

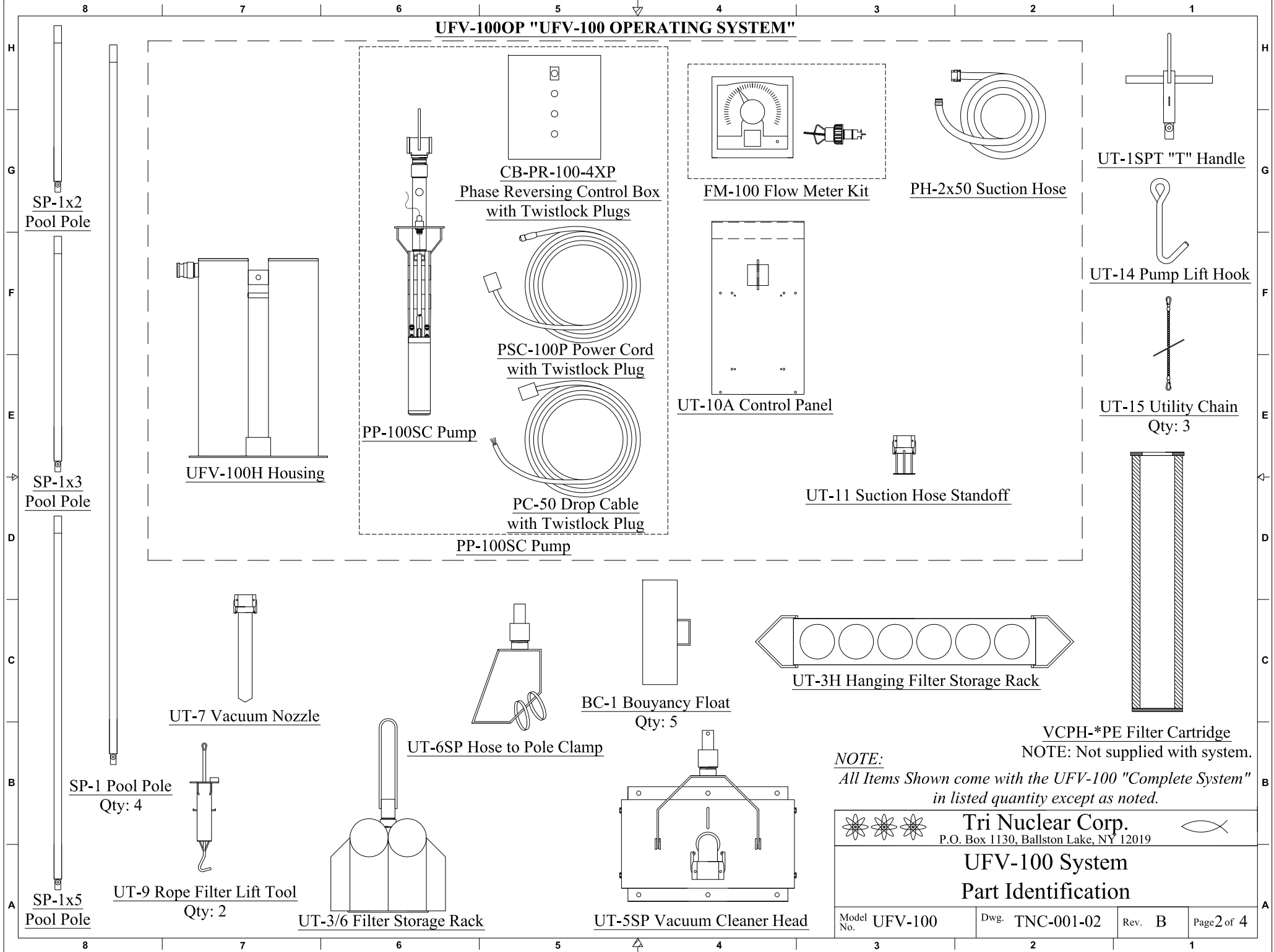


General Specifications:

- Designed for Vacuuming & Maintaining Water Clarity
- 100 GPM, 1 Filter Unit (83 GPM @ 50 Hz)
- Power Requirements: 2HP, 460V, 3 PH, 60 Hz, 4.4A
- Power Requirements: 2HP, 380V, 3 PH, 50 Hz, 4.2A
- All Material - Stainless Steel
- System Operation: Negative Pressure
- Max Operating Temperature: 140 °F
- Empty Weight (Housing and Pump): 120#
- Weight Full of Water (Housing and Pump): 260#
- One 50 Foot 2" Suction Hose with Standoff
- Gravity Seated Pump in Pump Housing
- Single Tri Nuclear Filter Cartridges

 Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019			
Underwater Filter Vacuum Unit UFV-100			
Model No.	UFV-100	Rev. Date	Rick Russell 07/22/14
Dwg.	TNC-001-02	Apv'd Date	James L. Warden 07/22/14
		Rev.	B
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UFV-100OP "UFV-100 OPERATING SYSTEM"



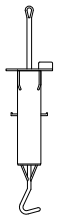
SP-1x2
Pool Pole

SP-1x3
Pool Pole

SP-1x5
Pool Pole

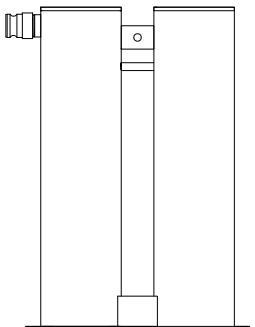
SP-1 Pool Pole
Qty: 4

UT-7 Vacuum Nozzle

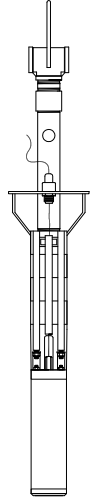


UT-9 Rope Filter Lift Tool
Qty: 2

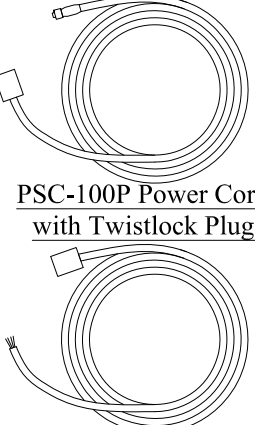
UFV-100H Housing



PP-100SC Pump

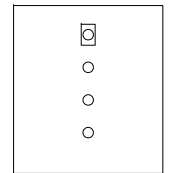


PP-100SC Pump

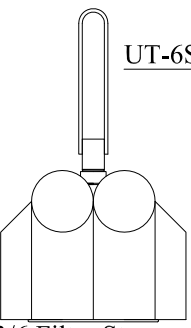


PSC-100P Power Cord
with Twistlock Plug

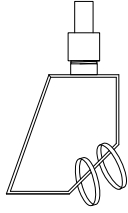
CB-PR-100-4XP
Phase Reversing Control Box
with Twistlock Plugs



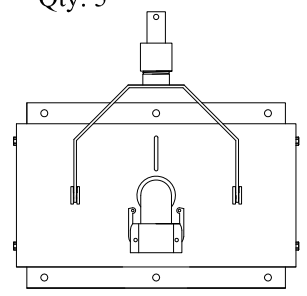
UT-6SP Hose to Pole Clamp



UT-3/6 Filter Storage Rack

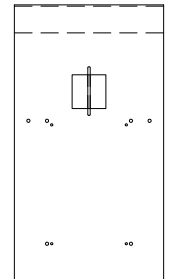


BC-1 Bouyancy Float
Qty: 5

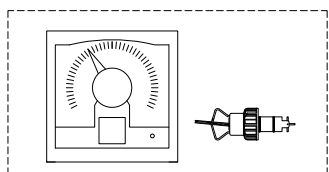


UT-5SP Vacuum Cleaner Head

UT-10A Control Panel



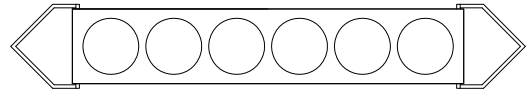
FM-100 Flow Meter Kit



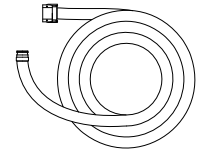
UT-11 Suction Hose Standoff



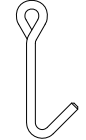
UT-3H Hanging Filter Storage Rack



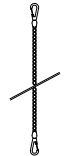
PH-2x50 Suction Hose



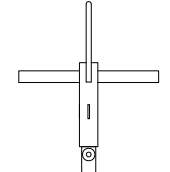
UT-14 Pump Lift Hook



UT-15 Utility Chain
Qty: 3



UT-1SPT "T" Handle

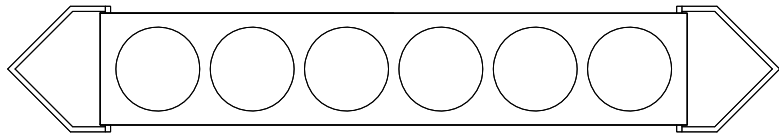


VCPH-*PE Filter Cartridge
NOTE: Not supplied with system.

NOTE:
All Items Shown come with the UFV-100 "Complete System"
in listed quantity except as noted.

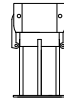
		Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019	
UFV-100 System Part Identification			
Model No.	UFV-100	Dwg.	TNC-001-02
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8 7 6 5 4 3 2 1

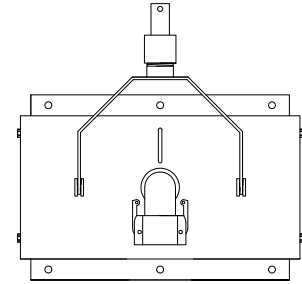


UT-3H Hanging Filter Storage Rack
Holds (6) Tri Nuclear Filter Cartridges
Dimensions: 42" x 8" x 4" (LWH)
Weight: 13.5#

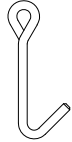
Swing Lift Bail



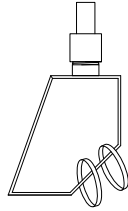
UT-11 Suction Hose Standoff
Attaches to 2" Suction Hose (Typically PH-2x50)
Dimensions: 3" Dia x 8" Lg.
Weight: 2.5#



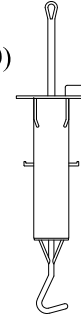
UT-5SP Vacuum Cleaner Head
Attaches to 2" Suction Hose (Typically PH-2x50)
Dimensions: 20" x 10" x 8"
Weight: 22.5#
Polypro Camlock Fitting



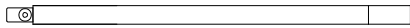
UT-14 Pump Lift Hook
Dimensions: 4-1/2" x 5/8" x 8"
Weight: 1#



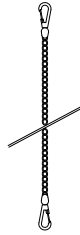
UT-6SP Hose to Pole Clamp
Dimensions: 13-3/4" x 8" x 2"
Weight: 2.5#



UT-9 Rope Filter Lift Tool
Dimensions: 5" Dia x 24-3/4" Lg.
Weight: 4.5#



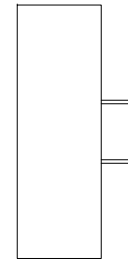
SP-1x2 Pool Pole
Dimensions: 1" Dia x 2' Lg.
Weight: 2#



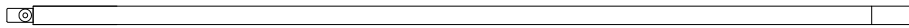
UT-15 Utility Chain
Attaches to UT-5SP & UT-9
Dimensions: 50' Lg.
Weight: 2#



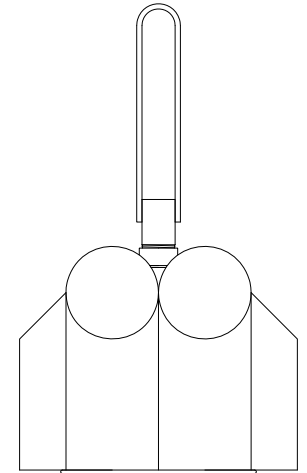
SP-1x3 Pool Pole
Dimensions: 1" Dia x 3' Lg.
Weight: 3#



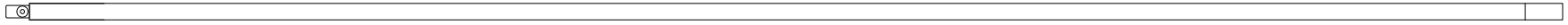
BC-1 Bouyancy Float
Dimensions: 6" Dia x 12" Lg.
Weight: 8.5#



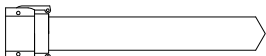
SP-1x5 Pool Pole
Dimensions: 1" Dia x 5' Lg.
Weight: 5#



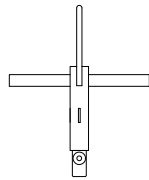
UT-3/6 Filter Storage Rack
Holds (6) Tri Nuclear Filter Cartridges
Dimensions: 20" Dia x 33" High
Weight: 50#



SP-1 Pool Pole
Dimensions: 1" Dia x 10' Lg.
Weight: 10#



UT-7 Vacuum Nozzle
Attaches to 2" Suction Hose (Typically PH-2x50)
Dimensions: 2" Dia x 18" Lg.
Weight: 4#



UT-1SPT "T" Handle
Dimensions: 10" x 10" x 1"
Weight: 2#

● All Material - Stainless Steel



Tri Nuclear Corp.
P.O. Box 1130, Ballston Lake, NY 12019



UFV-100
Accessory Tooling

Model No. **UFV-100**

Dwg. **TNC-001-02**

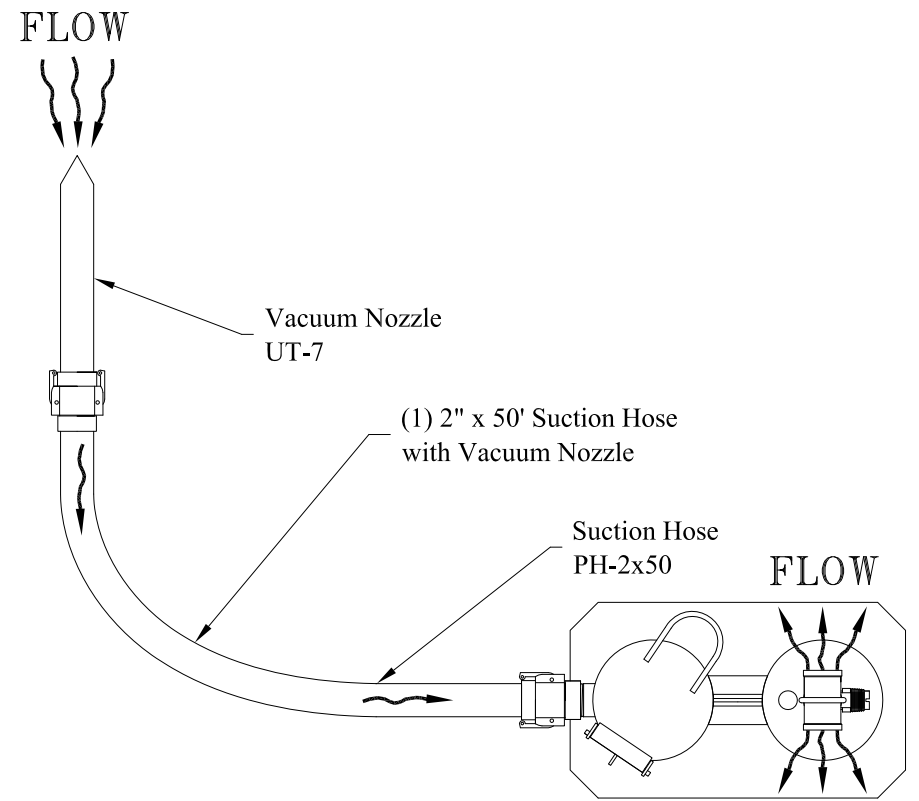
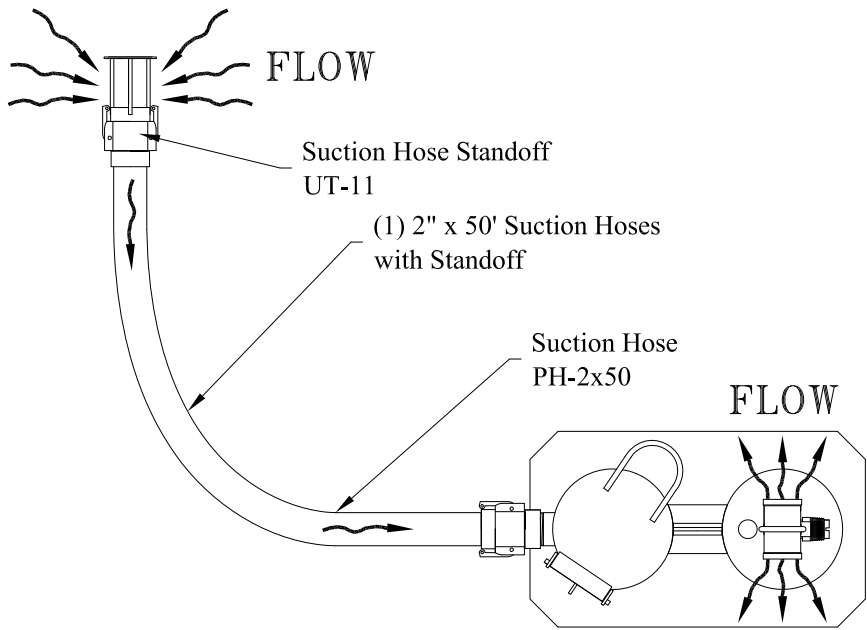
Rev. **B**

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WATER CLARITY OPERATIONS

VACUUMING OPERATIONS



* NOTE: UFV-100 Must be run with Suction Hose attached.

		Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019			
UFV-100 System Modes of Operation					
Model No.	UFV-100	Dwg.	TNC-001-02	Rev.	B
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