

GreenScreens

The portable pump intake screen that helps ensure the safety of juvenile fish species in waterways during wildland firefighting, water transfer operations, construction projects, irrigation, or dewatering. All stock designs available up to 500GPM and help protect endangered fish species like chinook, salmon, and bull trout.

KEY BENEFITS

- **Federally Adopted** - standard catalog equipment in US fire caches - **NFES 0440**
- **Functional** - pre-filters the heavy debris (and juvenile fish) out of the water source BEFORE it gets to the foot valve. Design meets NOAA fish screening regulations for temporary use without impeding pump flow
- **LESS SAND/SILT IN TANKS** - The foot valve pre-filter holds the foot valve several inches off bottom. Reducing debris inside pumps, tanks, hose lays, fittings, nozzle tips, etc.
- **UV Resistant and Tough Mesh** - 200+lb/in tear strength
- **Collapsible** - saves room while being stowed away
- **Slip-On Style** - use only when needed
- **Improved Pump Life** - Less sand and debris through the pump head will improve the longevity of the pump
- **Secure** - tie it off to the suction hose with the furnished cam-locking webbing strap
- **Uniform Flow** - by design, the foot valve self-centers in the pre-filter and achieves uniform flow on all sides of the screen
- **Eliminates Vortex** - the screen breaks up the vortex that can occur in shallow water, improving pump performance
- **DOES NOT DECREASE PUMP FLOW**



Proper Installation

Insert the foot valve and suction hose into the collapsible-frame pre-filter until it contacts the self-centering bottom plate. Use the adjustable strap to secure the screen to the suction hose.

Storage

The adjustable strap and metal cam locking mechanism can be used to compress the mesh screen like a pancake for storage.



| Size Part Number | Small PF100 | Medium PF200 | Large PF350 | XL PF500 |
|---------------------------------|-------------|--------------|-------------|----------|
| Max GPM | 100 GPM | 200 GPM | 350 GPM | 500 GPM |
| Typical Suction Hose Size | 1"-2" | 2"-3" | 3"-4" | 3"-4" |
| Body Diameter | 6.75-in | 10-in | 12-in | 16-in |
| Body Length (Deployed) | 7-in | 7-in | 10-in | 10-in |
| Body Length (Collapsed) | 2-in | 2-in | 3-in | 3-in |
| Max Diameter of Foot Valve Base | 4.5-in | 6-in | 8-in | 8-in |
| 2026 List Price USD | \$85 | \$129 | \$259 | \$289 |

"These were a huge success... for a couple of reasons, less mud/debris going into the pump; stops crews from using spruce boughs; saves the smaller fish from getting sucked up into the pumps. Crews really liked them...Could help and eliminate a lot of mechanical problems going down the road." ~ Jim Thompson, Alberta Forestry & Parks

Technical Questions

www.zinvent.com | 877-900-7887 | info@zinvent.com