

# Fiberglass Equipment Shelters



Openchannelflow Fiberglass Equipment Shelters provide pre-engineered solutions to the need to protect and secure equipment. Light-weight and corrosion resistant, Openchannelflow Shelters are easy to install and are virtually maintenance free.

Each Openchannelflow Shelter comes pre-wired and ready for immediate installation. After marking out the desired installation, simply lift Shelter into position with the provided lifting eyes, apply the base gasketing, and then set the Shelter. The Shelter is secured by using the pre-drilled mounting flange, typically using wedge style stainless steel concrete anchors.

Just like our packaged metering manholes, Openchannel Shelters are designed for ease of installation. In this case, Lift It! Set It! Done!

## Insulating Core

At the heart of each Openchannelflow equipment Shelter is an insulating core. 2-inches [5.08 cm] thick and providing an aged R value of 10.4 H\* $\text{ft}^2$ \*°F/BTU [0.96 m<sup>2</sup>\*°C/W], this core provides double the insulating protection of offered on competing units.

Each section of insulation core is encapsulated by Openchannelflow's X-Web Technology. X-Web forms a grid of reinforcing cells that provide exceptional strength, even in high abuse environments. X-Web also provides additional insulation as each cell is isolated from those around it.

## Typical Shelter Applications:

- Water / Wastewater
  - Samplers / flow meters
  - Parameter monitoring
  - Chemical feed
  - Polymer blending
  - MCCs
  - Pump houses
- Oil & Gas
  - Well heads
  - Fire protection
  - Distribution
  - Power generation
- Transportation
  - Signal houses
  - Runway shelters
  - Switch gear
- Utility
  - CEMS
  - SCADA and AMR

## Standard Sizes:

- 4' [1.22 m]  
2'-6" to 8' [0.76 - 2.44 m]
- 6' [1.83 m]  
4' to 12' [2.22 - 3.66 m]
- 8' [2.44 m]  
4' to 16' [2.22 - 4.88 m]
- 10' [3.05 m]  
6' to 20' [1.83 - 6.10 m]
- 12' [3.66 m]  
8' to 20' [2.44 - 6.10 m]



Flumes - Shelters - Fiberglass Manholes - Enclosures - Weirs - Gauges

East Coast: Atlanta, Georgia | West Coast: Boise, Idaho

V: 866.435.8637 | F: 855.331.6457 | [www.openchannelflow.com](http://www.openchannelflow.com)

## Standard Equipment

Each Openchannelflow shelter is specified with a long list of standard equipment. We've take our decades of experience in designing and manufacturing fiberglass shelters and equipped our units with those features most requested by our customers. For many of our customers, the standard equipment provided with each shelter meets all of their needs.

- 3068 Door
  - Commercial grade hydraulic overhead door closer
  - Stainless steel three-point or Schlage keylocked ball knob
- Electrical
  - Pre-wired with stranded 12 gauge THHN in rigid PVC conduit
  - Square D 125 A main lug load center
  - Leviton 20A GFCI outlet with weather cover
  - Exterior Leviton duplex switch box for light and fan control
- HVAC
  - 585 CFM exhaust fan with screened hood
  - 10" x 10" fiberglass intake shutter with screened hood
  - 1,500 watt line powered heater with thermostat
- Lighting
  - Lithonia dust-tight, wet location 2-bulb fluorescent light
- Mounting
  - (2) 48" L fiberglass equipment mounting struts
  - Pre-drilled internal mounting flange

In selecting components to integrate into our shelters, OCF relies on those products that provide long service lives and good value for our customers.

- Bard
- Chromalox
- Leviton
- Lithonia
- National Guard Products
- Norton
- Schlage
- Square D
- Von Duprin

## Customization

While each Openchannelflow shelter comes with a long list of standard equipment, we also understand there is no one-size-fits all solution. Openchannelflow provides customization options all of our shelter components.

### Doors

- 30", 36", 40", 48" widths
- Double / roll-up doors
- Panic hardware

### HVAC

- Air conditioners / heat pumps
- Upgraded insulation
- LP heaters

### Electrical

- Main lug / main breaker panels
- Door mini / HOA switches
- TVSS

### Lighting

- Exterior LED, HPS, MH
- Exit / emergency lighting
- VDC lighting

### Floors

- Reinforced / insulated
- Elevated spill containment
- Forklift pockets

### Customization

- Custom colors
- Partition walls
- Windows



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