



Installation Instructions



Read & understand operators manual before operating. Failure to follow operating instructions could result in death or serious injury



If you have any questions or need technical assistance. Please feel to call as at

NADACS Technical Support 754-224-1415 Or Via email at sales@nadacs.com

WWW.NADACS.COM-

Intended Use

The hurricane switch NADACS HS-191/HS-192 were specially developed for use with our ductless air conditioning system to help withstanding severe weather aftermath. The Disconnect/Standby switch enables you to keep your home office or business at a commutable temperature during power outage caused by Hurricanes. It allows you to safely connect an exterior power source to your ductless AC system.

Note: Some components of the standby switch come pre-wired and preassembled. This manual is intended to provide general knowledge about the architecture of the NADACS HS-191 and HS-192 standby Switch and general electrical safety principles for non-Electrical workers.

WARNING!

Hazardous voltage. Disconnect all power before working on this equipment and make sure that you wear all the necessary safety equipment. Failure to observe this instruction will result in death or serious injury.

Make sure to mount your device on solid flat surface (Concreate wall hard wood...) away from all obstacle and easy to reach as you will be connecting an external power source to it.

Use approved wire nut and connector provided with the kit to realize all the connections.

Refer to the wiring diagram when realizing all the connections. Installation video tutorial are available on our website (https://www.nadacs.com/videos/).

Technical Specs

NADACS HS-19S-1 Specifications:

Туре	2 Sources MTS (manual)
Voltage	110V
Wire size	12-gauge
Plug	NEMA
Safety	Thermal Circuit Breaker at 250~C
Reset switch	15 Amps
Switch	3 Positions
Case size (l/w/h)	137mm/142mm/140mm
Weight	1.2kg
IP Rating	82 (Suitable for wet locations)
Country of origin	Assembled in the U.S.
Profile Selections	Power, Off, Generator mode

NADACS HS-192 Specifications:

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12-gauge
NEMA
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Assembled in the U.S.
Power, Off, Generator mode

Important! Turn the power off your system

- Locate the main electrical panel.

- Flip the main circuit breakers to OFF. (If your switches on the panel are not labeled,

- it's recommended to turn off the power off your entire home).
- Check That Power Is Off using a voltage tester.
- Make sure that you have all the necessary tools and safety equipment's to begin the operations.



- Screw the two Liquid tight cord connectors (NDCS#8012) into junction box (NDCS#4229).

tight connector to junction box (NDCS#4229).

- Tighten both NDCS#8012 nuts.

Step 4



- Make sure to have enough wires length on both sides (about 6" long).
- Strip about 3/8" off the black wire insulation going to the AC using the appropriate tool.
- Use a craping tool to seam the quick disconnect terminal to the AC black wire, as shown in the picture.
- Strip 3/8" off the two ground wires (AC ground and Line power).
- Use a craping tool to seam the ring terminals to the ground wires (AC power cord and Line power).



- Strip 3/8" on both sides off the ground wires provided with the kit, you will be using this wire to ground the generator plug.

- Use a craping tool to seam the ring terminal on one side of the wire.

- Use ground screw (NDCS#5120) and a screw driver to connect the 3 ground wires to junction box (NDCS#4229).

- Make sure that ground wires are firmly tight to the junction box.

- carefully pass all the wires through the spacer (NDCS#4230).

- Place the spacer (NDCS#4230) on the junction box.

- Use the 4 slotted countersunk head screws (NDCS#5116) to assemble spacer to junction box.

- Tighten screws using a flat screw driver.



Step 7



- Cut (6"approximately) and Strip insulation off the switch connector wires NDCS#1051 using the appropriate tool.

- Use a craping tool to seam quick disconnect terminal to the **mid black** wire as shown in the picture.

- Connect the mid black wire to the thermal Circuit breaker NDCS#1025.

- Snap the connector on the switch NDCS#1027

Step 8

- Realize the following connections of the switch NDCS#1027 to the plug NDCS#1021:

• White wire from connector number 3 to silver screw.

- Tighten silver plug screw.
- Black wire from connector number 6 to black screw
- Tighten black plug screw.
- Make sure that both wires are properly connected.



Step 9



- Carefully insert the whole assembly (Thermal circuit breaker, Plug and Switch in the waterproof box NDCS#8001.

- Pass all the wire through the box to junction box NDCS#4229.

- Realize the following connections:

- Connect AC Black wire to the thermal circuit breaker NDCS#1025

- Connect the 10" ground wire to plug NDCS#1021.

- Use a Philips screw driver to tighten green plug screw.

- Make sure you have a secure connection.



Step 11



- Realize the following connection:

- Connect mid white wire NDCS#1027 Switch to AC with wire.

- Use twist on wire connector to fasten the two wires together.

- Make sure that you have a secure connection.

Step 12

- At this step you will have to realize the last two connection.

- Connect white wire from NDCS#1027 Switch to white line wire.

- Use twist on wire connector to fasten the two white wires together.

- Connect Black wire from NDCS#1027 Switch to Black line wire.

- Use twist on wire connector to fasten the two white wires together.

- Make sure that you have a secure connection.





- Carefully insert all the wires inside the junction box.
- Place the whole assembly waterproof box NDCS#8001 on the junction box.
- Use 4 screws NDCS#5121 to assemble the whole assembly waterproof box NDCS#8001 to the junction box.
- Use a phillips screw driver to tighten the 4 screws.



- Use the two pins to assemble the transparent cover to the water proof box NDCS#8001.
- After Step 14, your device should be ready to use. Just plug in power generator and switch between line or generator power. If you're experiencing any issue refer to the wiring diagram below and make sure that you have the right connections. if the problem persists give us a call at (1-954-296- 1980) or Via email at Support@nadacs.com

