

DI WATER SKID

Portable and Quick Setup Deionization Purification System



KEY FEATURES

- Requires Only Water Feed and Standard Wall Outlet for Electric
- High Capacity Type 1 Mixed Bed DI Resin Comes Standard
- Welded Aluminum Frame for Long Life
- Can be 100% Customer Serviced in Field
- Option to Exchange DI Tanks, or Refill On Site
- Fast Deployment, Saving Valuable Time and Money in the Field
- Complete Solution for Many DI Water Needs

APPLICATIONS

- One-Time Startup Applications
- Closed Loop Systems
- Post-Reverse Osmosis (RO)
- Pilot Applications
- Spot-Free Rinsing
- Quick DI Installation
- Multiple Location Applications

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TECHNICAL SPECIFICATIONS

Feed Water Requirements

- Feed Water Quality: Below 1,000 PPM (1,560 $\mu\text{S}/\text{cm}$)
- Inlet Pressure Range: 20-80 psi (1.4 - 5.5 Bar)
- Temperature Range: 34 - 100 °C (1 - 38 °C)
- Inlet Connection Size: 1" NPT
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Electrical Requirement

- Power: 120V / 60 Hz
- Input: NEMA 5-15R Single Standard Wall Outlet Required
- Maximum Power Consumption: 15 Watts
- Safety Equipment: Includes GCFI

Product Water Quality

- Resistivity: Over 1.0 $\text{M}\Omega\cdot\text{cm}$ @ 25 °C
- Product Flow Range, DI-SKID-16: 2.0 - 16 GPM
- Product Flow Range, DI-SKID-24: 3.5 - 24 GPM
- Product Particulate Filtration: 5 micron Final Filter

Included Instrumentation

- Worker DI Tank Purity Light: Red/Green LED, 200 $\text{k}\Omega\cdot\text{cm}$
- Final DI Tank Purity Light: Red/Green LED, 1.0 $\text{Meg}\Omega\cdot\text{cm}$
- Optional Final Purity Meter: 0-20 $\text{Meg}\Omega\cdot\text{cm}$ Digital Readout (optional Final Purity Meter Takes Place of Final Red/Green Light)

Physical Information, DI-SKID-16

- Dimensions: 35"W x 49"L x 66"H
- Shipping Weight: 865 Pounds
- In-Use (Wet) Weight: 1,185 Pounds
- Skid Material: 6061 High Grade Aluminum

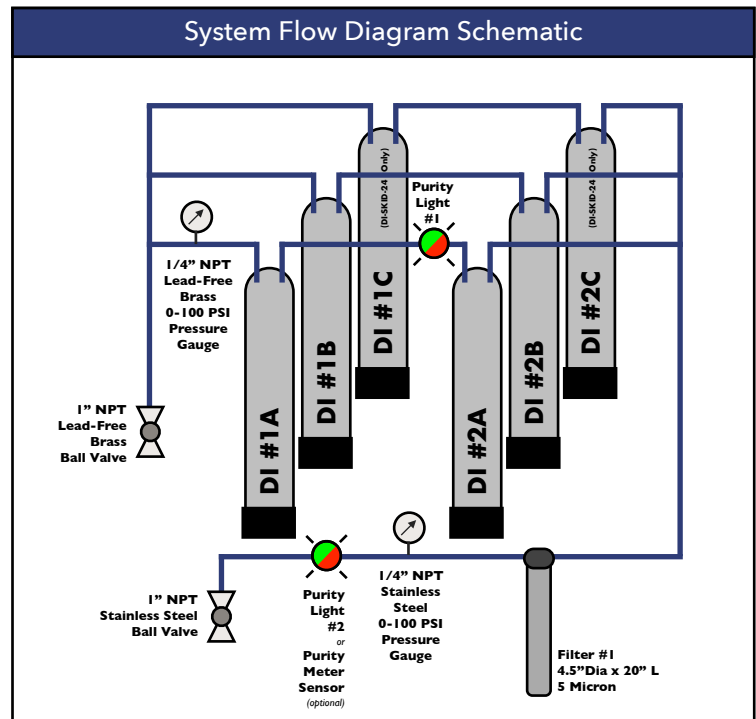
Physical Information, DI-SKID-24

- Dimensions: 35"W x 65"L x 66"H
- Shipping Weight: 1,270 Pounds
- In-Use (Wet) Weight: 1,750 Pounds
- Skid Material: 6061 High Grade Aluminum

Estimated System Capacity

Feed Water Quality (PPM)	Feed Water Quality ($\mu\text{S}/\text{cm}$)	DI-SKID-24 Approx. Produced (Gallons)	DI-SKID-16 Approx. Produced (Gallons)
5.0	7.8	807,000	532,000
20	31	201,000	133,000
50	78	78,000	51,500
100	156	39,000	25,750
150	25	29,250	19,250
200	313	19,500	12,750
500	782	7,800	5,150
1,000	1,560	3,900	2,575

System Flow Diagram Schematic



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