

OWNER'S MANUAL



Wet Weather GENERATOR COVER 3000-10000 Watt Models





SAVE THESE INSTRUCTIONS Important safety instructions are included in this manual.

ASSEMBLED IN USA REV 100376-20160919 12039 Smith Ave. Santa Fe Springs CA 90670 USA / 1-877-338-0999 www.championpowerequipment.com

Getting Help is Easy

Need help for your particular generator or want us to double check your installation? E-mail your questions or pics to support@gentent.com, and include the make and model of your generator.

Product Registration

If you purchased from www.gentent.com, your product is already registered. Otherwise, please visit www.gentent.com/RegStormShield or mail the completed page at the back of this manual, so that we can establish your purchase date and keep you informed of any periodic updates.

Installation Addendums

Installation addendums exist for certain generators. Please review www.gentent.com/docs to see if there is one for your generator.



Free Installation Videos

www.gentent.com/installation

For residents of California:

WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects and other reproductive harm.

*We are always working to improve our products. Therefore, the enclosed product may differ slightly from the image on the cover.



Wet Weather GENERATOR COVER 3000 - 10000 Watt Models

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INTRODUCTION

Every effort has been made to ensure the accuracy and completeness of the information in this manual, and we reserve the right to change, alter and/or improve the product and this document at any time without prior notice.

We highly value your safety and the safety of others and we would like you to take the time to review this product manual and other product materials thoroughly and be fully aware and knowledgeable of the assembly, operation, dangers and maintenance of the product before use. Fully familiarize yourself, and make sure others who plan on operating the product fully familiarize themselves too, with the proper safety and operation procedures before each use. Please always exercise common sense and always err on the side of caution when operating the product to ensure no accidents, property damage, or injury occurs.

Record the model number as well as date and place of purchase for future reference. Save your purchase receipt. A copy may be required for service. Have this information available when ordering parts and when making technical or warranty inquiries.

Customer Support				
781-334-8368				
Model Number				
100376				
Date of Purchase				
Purchase Location				

This manual uses the following symbols to help differentiate between different kinds of information. The safety symbol is used with a key word to alert you to potential hazards in operating and owning power equipment. Follow all safety messages to avoid or reduce the risk of serious injury or death.

\land DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, *will* result in death or serious injury.

MWARNING

WARNING indicates a potentially hazardous situation which, if not avoided, *could* result in death or serious injury.

! CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, *may* result in minor or moderate injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, *may* result in property damage.

NOTE

If you have questions regarding your StormShield, we can help. Please call our help line at **781-334-8368**.

SAFETY RULES

Please review these important safety warnings, cautions and notes in order to assure safe and effective use of your generator in wet weather.

\land WARNING

Always shut generator off before any fueling or maintenance procedures.

\land WARNING

Running engines produce heat. Severe burns can occur on contact. Combustible material can catch fire on contact.

DO NOT touch hot surfaces. Avoid contact with hot exhaust gases. Allow equipment to cool before touching. Maintain at least 3 ft. (91.4 cm) of clearance on all sides to ensure adequate cooling. Maintain at least 5 ft. (1.5 m) of clearance from combustible materials.

\land WARNING

NEVER position the refueling door on the same side of the generator as the exhaust muffler. Spilled gasoline can result in fire.

\land DANGER

Generator exhaust contains carbon monoxide, a colorless, odorless, poison gas. Breathing carbon monoxide will cause nausea, dizziness, fainting or death. If you start to feel dizzy or weak, get to fresh air immediately.

Operate generator outdoors only in a well ventilated area.

DO NOT operate the generator inside any building, including garages, basements, crawlspaces and sheds, enclosure or compartment, including the generator compartment of a recreational vehicle. DO NOT allow exhaust fumes to enter a confined area through windows, doors, vents or other openings.

DANGER CARBON MONOXIDE: using a generator indoors CAN KILL YOU IN MINUTES.

\land WARNING

NEVER block or cover the generator exhaust muffler in any way. StormShield canopy must be installed above generator exhaust muffler. Install StormShield electrical skirts such that they cannot block exhaust in any way. Keep the StormShield canopy at least 6 inches away from direct contact with the exhaust.

A WARNING

ALWAYS install included washer between the knob and the clamp base AND between the bolt head and clamp base. Tightening the knob without using the washer VOIDS the WARRANTY as it risks breakage.

A WARNING

NEVER use the StormShield on a generator whose muffler is openly exposed at the top of the generator. These generators are disqualified and VOID the WARRANTY of the StormShield.

! CAUTION

Over tightening clamps should be avoided. Two turns after the knob seats to the washer/clamp is enough.

If you notice the mouth of the clamp pulling away from the frame, the clamping strength has been reduced and the knob should be loosened.

() CAUTION

Always grasp fiberglass rods firmly during installation to avoid the whipping motion that can occur when a bent fiberglass rod is mistakenly released.

! CAUTION

Avoid using your portable generator in hurricane force winds above 70mph. (112.7 km/h)

NOTE

Should StormShield cover block pull starter, it is advisable to release the elastic straps on the pull starter side and temporarily move StormShield canopy out of the way.

NOTE

When using StormShield during snow storms, it is recommended to periodically brush away any accumulation that blocks the top vent.

NOTE

Should generator handle cause significant stretching of the elastic straps when extended, it is advisable to release the elastics straps on the handle side of the generator before extending generator handles.

PACKAGE CONTENTS

StormShield



Your StormShield Wet Weather Generator Cover ships with the following parts:

_	Product and Safety Manual
_	StormShield Canopy 1
_	Short Side Electrical Skirt (std opaque)
_	Long Side Electrical Skirt (std opaque)
_	Central Connector with Vent Rod
_	40 in. (101.6 cm) Fiberglass Frame Rods 4
_	StormShield Clamp Main Body
_	StormShield Clamp Telescoping Rod
_	Self Locking StormShield Clamp Knobs 4
_	StormShield Clamp Washers
_	1/4 -20 x 1.25 in. (1/4-20 x 3.2 cm)
	Stainless Steel Carriage Bolts
_	StormShield Clamp Rubber Sleeves
_	Telescoping Rod Set Pins

Installation Overview

The StormShield Installs in three easy steps.

Clamp It

Install 4 clamps and set the telescoping rod length.

Frame It

Install frame rod to the center connector, then into the correct hole in the telescoping rod and repeat.

Cover It

Slide the StormShield canopy over the frame and secure by sliding the elastic straps over and behind the clamp telescoping rod.

NOTE

In some cases adaptation of the portable generator frame is required to create a proper mounting point for the StormShield clamps. Most Champion branded portable generators do not need adaptation. Should you need to adapt your frame, adaption kits are available separately at 781-334-8368.

- 1. One corner needs to be adapted because:
 - a. A muffler heat shield or other panel is connected to a frame member that otherwise blocks the StormShield clamp from attaching directly to the proper location.
- 2. Four corners need to be adapted because:
 - a. The portable generator uses a square tubular frame that must be adapted to the round openings of the StormShield clamps.
 - b. The portable generator is a very small frame and requires length and width extension (see Clamp Adjustment tables on page 10).
 - c. Certain small Champion generators whose frame perimeter (length and width not including wheels or handles) is between 75 in. (190.5 cm) and 80 in. (203.2 cm) fall into the small frame category.

Once the StormShield is installed, it can be left in place during generator storage or easily removed and stored separately. Should you wish to store the generator with the StormShield attached, we recommend releasing the elastic straps in order to keep them fresh and ready.

Install StormShield Clamps on Generator Frame

1.) Determine whether the Rubber Sleeves are required

Your StormShield Clamp kit includes 4 rubber sleeve adapters meant for use on frame diameters less than 1.5 in (3.8 cm). Please see the following matrix:

	A (1 in.)	B (1.25 in.)	C (1.5 in.)
	(2.5 cm)	(3.2 cm)	(3.8 cm)
Use?	Yes	Yes	No

If you do not know the diameter of your frame tubes, simply cut out the Frame Diameter tool (pg. 11) and wrap it around the frame tube from right to left. Simply match the closest letter and follow the recommendation above.



2.) Assemble Clamp Parts

\land WARNING

ALWAYS install included washer between the knob and the clamp base AND between the bolt head and clamp base. Tightening the knob without using the washer VOIDS the WARRANTY as it risks breakage.

NOTE

It is very important that washers always be used between the knob and clamp body as well as between the bolt and the clamp body.

- 1. Slide telescoping rods into clamp bodies.
- 2. Install set pins through clamp bodies and telescoping rods.
- 3. Install washer on bolt and bolt through one end and into clamp.
- 4. Loosely install washer and self-locking knob onto carriage bolt.

ASSEMBLY

Assemble Clamp Parts Cont'd.



3.) Install Clamp on Generator Frame (or Frame Adapter)

The top edge of the first clamp should be installed below the electrical panel on your generator at the lower of these two measurements:

- 1. 9 in. (22.9 cm) below where the gas tank meets the frame, or
- 2. Directly below the electrical panel

🗢 NOTE

The goal is for the bottom of the main canopy to be at or slightly below where the tank connects to the frame; this way water can't get on the tank and trickle toward the outlets. Further, the top of the clamp should be located under the bottom of the lowest electrical outlet -- the electrical protection skirt will cover at least to the top of the clamp.

- a. For frames less than 1.5 in. (3.8 cm): slide rubber sleeve over frame member. Preferably position the rubber sleeve opening to face outward toward clamp opening (Fig. 3-A). (The rubber sleeve opening can face away from the clamp opening if this is not possible).
- b. Push clamp opening straight onto frame opening (Fig. 3-A). The clamp will pop over the frame. If rubber sleeve used, slide clamp up and over (Fig. 3-B). Do not over extend the mouth of the clamp!
- c. Position clamp diagonally from sides of the generator frame (Fig. 3-C).
- d. Tighten knob, centered on washer until clamp is firmly in place. This usually requires only 2 full turns once the knob/washer seat to the clamp body. Note that clamp strength is reduced by overtightening as the clamp mouth pulls away from the frame. In this case, slightly release the tension on the knob.

Install Clamp on Generator Frame (or Frame Adapter) Cont'd.

e. Repeat procedure on remaining three sides; position clamps at generally the same height.

(i) TIP

For 1.5 in. (3.8 cm) frames, apply electrical tape to the frame where the clamp will connect for added grip. Contact support for other options should you need more grip on 1.5 in. (3.8 cm) frames.



Fig. 3-A



Fig. 3-B



Fig. 3-C

Cut out the Frame Diameter tool and wrap it around the frame tube from right to left. Simply match the closest letter and follow the recommendation on page 6.



Page intentionally left blank

Frame Length (inches)

	_													
32				0	0	0	0	0	0	-	-	-	-	-
31.5			0	0	0	0	0	-	1	1	-	1	1	-
31	0	0	0	0	0	0	1	1	1	1	1	1	2	2
30.5	0	0	0	0	-	1	1	1	1	1	2	2	2	2
30	0	0	0	-	-	1	1	1	2	2	2	2	2	2
29.5	0	1	1	1	1	1	1	2	2	2	2	2	2	3
29	1	1	1	-	-	2	2	2	2	2	2	3	3	3
28.5	1	1	1	-	2	2	2	2	2	2	3	3	3	3
28	1	1	1	2	2	2	2	2	3	3	3	3	3	3
27.5	1	2	2	2	2	2	2	3	3	3	3	3	4	4
27	2	2	2	2	2	3	3	3	3	3	с	4	4	4
26.5	2	2	2	2	3	3	3	3	3	4	4	4	4	4
26	2	2	2	3	3	3	3	3	4	4	4	4	4	4
25.5	2	3	3	3	3	3	3	4	4	4	4	4	4	4
25	3	3	3	3	3	4	4	4	4	4	4	4	4	4
24.5	3	3	3	3	4	4	4	4	4	4	4	4	4	4
24	3	3	3	4	4	4	4	4	4	4	4	4	4	4
23.5	3	3	4	4	4	4	4	4	4	4	4	4	4	SMALL
23	3	4	4	4	4	4	4	4	4	4	4	4	SMALL	SMALL
	22.5	22	21.5	21	20.5	20	19.5	19	18.5	18	17.5	17	16.5	16

Frame Width (inches)

Champion StormShield Easy Adjustment Guide

Setting Notes:

0: Use inside frame rod slot on Storm Shield clamp telescoping rod Small: Requires frame extension using GTU Frame Adapter

Generator size beyond StormShield fit specification

4.) Set Rod Adjustment Pin

- 1. Reference Easy Adjustment Guide (previous page) for StormShield.
- 2. Measure length and width of generator frame to the outside of the frame members.
- 3. Find corresponding pin setting number in Easy Adjustment Guide.
- Set the telescoping rod location (Fig. 4-A and 4-B) based on the setting number from the Easy Adjustment Guide and install set pin to secure.

NOTE

- a. Rod location for setting 0 and 1 are the same (Fig. 4-A). Use the inside frame rod hole for setting 0 and the outside frame rod hole for settings 1-4.
- SMALL indicates that the use of a Four corner frame extension kit is required. The four corner frame extension kit is available directly from GenTent[®] Safety Canopies.



Fig. 4-A



Install StormShield Frame on the StormShield Clamps

- Position Central Connector with centered vent rod up (Fig. 5-A).
- 2. Position Central Connector so that short side and long side align with generator short and long sides, respectively.

NOTE

Each frame rod goes into the Central Connector hole first and then into the corresponding clamp hole.

3. Insert a fiberglass frame rod into Central Connector hole until it stops (Fig. 5-A).



Fig. 5-A

- Insert other end of the fiberglass rod fully into the correct clamp hole of the corresponding clamp (Fig. 5-B).
- 5. Insert second fiberglass rod fully into the opposite hole in the Central Connector.
- Grasping the end of this fiberglass rod, bend toward the opposite side clamp and insert fully into the correct hole (Fig. 5-B).

! CAUTION

Hold rod with two hands as shown; Fiberglass rod will be under tension, do not release!

- 7. Repeat for final two fiberglass rods (Fig. 5-C).
- 8. Recheck clamps; they should be firmly in place and may exhibit a slight upward lean.

Fig. 4-B

Install StormShield Frame on the StormShield Clamps Cont'd.



Fig. 5-B



Fig. 5-C

Secure StormShield Canopy Over StormShield Frame

- Position StormShield canopy over the frame. Be certain that the fueling door is not on the same side as the generator exhaust (Fig. 6-A).
- 2. Slide StormShield canopy over the frame so that all four corners are generally equal and level (Fig. 6-A).
- 3. Center StormShield canopy such that Vent Rod is centered under the top cap (Fig. 6-A).
- Slide one corner elastic over the corresponding clamp telescoping rod and set it under the clamp body, behind the set pin (Fig. 6-B).
- 5. Repeat on opposite corner, then on the remaining two corners. Recheck and adjust canopy if necessary.
- 6. Adjust clamps left to right as necessary so that Cover seams generally match the frame rods.
- 7. Recheck clamps; they should be firmly in place and may exhibit a slight upward lean.

Secure StormShield Canopy Over StormShield Tent Cont'd.



Fig. 6-A



Fig. 6-B

Select and Install Electrical Skirt

- 1. If your electrical outlets are on the short side of the generator, select the short electrical skirt; otherwise select the long electrical skirt. Only use one skirt!
- 2. Flip the canopy over flap up from corner to corner on the side that is over the electrical outlets (Fig. 6-C).
- 3. The left and right sides of the electrical skirt are angled upward slightly as compared to the main body of the skirt. The angle starts about 6 inches from either side and this corresponds to the respective corner of the StormShield. Press either corner on first (fig. 6-C), then wrap the 6 inch section onto the adjacent side of the electrical panel and press firmly. Now press the main skirt body over the electrical panel to the other corner, and then wrap that edge around the adjacent side and press firmly in place.
- 4. Flip the over flap down and over the electrical skirt (Fig. 6-D).

ASSEMBLY

Select and Install Electrical Skirt Cont'd.



Fig. 6-C



Fig. 6-D

NOTE

The intent of the electrical skirt is to cover the electrical outlets in the front and about 6 in. (15.2 cm) around the adjacent sides. Do not cover other parts of your generator with the electrical skirts, especially the exhaust area!

Important StormShield Usage Tips

Proper Door Sealing Tip

The GenTent StormBracer[®] door wraps around the adjacent sides of the StormShield much like the skirts, forming a brace against storms. Each time you close the door, the Velcro[®] must be wrapped around the side and pressed firmly back in place. If this is not done, holes may exist between the pieces of Velcro which can allow water to seep in.

In practice, the best way to achieve this is to close the door, then follow this procedure:

- 1. Align the door properly so that the side Velcro and lower Velcro are aligned as closely as possible and are touching.
- 2. Then starting at the top corner of the door pinch canopy around the frame rods and slide your hand to the bottom while pinching.
- 3. Repeat on the other side
- 4. Check the door sides to see if you can see any gaps in the Velcro sealing. Should there be any gaps, repeat the pinching procedure.

NOTE

Pull the door down and connect the bottom Velcro first, then use the pinch & slide technique above to secure the sides. The bottom edge should cover the under flap stitching!

StormShield Accessories and Spare Parts Catalog

The following Accessories and Spare Parts are available for purchase online at www.gentent.com/acc. Our spare parts come with free shipping in the 48 continental states and reduced rate shipping in all other areas.

GTACCBSKOO	This full wrap around skirt converts your StormShield into a full storage cover. For use when the generator is NOT being operated.			
GTACCBVX00 Our popular stacking Omniskirt clear vinyl electrical skirt for the StormShield				
GTACCBAGOO	This storage bag lets you conveniently store any sized StormShield canopy and its frame and hardware components in a durable bag for carrying or hanging			
GTACCB1U00	Universal Frame Extender, injection molded, for use with square tube frames and round tube frames that have panels or heat shields which block the StormShield clamp from directly connecting to the frame, or when a generator frame is small and requires extended length or width			
GTACCBRCOO	Spare clamp molded sections only (no hardware)			
GTACCBCLOO	Spare clamp complete with all hardware			
GT-360	Fiberglass rod center connector			
GT-310 Fiberglass frame rod, dual catalyst formulation				

Register Your Product - Activate Your Warranty

Complete your registration online at www.gentent.com/RegStormShield or fill out this card and mail it **with a copy of your purchase receipt** to:

GenTent Safety Canopies Attn: Champion Power Equipment Storm Shield Product Registration 44 Gile Rd Nottingham, NH 03290

Your Information:

Name:
E-mail Address:
Address:
City:
State/Province:
Country:
Zip/Postal Code:
Phone Number:

Purchase Information:

	Champion	Power	Equipment	StormShield
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StormShield Purchase Date: ____ / ____ (mm/dd/yyyy)

Where did you purchase your Champion StormShield?

The StormShield will be used on:

Generator Make: _____

Generator Model:_____

In addition to activating your product warranty, registering allows us to keep in contact with you from time to time with important product updates, generator safety tips and special offerings for registered customers. Please note we never share your contact information.

WARRANTY

GenTent Safety Canopies

1 YEAR LIMITED WARRANTY

Warranty Qualifications

GenTent Safety Canopies (GSC) will register this warranty upon receipt of your Warranty Registration Card and a copy of your sales receipt from one of GSC's retail locations as proof of purchase.

Please submit your warranty registration and your proof of purchase within ten (10) days of the date of purchase.

Repair/Replacement Warranty

GSC warrants to the original purchaser that the mechanical and electrical components will be free of defects in material and workmanship for a period of one year (parts and labor) from the original date of purchase and 90 days (parts and labor) for commercial and industrial use. Transportation charges on product submitted for repair or replacement under this warranty are the sole responsibility of the purchaser. This warranty only applies to the original purchaser and is not transferable.

Do Not Return The Unit To The Place Of Purchase

Contact GenTent Safety Canopies Technical Service and GSC will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, GSC will, at its option, authorize evaluation, repair or replacement of the defective part or component. GSC will provide you with a case number for warranty service. Please keep it for future reference. Repairs or replacements without prior authorization, or at an unauthorized repair facility, will not be covered by this warranty.

Warranty Exclusions

This warranty does not cover the following repairs and equipment:

Normal Wear

Products with mechanical and electrical components need periodic parts and service to perform well. This warranty does not cover repair when normal use has exhausted the life of a part or the equipment as a whole.

Installation, Use and Maintenance

This warranty will not apply to parts and/or labor if the product is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the product's limits, modified, installed improperly or connected incorrectly to any electrical component. Normal maintenance is not covered by this warranty and is not required to be performed at a facility or by a person authorized by GSC.

Other Exclusions

This warranty excludes:

- Cosmetic defects such as paint, decals, or discoloration, etc.
- Punctures from sharp or falling objects

Limits of Implied Warranty and Consequential Damage

GenTent Safety Canopies disclaims any obligation to cover any loss of time, use of this product, freight, or any incidental or consequential claim by anyone from using this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

A unit provided as an exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit. This warranty gives you certain legal rights which may change from state to state or province to province. Your state or province may also have other rights you may be entitled to that are not listed within this warranty.

Contact Information

Address

GenTent Safety Canopies LLC. Customer Service 44 Gile Rd. Nottingham, NH 03290 USA www.gentent.com

Customer Service

781-334-8368 service@gentent.com