

High Purity Water Solutions



SkidSpec

- Pre-Engineered
- Turn-Key
- Flexible
- Modular
- Meets ASTM Specs

PPT Pure
Process
Technology
Purification System Solutions for Your Water and Solvent Needs
pureprocesstechnology.com

Standard Features Include:

Meets ASTM Type I,II, and III specifications

Aluminum Skid Frames

PLC Controls with 6" HMI screen

Poly Pro Socket fusion Piping
Post RO

SCH 80 PVC Piping Pre-RO

Flang connections - Distribution

Alarm Outputs

Multi-Point Leak Detection



SkidSpec Process

Our Solidworks designer will assist you in creating the perfect P&ID to meet your specifications. We will assist in creating a water purification system that not only meets your purity specs, but also accommodates your unique space.



Pre-Treatment Design is driven by three major factors:

- RO Production
- Inlet Water Quality
- Consumable Costs

Reverse Osmosis

- Highest quality components for trouble-free operation
- Cost effective to maintain
- For most applications runs at 70% Recovery and > 97% Rejection

Purified Water Storage

SkidSpec purification systems ensure that the purified water is stored safely, in an environment that will not compromise your valuable resource.

Purified Water Distribution - SkidSpec distribution options Include:

- Mixed Bed DI
- Sub-Micron Filtration
- Ultraviolet Oxidation
- Simplex or Duplex Configuration



This drawing incorporates all options available, with PPT's high quality components, for building an RO/DI high purity water system.

- High Density Polypropylene Tank
- RO Pump
- Dual Distribution Pumps
- Multi-Cartridge Filter
- RO Housings/Membrane
- UV (TOC)
- UV (Bacteria)
- Control Panel
- DI Tanks
- Carbon
- Softener
- Brine Tank
- Pre-Filters



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Use our easy ordering guide to generate the perfect SkidSpec for your next project.

Skid-Spec	RO Production Rate	Storage Tank Size	Distributor Pump Size	Pump Option	TOC-UV Required for Type 1 Water	Mixed Bed DI Tank	Bacteria UV	Final Filter
SS	3 = 3 GPM	50 = 50 Gal.	3 = 30 GPM	S = Simplex	T = Yes	Di = Yes	B = Yes	Blank = 1 Micron
SS	5 = 5 GPM	75 = 750 Gal.	4 = 40 GPM	D = Duplex	Blank = No	Blank = No	Blank = No	SM = 0.2 Micron
SS	7 = 7 GPM	100 = 1,000 Gal.	6 = 60 GPM					
SS	10 = 10 GPM	150 = 1,500 Gal.	8 = 80 GPM					

The following is an example order of SkidSpec components derived from the above info

SS	7	75	6	D	T	Di	B	SM
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Example options generated equal:

A SkidSpec unit with an RO production rate of 7 gpm, a 750 gallon storage tank, a distribution pump size of 60 gpm, a duplex pump option, a TOC-UV for type 1 water, a mixed bed DI tank, a bacteria UV, and a 0.2 micron final filter.

SS-7-75-6-D-T-Di-B-SM

*For more information contact Bob Sheehy at
Pure Process Technology
bsheehy@ppttech.com or call 603-598-0691
www.pureprocesstechnology.com*





SERVICES OFFERED

System Manufacturing
Specification Development
Application Design / Sizing - ASTM, CLSI, USP
Validation Documentation - IQ/OQ/PQ - FAT/SAT
Validation Execution
Field Evaluations
Site / Field Installation
Service Contracts
24/7 Response



EXPERTISE

Reverse Osmosis Design -
Dow Filmtec Rosa,
Hydronautics IMS - Expert

Skid and Piping Lay Out -
Solidworks 3D Design

Control Panel Design -
UL Listed Panels, CSA available

PVC Piping - Factory Certified
Expert - GF, Weld On

Poly Pro Piping, SF, BF, BCF -
Manufacturer Certified Expert -
GF, ASAHI, Agru, Saint Gobain

SS Tube Bending -
Factory Certified Expert, Swagelok



Pure Process Technology (PPT) is a full-service OEM Manufacturer of Process Equipment in Nashua, NH. We have been designing and building system solutions for industrial and institutional water purification requirements for two decades.

We bring extensive custom manufacturing expertise to each project in a way that drives value based innovation for our customers.

Call or email us today, (603) 598-0691 or psampson@ppttech.com, to receive a quote on your next water purification system - so you can get back to what's important - focusing on your business, research, or manufacturing processes.



25 Front Street, Suite 303, Nashua, NH 03064
(603) 598-0691 www.pureprocesstechnology.com