



WATERTRONICS®



COMPOSITE ENCLOSURES



WATERTRONICS COMPOSITE ENCLOSURES provide secure equipment protection in a 100% non-corrosive, sound attenuating, and weatherproof structure. Pultruded fiberglass construction provides superior strength and an open panel design allows for complete accessibility. Designed to resist damage from impact, chemicals, and environmental conditions along with the ability to be temperature controlled, Composite Enclosures are an ideal solution for applications such as pump station houses, chiller units, chemical storage and filtration skids.



DESIGN BENEFITS



RELIABLE

100% Non-corrosive, maintenance-free composite material—not susceptible to rust, rot or insect infestation.



RESILIENT

Superior impact-resistant exterior.



NON-DISRUPTIVE

Sound attenuating—natural composite material provides average sound reduction of 11dB.



READY-TO-GO

Arrives fully assembled and generally does not require a building permit.



VERSATILE

New construction or retrofit for existing installations.



WIND & SNOW RATED

Snow rated up to 50lb/sq ft and optional wind rated up to 160mph.

CNC MACHINED

CNC machined structural frame profiles offer superior strength and rigidity to the enclosure system. These structural profiles are manufactured from a FRP Pultruded composite matrix.



EXCEPTIONAL PAINT

Coated with a 40mil UV stable 2-part Polyurea top coat yielding an exterior finish with excellent impact and abrasion qualities.

Enclosures come standard in either Sandstone or Green. Custom colors are available upon request.



REINFORCED ROOF

Roof and panel assemblies are manufactured from a light-weight 32lb density fiberglass reinforced urethane foam board that is bonded together utilizing a structural adhesive system. The culmination of these materials provides an incredible strength-to-weight ratio for the backbone of the composite enclosure system.



MODULAR DESIGN

Modular design construction, including removable roof, allows for 360° serviceability.



EXTRA ACCESSIBILITY

Stainless steel lift-off door hinges allow door panels to be completely removed for added interior accessibility.



ACOUSTIC AND THERMAL INSULATION

Acoustic insulation reduces sound, lowering ambient noise levels, while thermal insulation improves heating and cooling efficiency.





STANDARD FEATURES

- ◆ Panel construction: 32lb density closed-cell fiberglass reinforced urethane foam board
- ◆ Enclosure coating: 40mil UV stable 2-part Polyurea top coat
- ◆ Stainless Steel hardware—including lockable door handles, lift-off hinges, and fasteners
- ◆ Shingled roof
- ◆ Thermostat-controlled fan
- ◆ LED interior lighting
- ◆ Floor drain
- ◆ 120V outlet
- ◆ Removable panels and doors
- ◆ Removable or split (16ft or larger) roof
- ◆ Cane bolt door panel kickstands
- ◆ Sandstone or Green enclosure color
- ◆ Delivered fully assembled
- ◆ 2 year warranty
- ◆ Tested to 50lb/sq ft snow load
- ◆ Factory skid mounted to Watertronics Pump Station
- ◆ UL-Listing with UL-Listed Watertronics Packaged Pump Station

OPTIONS

- ◆ Acoustic insulation—up to 20dB reduction
- ◆ Thermal insulation—R10
- ◆ Exterior lighting
- ◆ Internal heater
- ◆ Service disconnect pull box
- ◆ Custom enclosure color
- ◆ PE stamped 160mph wind rated structural design for hurricane regions

APPLICATIONS

- ◆ Pump house
- ◆ Chiller enclosure
- ◆ Equipment protection
- ◆ Chemical storage
- ◆ Filter skids

EXTREME DUTY PROTECTION

Watertronics offers the industry's only all composite hurricane rated enclosure.

- ◆ PE stamped 160mph wind loaded rated structural design option available for hurricane regions
- ◆ Snow load tested to 50lb/sq ft



This composite enclosure in Naples, FL, withstood the impact of Hurricane Irma in 2017.



DELIVERY AND INSTALLATION

Composite Enclosures arrive onsite fully assembled to expedite installation and eliminate site downtime due to construction. **Building permits generally not required.**



SIZE AVAILABILITY

Composite Enclosures are available in predetermined sizes for both standard enclosures and PE stamped wind-load rated enclosures. Consult factory for custom enclosure sizing.

COMPOSITE ENCLOSURE STANDARD SIZING

		LENGTH														
WIDTH	INCHES	72"	84"	96"	108"	120"	132"	144"	156"	168"	180"	192"	204"	216"	228"	240"
	FEET	6'0"	7'0"	8'0"	9'0"	10'0"	11'0"	12'0"	13'0"	14'0"	15'0"	16'0"	17'0"	18'0"	19'0"	20'0"
	72"	6'0"		✓	✓	✓	✓	✓								
	78"	6'6"	✓	✓	✓	✓	✓	✓	✓	✓	✓					
	84"	7'0"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	90"	7'6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	96"	8'0"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	98"	8'2"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	102"	8'6"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Sizes that can be wind rated

NOTE: Due to roof overhang and hardware, any enclosure larger than 98" wide is considered to be a wide load for transport as the overall dimension exceeds the 102" standard shipping threshold.



For more information, scan the code, visit watertronics.com, or call 1-800-356-6686.



Watertronics PSN provides nationwide technical service for installation, startup, user training, maintenance and parts sales.

