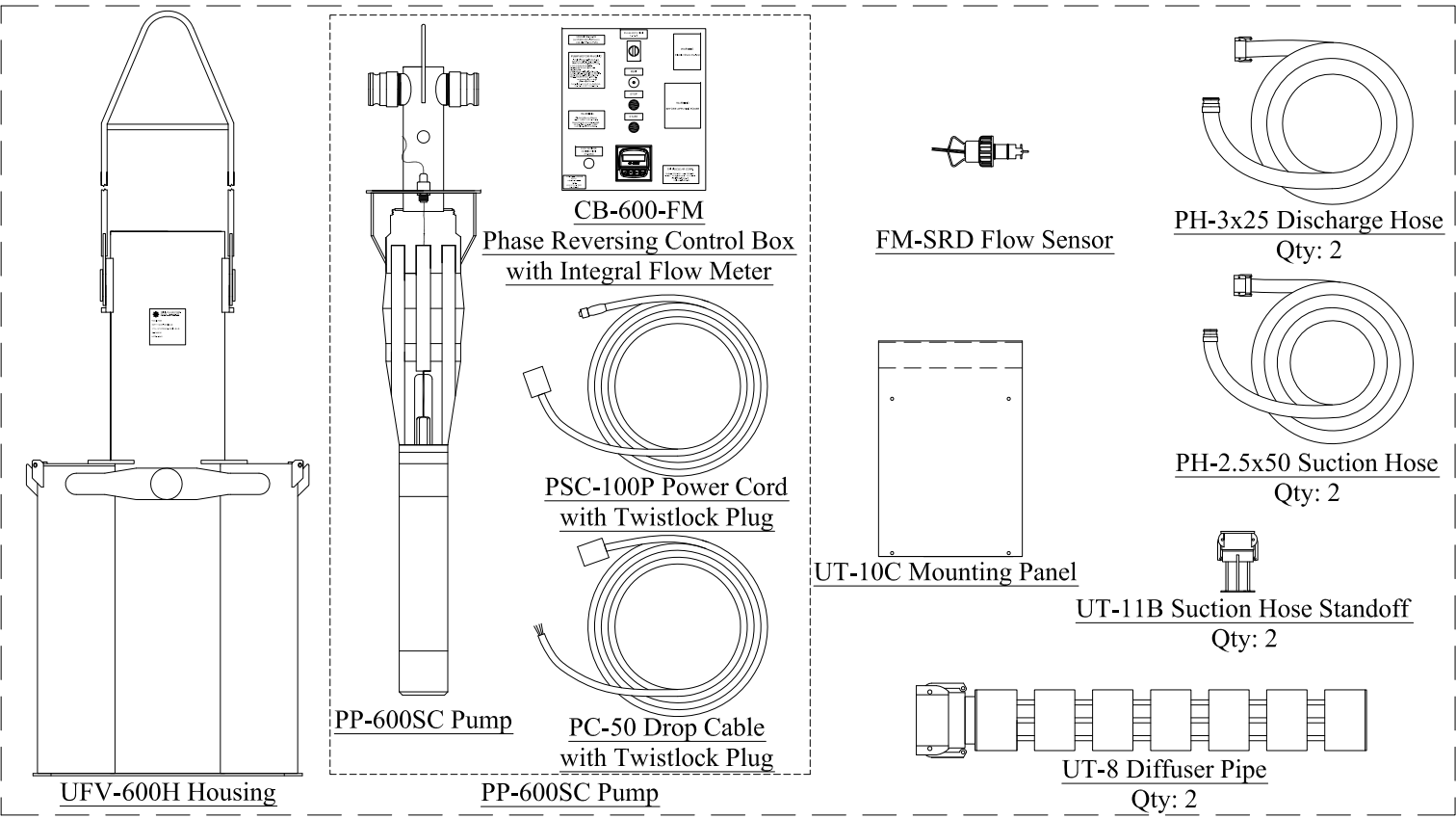


General Specifications:

- High Flow for Vacuuming & Maintaining Water Clarity
- 600 GPM, 4 Filter Unit
- Power Requirements: 15HP, 460V, 3 PH, 60 Hz, 24.5A
- All Material - Stainless Steel
- System Operation: Negative Pressure
- Max Operating Temperature: 140 °F
- Empty Weight (Housing and Pump): 550 lb.
- Weight Full of Water (Housing and Pump): 1,055 lb.
- Two 25 Foot 3" Discharge Hoses with Diffusers
- Two 50 Foot 2-1/2" Suction Hoses with Standoffs
- Gravity Seated Pump in Pump Housing
- Four Tri Nuclear Filter Cartridges

		Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019			
Underwater Filter Vacuum Unit UFV-600					
Model No.	UFV-600	Rev. Date	Rick Russell 08/25/17	Brochure Page 1 of 4	
Dwg.	TNC-004-02	Apv'd Date	James L. Warden 08/30/17		

UFV-600OP "UFV-600 OPERATING SYSTEM"



SP-1x2 Pool Pole

SP-1x3 Pool Pole

SP-1 Pool Pole Qty: 4

SP-1x5 Pool Pole

UFV-600H Housing

CB-600-FM Phase Reversing Control Box with Integral Flow Meter

PP-600SC Pump

PP-600SC Pump

PSC-100P Power Cord with Twistlock Plug

PC-50 Drop Cable with Twistlock Plug

FM-SRD Flow Sensor

UT-10C Mounting Panel

PH-3x25 Discharge Hose Qty: 2

PH-2.5x50 Suction Hose Qty: 2

UT-11B Suction Hose Standoff Qty: 2

UT-8 Diffuser Pipe Qty: 2

UT-1SPT "T" Handle

UT-14 Pump Lift Hook

UT-7-2.5 Vacuum Nozzle

UT-6SP Hose to Pole Clamp

UT-9 Rope Filter Lift Tool Qty: 2

UT-3/6 Filter Storage Rack

BC-1 Bouyancy Float Qty: 5

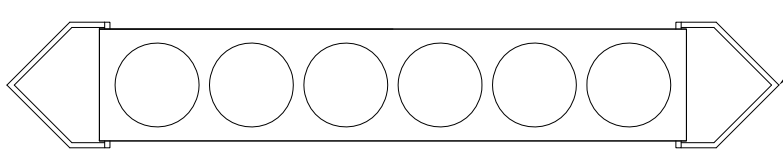
UT-3H Hanging Filter Storage Rack

UT-5SP-2.5 Vacuum Cleaner Head

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

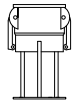
NOTE:
All Items Shown come with the UFV-600 "Complete System" in listed quantity except as noted.

		Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019			
UFV-600 System Part Identification					
Model No.	UFV-600	Dwg.	TNC-004-02	Rev.	E
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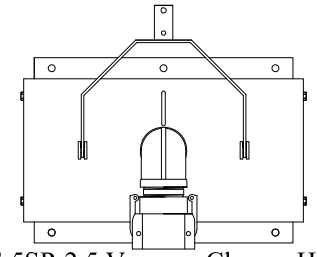


UT-3H Hanging Filter Storage Rack
Holds (6) Tri Nuclear Filter Cartridges
Dimensions: 42" x 8" x 4" (LWH)
Weight: 13.5#

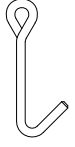
Swing Lift Bail



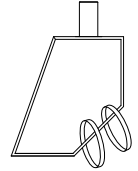
UT-11B Suction Hose Standoff
Attaches to 2-1/2" Suction Hose (Typically PH-2.5x50)
Dimensions: 3" Dia x 8" Lg.
Weight: 3.5#



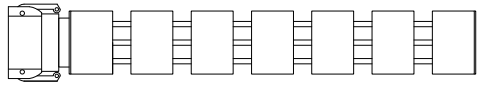
UT-5SP-2.5 Vacuum Cleaner Head
Attaches to 2-1/2" Suction Hose (Typically PH-2.5x50)
Dimensions: 20" x 10" x 8"
Weight: 23.5#
Polypro Camlock Fitting



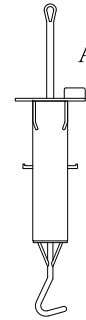
UT-14 Pump Lift Hook
Dimensions: 4-1/2" x 5/8" x 8"
Weight: 1#



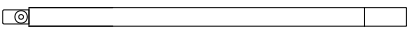
UT-6SP Hose to Pole Clamp
Dimensions: 13-3/4" x 8" x 2"
Weight: 2#



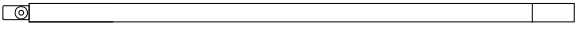
UT-8 Diffuser Pipe
Attaches to 3" Discharge Hose (Typically PH-3x25)
Dimensions: 3-1/2" Dia x 33-1/2" Lg.
Weight: 15#



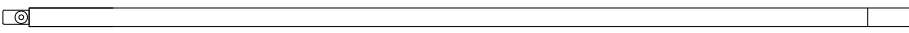
UT-9 Rope Filter Lift Tool
Dimensions: 5" Dia x 24-3/4" Lg.
Weight: 4.5#



SP-1x2 Pool Pole
Dimensions: 1" Dia x 2' Lg.
Weight: 2.5#



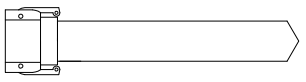
SP-1x3 Pool Pole
Dimensions: 1" Dia x 3' Lg.
Weight: 3#



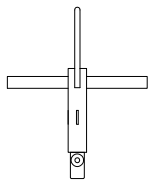
SP-1x5 Pool Pole
Dimensions: 1" Dia x 5' Lg.
Weight: 5#



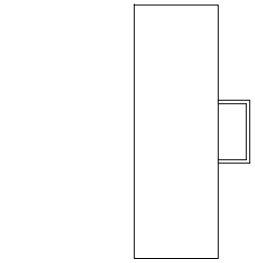
SP-1 Pool Pole
Dimensions: 1" Dia x 10' Lg.
Weight: 9#



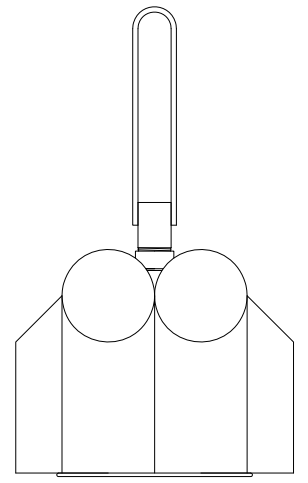
UT-7-2.5 Vacuum Nozzle
Attaches to 2-1/2" Suction Hose (Typically PH-2.5x50)
Dimensions: 3" Dia x 20" Lg.
Weight: 7.5#



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





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



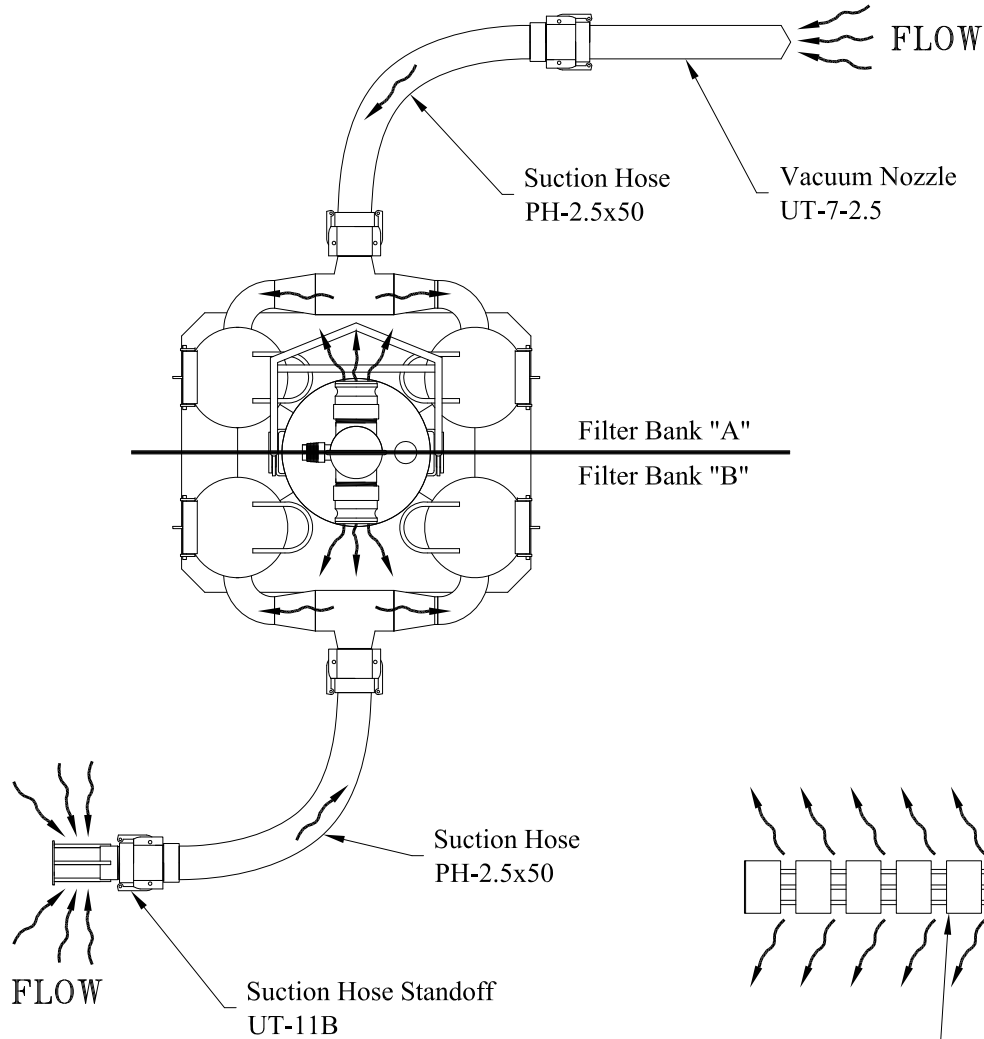
UT-3/6 Filter Storage Rack
Holds (6) Tri Nuclear Filter Cartridges
Dimensions: 20" Dia x 33" High
Weight: 50#

● All Material - Stainless Steel

 Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019			
UFV-600 Accessory Tooling			
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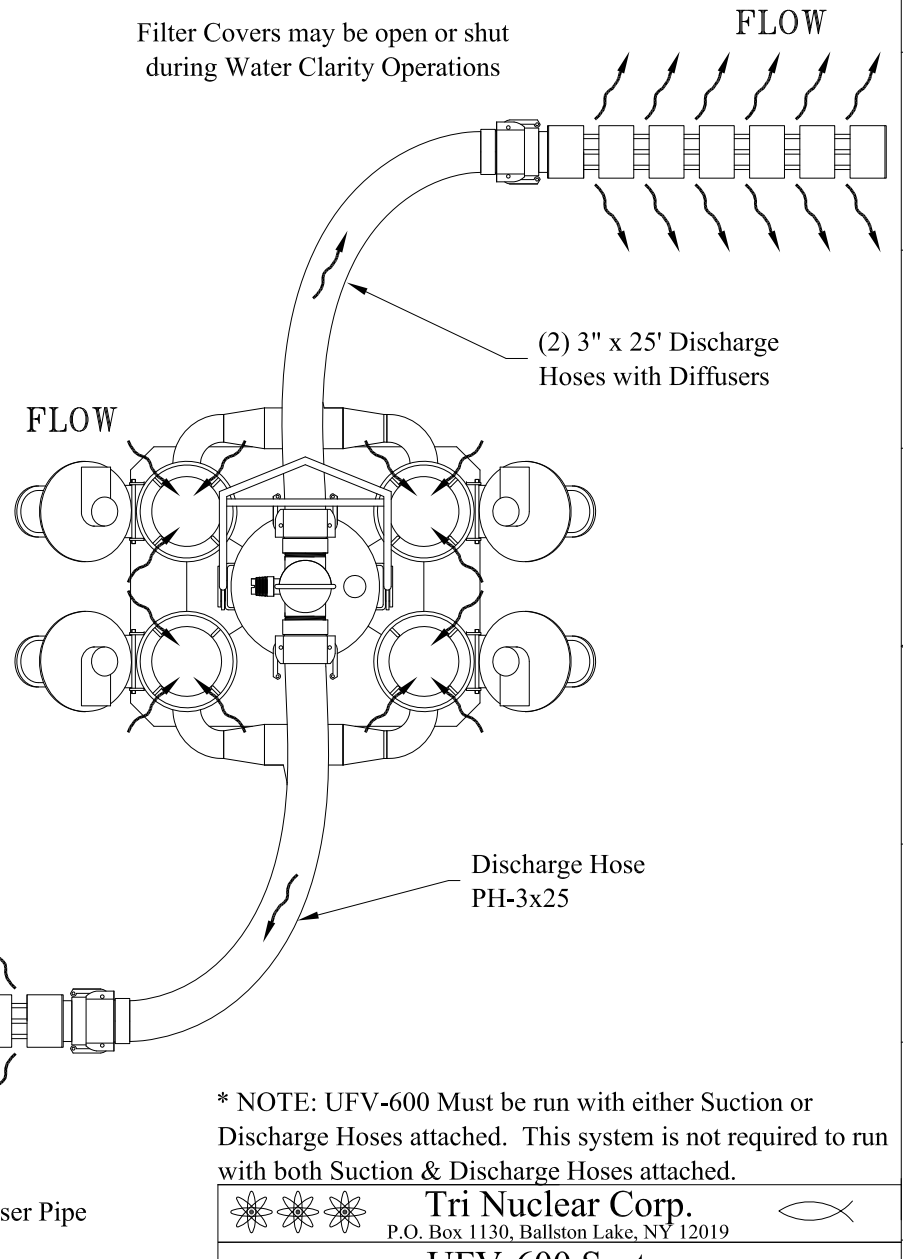
VACUUMING OPERATIONS

NOTE: Each Suction Hose is tied to a single bank of 2 filters.
 Vacuuming with one Suction Hose can cause an imbalance in filter loading between the two banks of filters.





WATER CLARITY OPERATIONS

Filter Covers may be open or shut during Water Clarity Operations



* NOTE: UFV-600 Must be run with either Suction or Discharge Hoses attached. This system is not required to run with both Suction & Discharge Hoses attached.

 Tri Nuclear Corp. P.O. Box 1130, Ballston Lake, NY 12019		
UFV-600 System Modes of Operation		
Model No. UFV-600	Dwg. TNC-004-02	Rev. E
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