

## Equipment Guide List

Underwater Filter/Vacuum System Model UFV-100

| TNC Part Number   | Description  | UFV-100 Complete Qty | UFV-100 Operating System Qty |
|-------------------|--|----------------------|------------------------------|
| UFV-100H          | Basic Housing for UFV-100 system   | 1                    | 1                            |
| PP-100SC          | Grundfos pump, 2HP, 460V/3Ph/60Hz, w/cover & SC connector                                  | 1                    | 1                            |
| Note 1            | CB-PR-100-4XP PHASE REVERSING control box with twist lock plugs                            | 1                    | 1                            |
|                   | PSC-100P Power Cable with twist lock plug (100ft 10/4 SO Cable w/ male twistlock plug)     | 1                    | 1                            |
|                   | PC-50 drop cable with twist lock plug (50ft 10/4 SO Cable w/ female twistlock connector)   | 1                    | 1                            |
| FM-100            | Flow Meter Kit, includes 0-200 GPM analog meter and paddlewheel flow sensor w/100 ft cable | 1                    | 1                            |
| PH-2x50<br>Note 2 | 2" x 50' hose with MxF camlock couplers  | 1                    | 1                            |
| SP-1              | Stainless Steel Pool Pole, 1" Dia x 10ft lg, with pinned coupler.                          | 4                    |                              |
| SP-1x5            | Stainless Steel Pool Pole, 1" Dia x 5ft lg, with pinned coupler.                           | 1                    |                              |
| SP-1x3            | Stainless Steel Pool Pole, 1" Dia x 3ft lg, with pinned coupler.                           | 1                    |                              |
| SP-1x2            | Stainless Steel Pool Pole, 1" Dia x 2ft lg, with pinned coupler.                           | 1                    |                              |
| BC-1              | Buoyancy Float   | 5                    |                              |
| UT-1SPT           | Stainless Steel Pool Pole "T" Handle   | 1                    |                              |
| UT-3/6            | Floor Storage Rack for (6) Tri Nuclear Filter Cartridges                                   | 1                    |                              |
| UT-3H             | Hanging Filter Storage Rack for (6) Tri Nuclear Filters                                    | 1                    |                              |
| UT-5SP            | Floor Vacuum Cleaner Head with UT-15 Utility Chain   | 1                    |                              |
| UT-6SP            | Hose to Pole Clamp   | 1                    |                              |
| UT-7SS            | Stainless Steel Vacuum Nozzle  | 1                    |                              |
| UT-9              | Rope Filter Lift Tool with UT-15 Utility Chain   | 2                    |                              |
| UT-10A            | Mounting Panel for mounting Flow Meter and Phase Reversing Control Box                     | 1                    | 1                            |
| UT-11             | Suction Hose Standoff  | 1                    | 1                            |
| UT-14             | Pump Lift Hook   | 1                    |                              |

NOTE 1: 380V/3Ph/50hz & 575V/3Ph /60Hz available

NOTE 2: EPDM alternatives are available for the PH-2x50 hoses.

# Materials of Construction

## Underwater Filter/Vacuum System Model UFV-100

The following is a list of the materials of construction for the Underwater Filter/Vacuum System Model UFV-100:

| Tri Nuclear Part No. | Description  | Materials of Construction  |
|----------------------|--|--|
| UFV-100H             | UFV-100 Housing  | 304 SS, 316 SS, Buna N O-rings                                       |
| PP-100SC             | 2HP Grundfos Pump & Motor Assembly   | 304 SS   |
|                      | CB-PR-100-4XP Phase Reversing Control Box  | Fiberglass Enclosure   |
|                      | PSC-100P Power Cable with twist lock plug (100ft 10/4 SO Cable w/ male twistlock plug)   | 10/4 SO Cable  |
|                      | PC-50 drop cable with twist lock plug (50ft 10/4 SO Cable w/ female twistlock connector) | 10/4 SO Cable  |
| FM-100               | Flow Meter Kit and Paddlewheel Sensor  | Polypropylene  |
| PH-2x50              | Suction Hose with MxF camlock couplers   | PVC hose with Polypropylene camlock couplers & 304SS crimped sleeves |
| SP-1                 | Pool Pole, 10' long  | 304 SS   |
| SP-1x5               | Pool Pole, 5' long   | 304 SS   |
| SP-1x3               | Pool Pole, 3' long   | 304 SS   |
| SP-1x2               | Pool Pole, 2' long   | 304 SS   |
| BC-1                 | Buoyancy Float   | 304 SS   |
| UT-1SPT              | Pool Pole Tee handle   | 304 SS   |
| UT-3H                | Hanging storage rack for (6) Tri Nuclear filters   | 304 SS   |
| UT-3/6               | Floor storage rack for (6) Tri Nuclear filters   | 304 SS   |
| UT-5SP               | Vacuum Cleaner Head  | 304 SS, Polypropylene  |
| UT-6SP               | Hose to Pole Clamp   | 304 SS   |
| UT-7                 | Vacuum Nozzle  | 304 SS, 316 SS female camlock coupler                                |
| UT-9                 | Rope Filter Lift tool  | 304 SS   |
| UT-10A               | Mounting Panel for Mounting Panel for Control box and Flow Meter                         | 304 SS   |
| UT-11                | Suction Hose Standoff  | 304 SS, 316 SS female camlock coupler                                |
| UT-14                | Pump Lift Hook   | 304 SS   |
| UT-15                | Utility Chain  | 316 SS   |

NOTE 2: EPDM alternatives are available for the PH-2x50 hoses.