

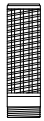
General Specifications:

- Vessel Design per A.S.M.E. Boiler & Pressure Vessel Code, Section VIII, Div I. (Not Code Stamped)
- Lifting Certified per NUREG-0612
- Designed to be Sluiced In/Out while Submerged in Pool.
- All Material: 304 Stainless Steel
- Resin Capacity: 28 Cu. Ft.
- Power Requirements: 2HP, 460V, 3 PH, 60 Hz, 4.4A
- Design Flow Rate: 75 GPM
- Design Pressure: 50 PSIG
- Vessel Empty/Dry with Pump: 550 lbs.
- Vessel Full of Resin/Water with Pump: 2,550 lbs.

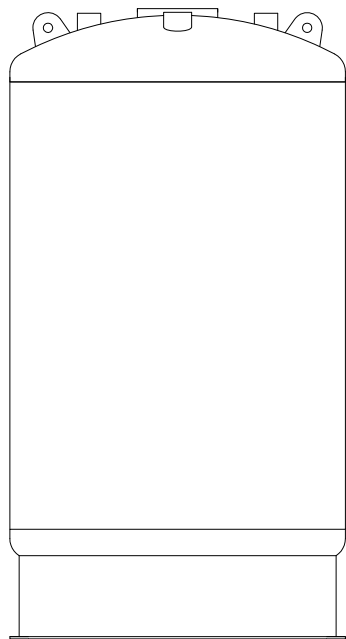

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 P.O. Box 1130, Ballston Lake, NY 12019

Underwater Demineralizer
36" OD, 75 GPM, 28 CU. FT. Capacity

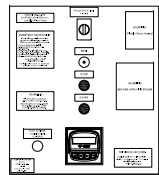
Model No. UD-36A	Rev. Date Rick Russell 08/25/17	Brochure	
Dwg. TNC-012-02	Apv'd Date James L. Warden 08/30/17	Rev. E	Page 1 of 3



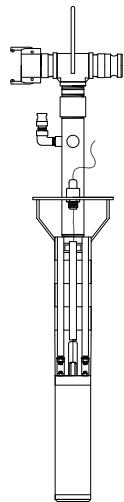
UD-36A-Inlet Inlet Screen
Qty: 2



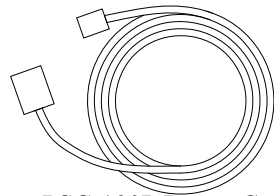
UD-36A-V Vessel
UD-36A-V Vessel



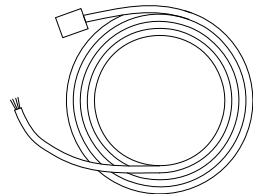
CB-100-FM
Phase Reversing Control Box
with Integral Flow Meter



PP-100SC Pump

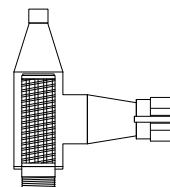


PSC-100P Power Cord
with Twistlock Plug



PC-50 Drop Cable
with Twistlock Plug

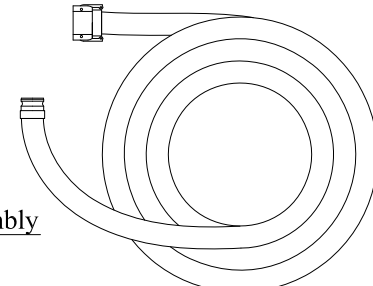
PP-100SC Pump



SHCK-SSVA-2x2
Safety Screen Vent Assembly
Qty: 2



SHCK-JS-2x6
Johnson Screen Strainer
Qty: 2

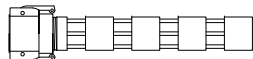


PH-2x50 Suction Hose
Qty: 2

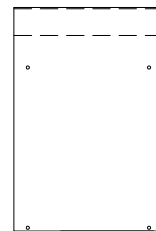
SHCK-UD-36A Suction Hose Conversion Kit



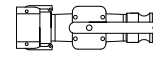
FM-SRD Flow Sensor



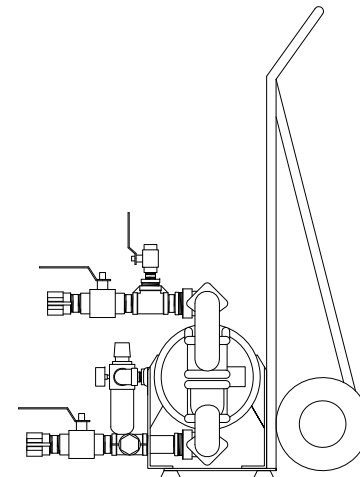
UT-8A 2" Diffuser Pipe



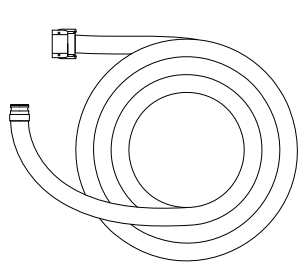
UT-10C Mounting Panel



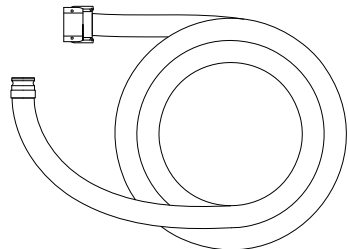
BV-1.5SS-MxF
Sluice Isolation Valve
Qty: 2



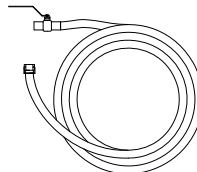
AP-65 Sluice Pump
NOTE: Not supplied with system.



FPS-1.5x50 Sluice Hose
Qty: 2

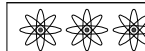


PH-2x25 Discharge Hose



SH-.5x100 Sample Hose

NOTE:
All Items Shown come with the UD-36A in listed quantity
except as noted.



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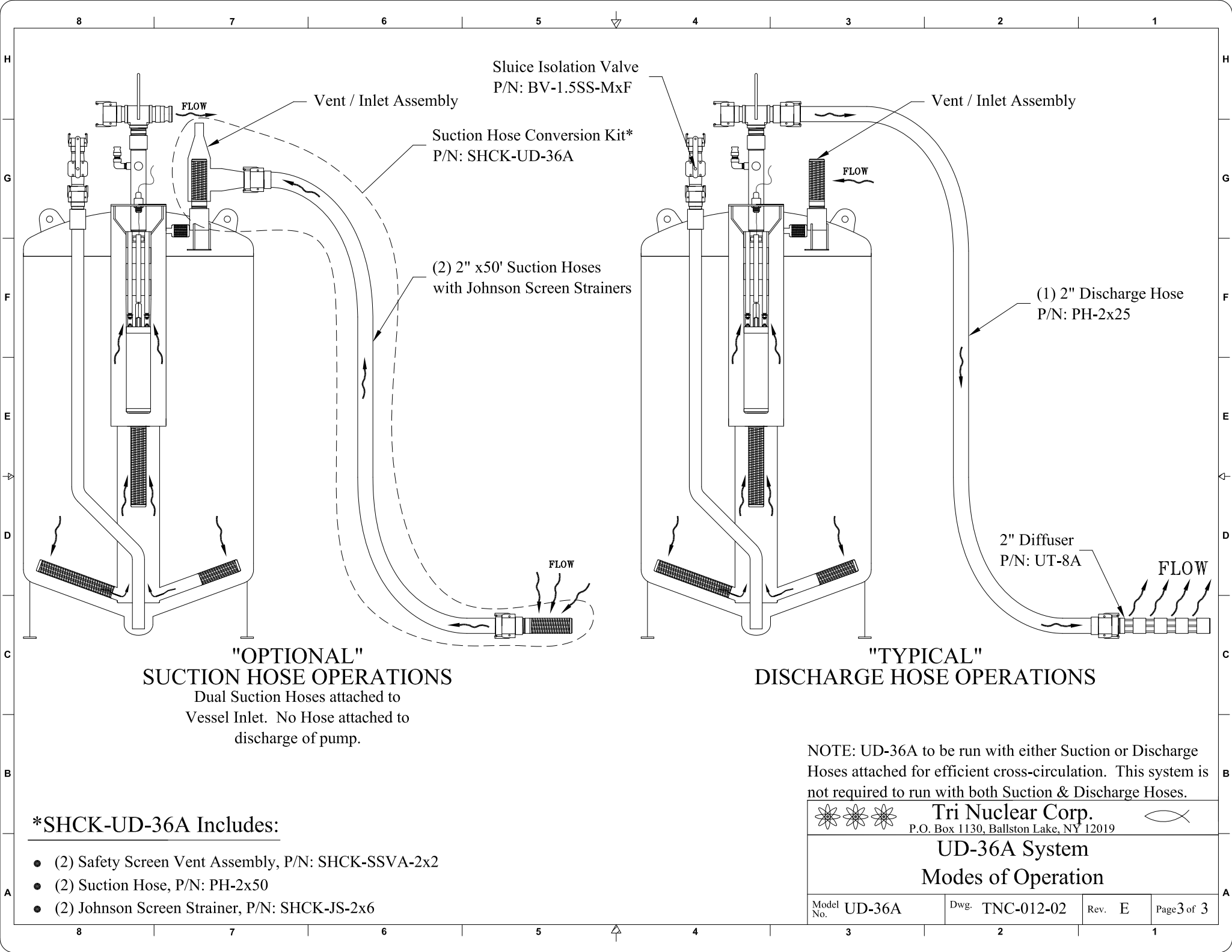
UD-36A System
Part Identification

Model No. **UD-36A**

Dwg. **TNC-012-02**

Rev. **E**

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**"OPTIONAL"
SUCTION HOSE OPERATIONS**

Dual Suction Hoses attached to Vessel Inlet. No Hose attached to discharge of pump.

**"TYPICAL"
DISCHARGE HOSE OPERATIONS**

***SHCK-UD-36A Includes:**

- (2) Safety Screen Vent Assembly, P/N: SHCK-SSVA-2x2
- (2) Suction Hose, P/N: PH-2x50
- (2) Johnson Screen Strainer, P/N: SHCK-JS-2x6

NOTE: UD-36A to be run with either Suction or Discharge Hoses attached for efficient cross-circulation. This system is not required to run with both Suction & Discharge Hoses.

 Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019		
UD-36A System Modes of Operation		
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