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, Ballaton Lake, NY 12019

Underwater Filter Vacuum Unit
UFV-600

Model No. UFV-600  Rev. Rick Russell  08/25/17  Brochure
Dwg. TNC-004-02  App'd James L. Warden  08/30/17  Rev. E  Page 1 of 4
**UFV-600 OPERATING SYSTEM**

- **UFV-600H Housing**
- **PP-600SC Pump**
- **UT-7-2.5 Vacuum Nozzle**
- **UT-6SP Hose to Pole Clamp**
- **SP-1 Pool Pole Qty: 4**
- **SP-1x5 Pool Pole**
- **SP-1x2 Pool Pole**
- **UT-9 Rope Filter Lift Tool Qty: 2**
- **UT-5SP-2.5 Vacuum Cleaner Head**
- **UT-3H Hanging Filter Storage Rack**
- **VTCH-PF Filter Cartridge**

**NOTE:**

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

**Part Identification**

- **Model No:** UFV-600
- **Rev:** E
- **Page:** 2 of 4

---

**Tri Nuclear Corp.**

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

**UFV-600 System**

---
**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

- **FLOW**
- **PH-2.5x50**
- **Vacuum Nozzle**
- **UT-7-2.5**

**FLOW**

- **PH-2.5x50**
- **Suction Hose Standoff**
- **UT-11B**

**FLOW**

- **Discharge Hose**
- **PH-3x25**
- **Diffuser Pipe**
- **UT-8**

---

*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.*

---

**UFV-600 System**

**Modes of Operation**

---

**Tri Nuclear Corp.**

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

---

Model No. UFV-600  Deg. TNC-004-02  Rev. E  Page 4 of 4