

PUMP TANK/RESERVOIR

PT Series

The most complete line of pre-engineered systems for cooling tower and central chiller applications. Available in fiberglass, stainless steel, steel or polyethylene.

STANDARD FEATURES

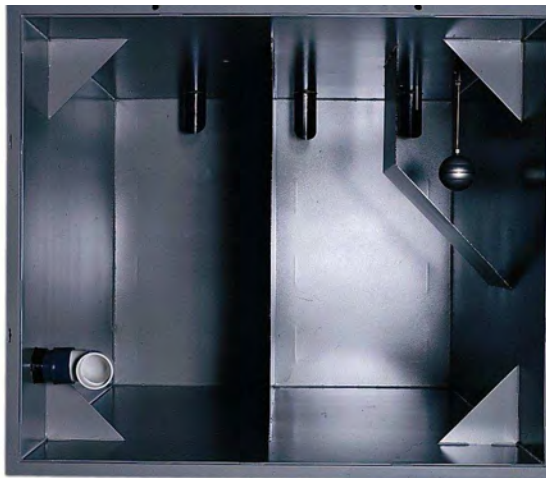
- All pumps are mounted on a solid deck for added rigidity, serviceability and safety
- Steel reservoir seams are double welded, inside and out, for increased protection against leaks and corrosion
- Steel reservoir interiors are carefully covered with a thick coat of marine duty coat tar epoxy to prevent water-to-metal contact
- Victaulic (grooved pipe connection system) pump trim reduces the need for flexible couplings and eliminates pipe stress at start-up
- High efficiency, close-coupled, non-overloading centrifugal pumps
- Full size pump suction legs feature a 45° angle opening to prevent vortexing and pump cavitation
- Liquid filled pressure gauges enable accurate flow adjustment
- Factory mounted thermometer allows quick monitoring of process water temperature
- (Optional) Automatic water make-up assemble maintains constant water level
- (Optional) Pre-wired and mounted control panel is hard-wired to pump motors and all alarms, simplifying installation and reducing costs



PTS-1300 shown

AVAILABLE OPTIONS

- Single or dual standby pumps
- Full 3/4" insulation
- Premium efficiency motors
- Unbreakable sight glass with safety rods
- Tank cover
- T-Strainers for full flow removal of debris
- Low flow, low pressure, low level and high temperature alarms
- Sonalert horn and silencer switch
- NEMA-12 or NEMA-4 panel enclosures
- Fused disconnects
- Programmable logic controller (PLC)
- Reservoir support legs
- OSHA approved ladder, rail and toe board
- Automatic pressure-operated water bypass valve



Inside steel reservoir

H₂O

Engineered Water Systems

PT SERIES SPECIFICATIONS

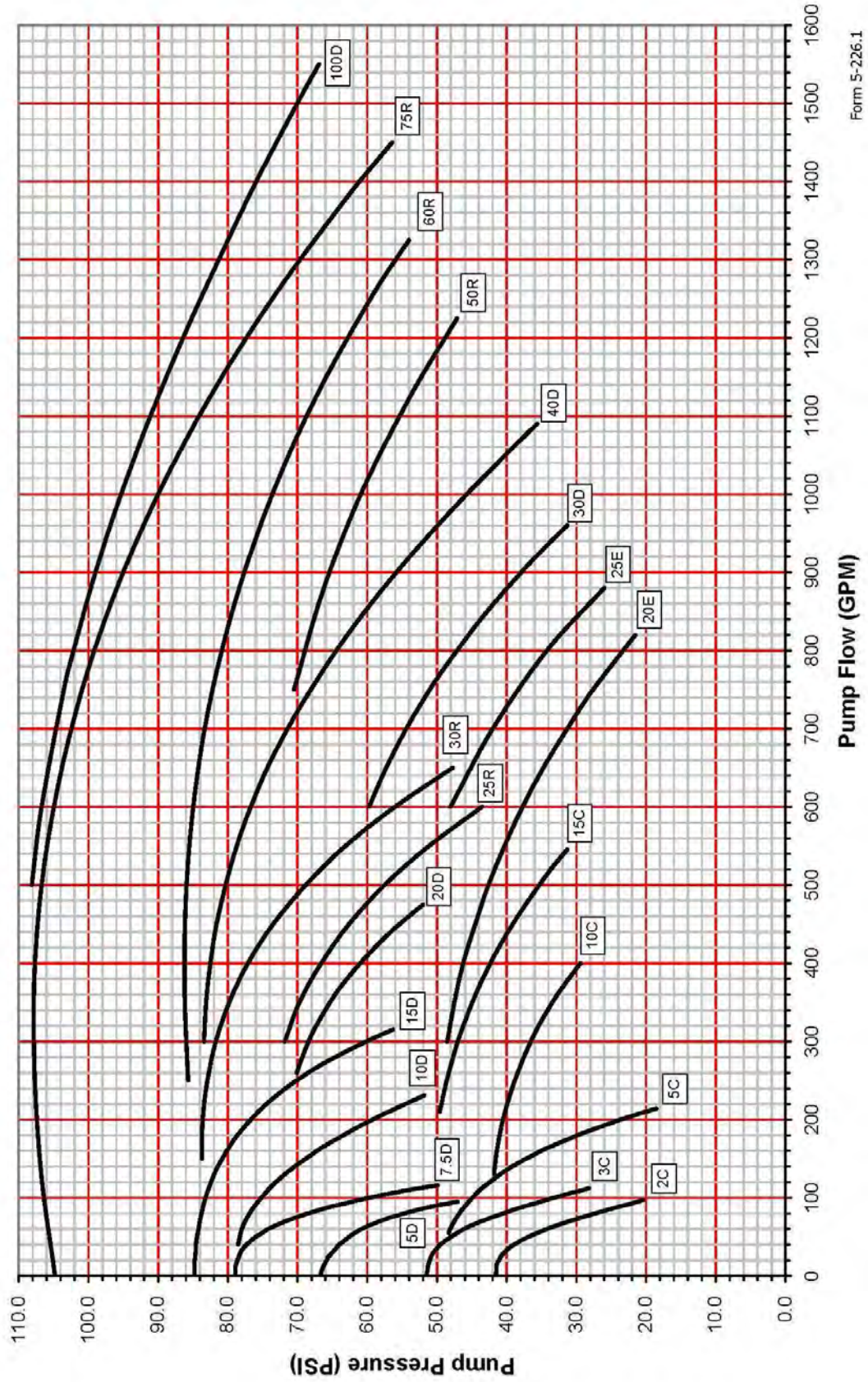
Carbon Steel w/ Epoxy Coating									
Model #	Holding Capacity (gal)			Dimensions (in) LxWxH	Weight (Lbs)		Connection Size (in)		
	Overflow	Operating Tower	Operating Chiller		Ship	Operate	Drain	Make-up Valve	Over-flow
PTS-500	430	305	370	72x60x52	2500	6500	1	¾	4
PTS-700	695	485	590	96x72x52	3000	9000	1	¾	4
PTS-1000	1025	720	875	144x72x52	3400	12500	1 ½	¾	4
PTS-1300	1290	905	1090	144x72x64	3600	14500	1 ½	¾	4
PTS-1550	1570	1105	1330	144x72x76	4000	17000	1 ½	¾	4
PTS-1700	1725	1210	1460	144x96x66	4500	19500	2	¾	4
PTS-2100	2075	1575	1750	156x96x78	5000	22500	2	¾	4
PTS-2900	2775	2100	2450	168x96x102	5500	29500	2	¾	4
PTS-3500	3710	2815	3300	168x96x102	7500	39000	2	¾	4
PTS-4500	4700	3560	4155	173x127x107	10500	50000	2	¾	4
PTS-6000	5645	4280	4990	173x151x107	16000	63000	2	1 ½	4
Stainless Steel									
Model #	Holding Capacity (gal)			Dimensions (in) LxWxH	Weight (Lbs)		Connection Size (in)		
	Overflow	Operating Tower	Operating Chiller		Ship	Operate	Drain	Make-up Valve	Over-flow
PTSS-250	265	185	225	60x60x49	2000	4500	1	¾	4
PTSS-500	430	305	370	72x60x52	2500	6500	1	¾	4
PTSS-700	695	485	590	96x72x52	3000	9000	1	¾	4
PTSS-1000	1025	720	875	144x72x52	3400	12500	1 ½	¾	4
PTSS-1300	1290	905	1090	144x72x64	3600	14500	1 ½	¾	4
PTSS-1550	1570	1105	1330	144x72x76	4000	17000	1 ½	¾	4
PTSS-1700	1725	1210	1460	144x96x66	4500	19500	2	¾	4
PTSS-2100	2075	1575	1750	156x96x78	5000	22500	2	¾	4
PTSS-2900	2775	2100	2450	168x96x102	5500	29500	2	¾	4
PTSS-3500	3710	2815	3300	168x96x102	7500	39000	2	¾	4
PTSS-4500	4700	3560	4155	173x127x107	10500	50000	2	¾	4
PTSS-6000	5645	4280	4990	173x151x107	16000	63000	2	1 ½	4
Fiberglass									
Model #	Holding Capacity (gal)			Dimensions (in) LxWxH	Weight (Lbs)		Connection Size (in)		
	Overflow	Operating Tower	Operating Chiller		Ship	Operate	Drain	Make-up Valve	Over-flow
PTF-250	275	160	200	62x70x52	2000	4200	1	1	4
PTF-500	470	335	355	98x57x55	2500	6400	1	1	4
PTF-700	705	480	540	98x81x55	3000	9000	1	1	4
PTF-1100	1105	710	850	122x74x84	3500	14200	1	1	4
PTF-1550	1615	1165	1345	146x81x84	4000	17300	2	1	4
PTF-2200	2220	1600	1790	146x98x86	4500	24100	2	1	4
Polyethylene									
Model #	Holding Capacity (gal)			Dimensions (in) LxWxH	Weight (Lbs)		Connection Size (in)		
	Overflow	Operating Tower	Operating Chiller		Ship	Operate	Drain	Make-up Valve	Over-flow
PTP-450	450	225	350	113x58x63	1600	5400	1	1	4
PTP-850	850	425	675	139x70x75	1800	8900	1	1	4
PTF-1600	1600	800	1200	164x82x99	2000	15400	1	1	4



Engineered Water Systems

Process P1 Pumps

Fluid: Water Frequency: 60 Hz



Recirculation P2 Pumps

Fluid: Water Frequency: 60 Hz

