed specifically for applications where long plumbing runs and extreme elevation changes are required. As with the Titan series it features true 3" in and out for maximum flow but with well over 100' of head pressure the Titan HH series pumps are truly in a class of their own.



** ALSO AVAILABLE IN 3 PHASE

Model	Voltage	Watts	Amps	HP	GPH @ 5'	Shut Off	Power Cord	Height	Length	Width	Weight	In/Out
PTHH15000	230	3058	13.9	3	15,000	103'	N/A	16.9"	34"	9.9"	65lbs	3"
PTHH19500	230	3608	16.4	4	19,500	129'	N/A	16.9"	36"	9.9"	69lbs	3"
PTHH25000	230	4318	19.9	5	25,000	135'	N/A	16.9"	36"	9.9"	92lbs	3"



Features

- True 3" suction and discharge.
- Maximum flow and head pressure design.
- All stainless steel hardware and heat sinks.
- Highest head rates in class.
- Constructed from top grade Glass Filled ABS.
- Silicon carbide seals.
- 3" quick connect unions.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Mariner Series

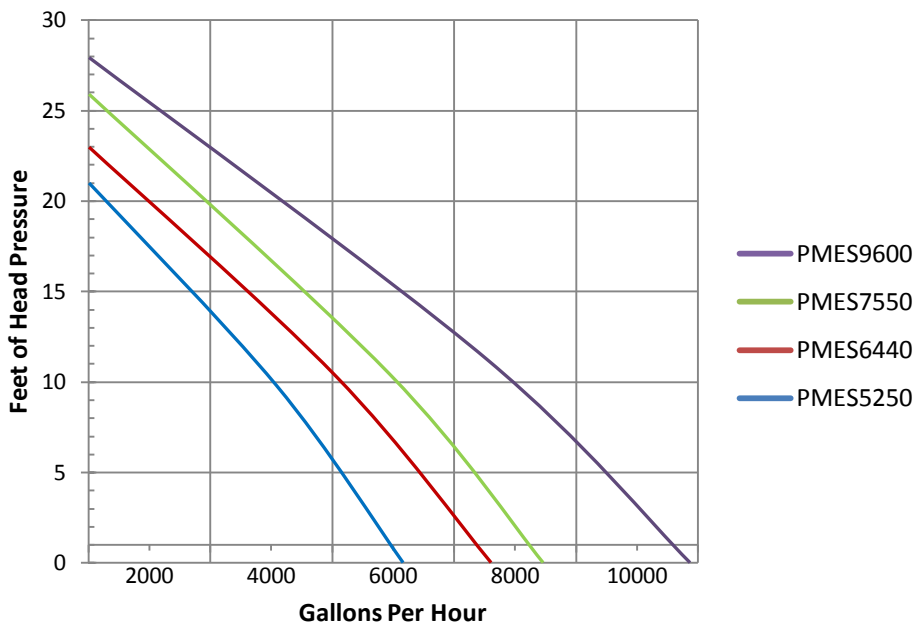
Precision's 2" Energy Saver Pond & Water Feature Pump

The Precision Mariner Series of Self Priming pumps are designed with maximum performance and energy savings as it's first priority. All of this to produce an unbelievably quiet pump with an emphasis on maximum performance, energy efficiency and longevity.



** ALSO AVAILABLE IN 3 PHASE

<u>Model</u>	<u>Voltage</u>	<u>Watts</u>	<u>Amps</u>	<u>HP</u>	<u>GPH @ 5'</u>	<u>Shut Off</u>	<u>Power Cord</u>	<u>Height</u>	<u>Length</u>	<u>Width</u>	<u>Weight</u>	<u>In/Out</u>
PMES5250	115 / 230	267	2.3	1/4	5250	21'	15'	12.75"	22"	10.5"	27lbs	2"
PMES6440	115 / 230	310	2.7	1/3	6440	23'	15'	12.75"	22"	10.5"	28lbs	2"
PMES7550	115 / 230	402	3.5	1/2	7550	26'	15'	12.75"	22"	10.5"	28lbs	2"
PMES9600	115 / 230	598	5.2	3/4	9600	28'	15'	12.75"	23"	10.5"	28lbs	2"



Features

- Integrated debris trap with "Camber Lock" lid.
- Energy efficient commercial grade motor.
- All stainless steel hardware.
- Includes 15' installed power cord (115 volt).
- Highest head rates in class.
- Constructed from top grade Glass Filled Polypropylene.
- "Run-dry" resistant seals.
- Less than half the watts of comparable submersible pumps.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Neptune Series

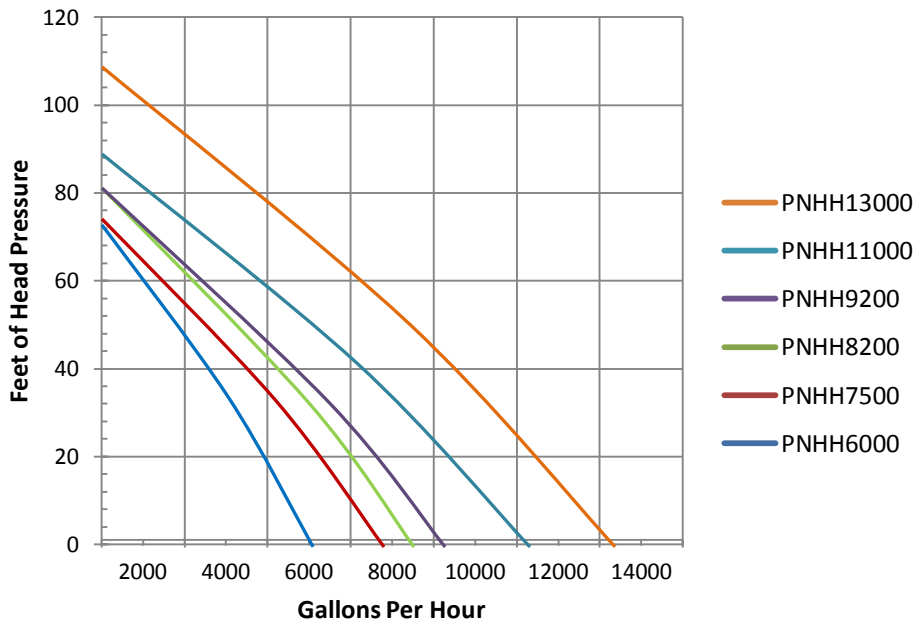
Precision's 2" High Head, High Flow Self Priming Pond Pump

The Precision Neptune Series of self priming pumps are designed specifically for high head applications. Whisper quiet operation along with tremendous flow rates make this the perfect value option for long plumbing runs and high head pressure applications.



** ALSO AVAILABLE IN 3 PHASE

Model	Voltage	Watts	Amps	HP	GPH @ 5'	Shut Off	Power Cord	Height	Length	Width	Weight	In/Out
PNHH6000	115 / 230	1012	8.8/4.5	1/2	6000	75	15'	12.75"	25"	10.5"	41lbs	2"
PNHH7500	115 / 230	1288	11/5.5	3/4	7500	75	15'	12.75"	26.75"	10.5"	43lbs	2"
PNHH8200	115 / 230	1535	13.3/6.7	1	8200	82	15'	12.75"	26.75"	10.5"	46lbs	2"
PNHH9200	115 / 230	1776	15.4/7.2	1.5	9200	82	15'	12.75"	27"	10.5"	54lbs	2"
PNHH11000	230	2250	10.2	2	11000	90	15'	12.75"	27.5"	10.5"	56lbs	2"
PNHH13000	230	2952	13.4	3	13000	110	15'	12.75"	27.5"	10.5"	62lbs	2"



Features

- 2" Quick Connect unions
- Integrated debris trap with "Camber Lock" lid.
- Energy efficient commercial grade motor.
- All stainless steel hardware.
- Includes 15' installed power cord (115 volt).
- Highest head rates in class.
- Constructed from top grade Glass Filled ABS.
- "Run-dry" resistant seals.
- Less than half the watts of comparable submersible pumps.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Calypso Series

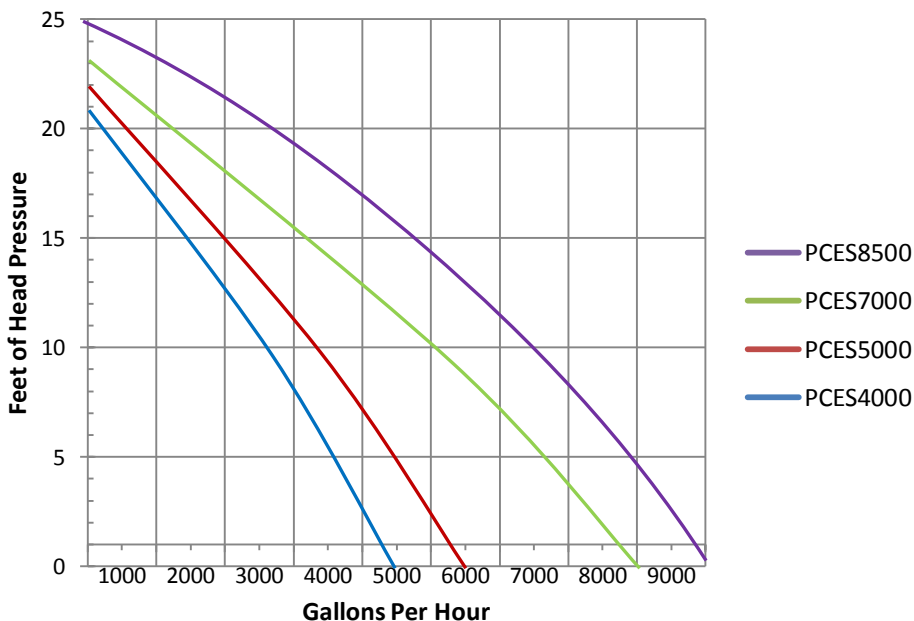
Precision's 2" Energy Saver Pond & Water Feature Pump

The Calypso Series of Precision pumps are the new standard of the industry and are designed for maximum energy savings with higher head pressures. The TEFC motor is commercial grade and is designed to match our newly re-designed pumps for optimum performance, efficiency, and reliability. Truly a workhouse specifically designed for years of trouble free service.



** Optional Priming Pot recommended when pump is located above water level (PPT-2 Shown)

Model	Voltage	Watts	Amps	HP	GPH @ 5'	Shut Off	Power Cord	Height	Length	Width	Weight	In/Out
PCES4000	115 / 230	225	1.9	1/4	4000	21'	15'	8"	11"	7"	24lbs	2"
PCES5000	115 / 230	267	2.3	1/4	5000	22'	15'	8"	11.5"	7"	25lbs	2"
PCES7000	115 / 230	376	3.2	1/3	7000	23'	15'	8"	12.5"	7"	27lbs	2"
PCES8500	115/230	402	3.3	1/2	8500	25'	15'	8"	12.5"	7"	27lbs	2"



Features

- Energy efficient commercial grade motor.
- All stainless steel hardware.
- Includes 15' installed power cord (115 volt).
- Highest head rates in class.
- Constructed from top grade Glass Filled ABS.
- "Run-dry" resistant seals.
- Less than half the watts of comparable submersible pumps.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Orion Series

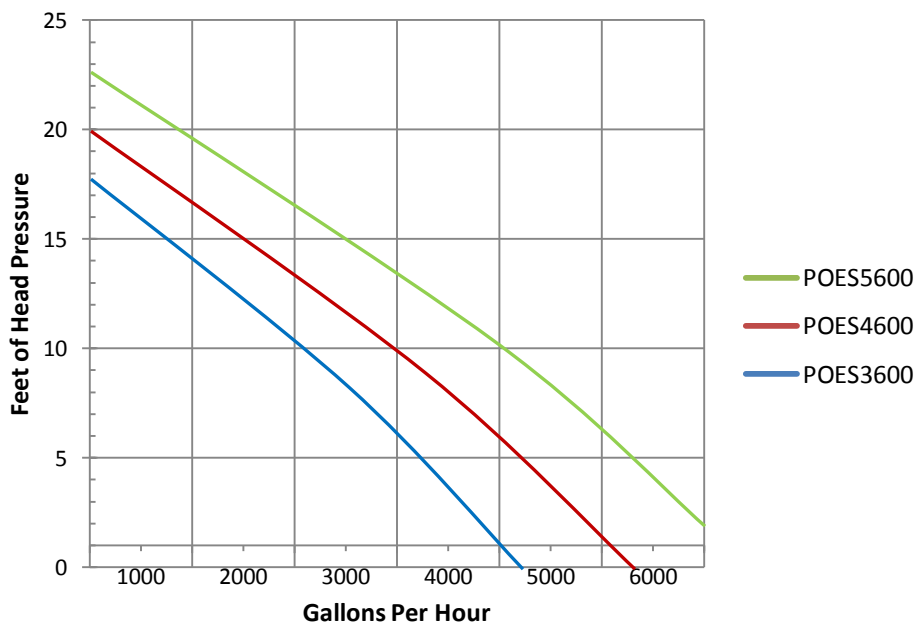
Precision's Energy Saver Pond & Water Feature Pump

Precision's Orion line of pumps is the benchmark for today's water gardening industry and are ideal for any application demanding maximum energy savings. The totally enclosed fan cooled (TEFC) motor is commercial grade and specifically designed to match the pump thus providing tremendous flow rates. With minimal investment you receive maximum performance coupled with whisper quiet operation.



** Optional Priming Pot recommended when pump is located above water level (PPT-2 Shown)

<u>Model</u>	<u>Voltage</u>	<u>Watts</u>	<u>Amps</u>	<u>HP</u>	<u>GPH @ 5'</u>	<u>Shut Off</u>	<u>Power Cord</u>	<u>Height</u>	<u>Length</u>	<u>Width</u>	<u>Weight</u>	<u>In/Out</u>
POES3600	115	147	1.3	1/15	3600	17'	15'	8"	11"	6.5"	12lbs	2"X1.5"
POES4600	115	178	1.5	1/10	2600	19'	15'	8"	11"	6.5"	12.5lbs	2"X1.5"
POES5600	115	248	2.1	1/4	5600	22'	15'	8"	12.5"	6.5"	13.5lbs	2"X1.5"



• Features

- Energy efficient commercial grade motor.
- All stainless steel hardware.
- Includes 15' installed power cord (115 volt).
- Highest head rates in class.
- Constructed from top grade Glass Filled ABS.
- "Run-dry" resistant seals.
- Less than half the watts of comparable submersible pumps.
- Double sealed bearings for whisper quiet operation.
- Two year limited warranty.

Vektor Series

Precision's Backwashing Biological Filters

Description

These pond and water garden filters are pressure side filters designed to filter out debris as small as 20 microns. They are designed to be used with energy efficient pumps and provide excellent water clarity. No more cleaning filthy filter mats. Cleaning the filter is as easy as turning a handle.

Features

- Works with low amp pumps
- Easy to install and operate
- Backwashing filter may be placed anywhere on discharge of pump
- Filters come assembled with bio-bead media
- Bio-bead media specifically designed for ponds
- Pressure gauge included to indicate when to backwash
- Quick connect fittings on all connections
- 1" screened drain for winterizing
- Optional blower available for better backwashing
- Micro-Lift Super Start Bacteria included.



<u>Model</u>	<u>Pond Size</u>	<u>Plumbing Size</u>	<u>Dimensions</u>
PVBF2000	2000 Gallons	1.5 inch	16" Dia. X 32" tall
PVBF4000	4000 Gallons	2 inch	19" Dia. X 36" tall
PVBF6000	6000 Gallons	2 inch	24" Dia. X 43" tall

Mission Statement

Precision Fluid Dynamics, Inc. understands the intrinsic value of providing our customers with tangible goods that exceeds their quality and value expectations. There is a direct relationship between this understanding and the high manufacturing standards and systems in place at our facility.

As a direct result of our unsurpassed Quality Assurance Program the entire product line we provide is tried and true and product availability is second to none.

Furthermore, we at Precision Fluid Dynamics, Inc. take great pride in the relationships we have developed with our distributors. We are able to differentiate ourselves from other manufacturers due to a superior “hands on” approach without ever losing sight of the real world applications our products are designed and used for.

Quite simply, our mission here at Precision Fluid Dynamics, Inc. is to provide the highest quality, most reliable, and best value aquaria and water gardening products to each and every customer nation-wide, period.