

PUMP TANK STATIONS

PPT SERIES
POLYETHYLENE

- **Capacities From 450 - 3200 Gallons**
- **Tower or Chilled Water Systems**
- **Pumps from 2 - 60 HP**
- **Flows from 40 - 1250 GPM**
- **Seamless Rotational Molded Reservoir**
- **10 Year Tank Warranty**

The **PPT Series** pump tank station is very space efficient. It uses the vertical dimension for water storage, and uses an integral pump platform deck to minimize floor space footprint. The high flow, high turbulent pumps offer maximum heat transfer across the process. The patent pending reservoir is a seamless, one piece rotationally molded polyethylene reservoir. This reservoir is rust and corrosive free, and will not degrade, regardless of water quality. Pump assemblies are mounted on a structural steel deck and attached to the tank via flexible connectors. This pump tank is designed and engineered for round-the-clock operations with minimal service, providing maximum return on investment.

Systems can be customized to meet any need.

Components are shipped loose and field assembled. All drawings are supplied for easy assembly. Available options can be factory assembly and wired. Consult factory for details.

Product features include:

TANK CONSTRUCTION

- One piece, seamless, cylindrical shape reservoir
- Rotationally molded linear low density polyethylene
- Drain valve
- Overflow port
- Hot / cold section partition (baffle)
- Temperature gauges for each partition
- Water-level control (float type)
- Flange pump connections
- Multiple pump connections
- Tank insulating on chilled water systems (optional)
- Tank lid

ELECTRICAL

- Prewired magnetic pump motor starters
- Nema 1 rated
- Overload protection
- Thermostat control of tower fan (where applicable)



PPT 1600-2HP shown

Model shown with pumps, valves, and motor starter all mounted and wired.

PUMPS

- Structural steel deck for pump mounting
- Flexible connections
- Centrifugal, motor driven
- Bronze impeller
- Suction service valve kit
- Discharge service valve kit

WARRANTY & SERVICE

- 10 year tank failure warranty
- 1 year on mechanical components
- Nationwide network of service contractors

OPTIONS

- Standby pump and discharge manifold with isolation valves
- Prewired control cabinet for starters and controls
- Mounting and wiring all components.

PRICE & PERFORMANCE... for the LONG TERM

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TEMPTTEK

since 1989

SPECIFICATIONS

PPT SERIES SPECIFICATIONS

MODEL		PPT-450	PPT-850	PPT-1600	PPT-3200
WATER CAPACITY	To Overflow	450	850	1,600	3,200
	Tower Water	225	425	800	1,600
	Chilled Water	350	675	1,200	2,400
CONNECTION	Water Make-Up	1	1	1	1
SIZES (inches)	Tank Drain	1-1/2	1-1/2	1-1/2	1-1/2
	Tank Overflow	4	4	6	6
DIMENSIONS (inches)	Height	60	72	96	96
	Width	48	60	72	160
	Depth	50	62	74	74
	Depth w/ pump base	36	36	48	48
WEIGHTS (LBS) ¹	Dry	860	1,590	2,243	4,636
	Operating	2,750	5,160	8,963	18,076
	Maximum	4,640	8,730	15,683	31,516
	Shipping	860	1,590	2,243	4,636

P SERIES PUMP SPECIFICATIONS

PROCESS / STANDBY PUMP MODEL	PP-2	PP-3	PP-5	PP-7.5	PP-10	PP-15	PP-20	PP-25	PP-30	PP-40	PP-50	PP-60	
PUMP ²	HP	2	3	5	7.5	10	15	20	25	30	40	50	60
	GPM/PSI	40/40	60/60	90/60	150/60	210/60	360/60	405/60	525/60	600/60	900/60	1,100/60	1,250/60
FULL LOAD AMPERAGE ³	230 / 3 / 60	6.8	9.6	15.2	22.0	28.0	42.0	54.0	68.0	84.0	104.0	130.0	154.0
	460 / 3 / 60	3.4	4.8	7.6	11.0	14.0	21.0	27.0	34.0	42.0	52.0	65.0	77.0
	575 / 3 / 60	2.7	3.9	6.1	9.0	11.0	17.0	22.0	27.0	32.0	41.0	52.0	62.0

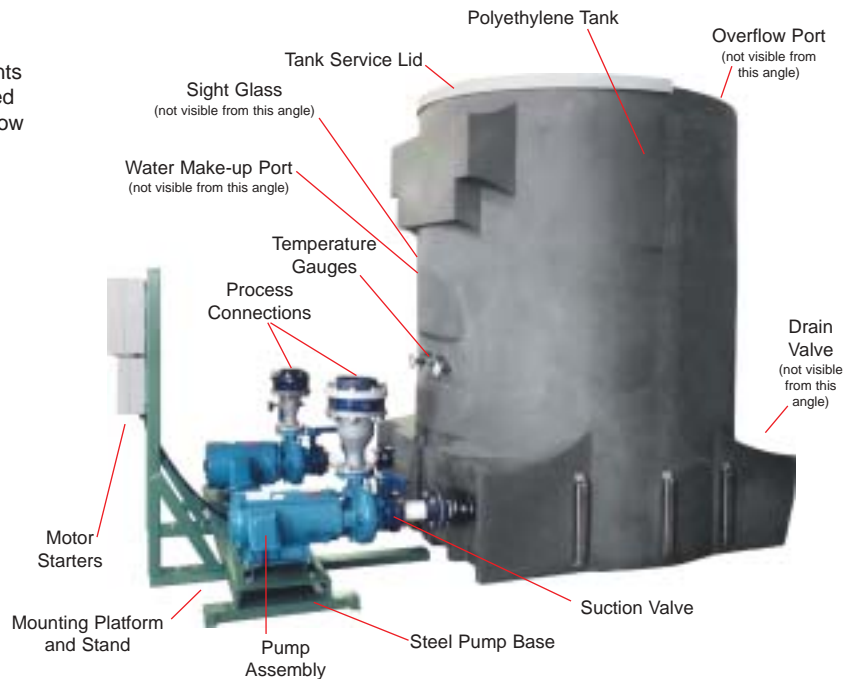
TP SERIES PUMP SPECIFICATIONS

TOWER / EVAPORATOR PUMP MODEL	TP-2	TP-3	TP-5	TP-7.5	TP-10	TP-15	TP-20	TP-25	TP-30	TP-40	
PUMP ²	HP	2	3	5	7.5	10	15	20	25	30	40
	GPM/PSI	60/30	90/30	210/30	255/30	405/30	525/30	810/30	900/30	1,100/30	1,750/30
FULL LOAD AMPERAGE ³	230 / 3 / 60	6.8	9.6	15.2	22.0	28.0	42.0	54.0	68.0	84.0	104.0
	460 / 3 / 60	3.4	4.8	7.6	11.0	14.0	21.0	27.0	34.0	42.0	52.0
	575 / 3 / 60	2.7	3.9	6.1	9.0	11.0	17.0	22.0	27.0	32.0	41.0

Notes: 1. Approximate unit weight crated for shipment. 2. Consult with the factory for exact characteristics relating to pump curves. 3. Full load amps shown. No allowance for inrush. Service disconnect by owner. Actual running amps at design conditions. Full load amps are higher than run load amps and must be used for sizing disconnects and supply wiring. Consult factory for 50hz operation.

COST SAVING OPTION:

Starters, valves, and thermostats are supplied as components and shipped loose for field installation with drawings supplied to ease installation. Items can be sold as components to allow customizing systems to customer requirements. Also this makes changes to existing systems a simple process.



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