

**FPU® SYSTEMS OPERATION MANUAL
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)
BOH CONTAINERIZED MISSION SYSTEMS
CCC and EWCC
BOH FPU Field Pack-up Units**

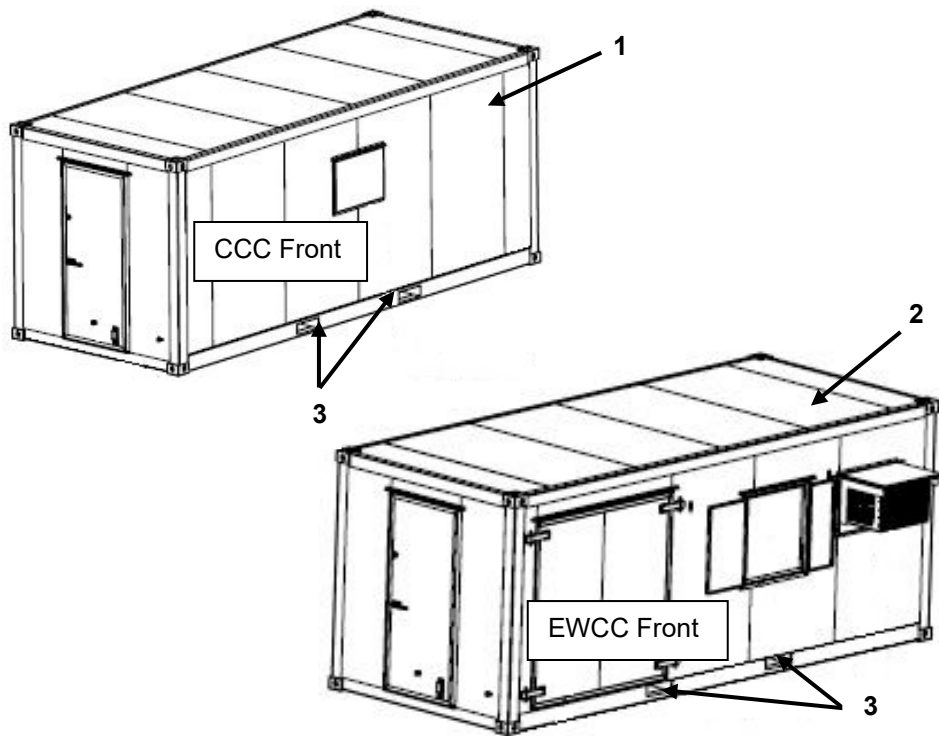
**CHAPTER 2
OPERATOR INSTRUCTIONS**

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OPERATOR INSTRUCTIONS**FPU® SYSTEMS OPERATION MANUAL
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)
BOH CONTAINERIZED MISSION SYSTEMS****CCC and EWCC
BOH FPU Field Pack-up Units****MOVEMENT AND TRANSPORT**

Fork Pockets

The CCC (1) and EWCC (2) are both provided with fork pockets (3) in the front and rear of the containers to facilitate lifting, positioning and loading of the containers on transport vehicles and site locations.



Positioning CCC and EWCC from the transport to the site

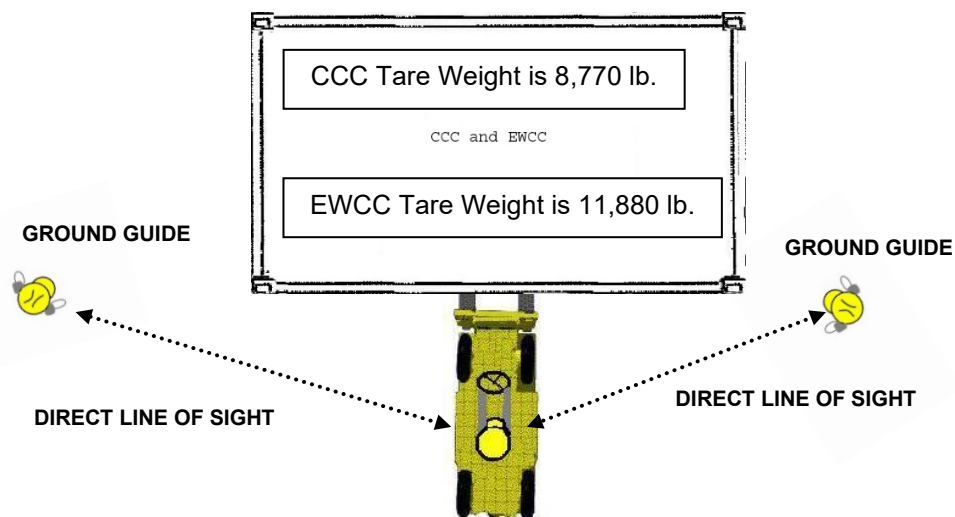
The following tasks should be conducted prior to moving the CCC or EWCC:

1. The expando units for the EWCC and all other equipment, ie HVAC, for both the EWCC and CCC, should be fully retracted and properly secured.

CAUTION

Ensure all standing water, debris, etc. is removed from the top of the expando units prior to retracting. Failure to comply could cause water to enter the container or debris could prevent the expando unit from sealing properly resulting in potential water leaks.

2. All loose material inside the container should be removed and general cleaning and inspection of the interior should be performed.
3. All locking devices, shelves, drawer latches and door edges should be swept or wiped clean of debris and inspected to ensure they function prior to securing the CCC and EWCC. See Cleaning Table page 0018 00-1
4. Lubrication of all moving parts, devices, locks, latches and hinges should be performed, especially prior to long-term storage or shipment. See Cleaning and Lubrication Tables pages 0018 00-1 through 00-3.
5. All shelves, chairs, equipment (ie, monitors, printers, and HVAC units) should be locked in place and secured with locking devices provided, prior to closing the container.



WARNING

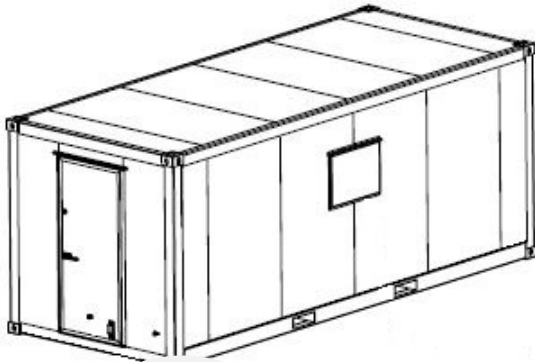


Ground guides and the MHE operators must maintain direct line of sight and insure that personnel are clear of the containers during this operation. Overhead power lines and obstructions can cause serious injury or damage to property. Forklift operators, truck drivers and ground guides should always clear overhead when loading, unloading the BOH CCC and EWCC.

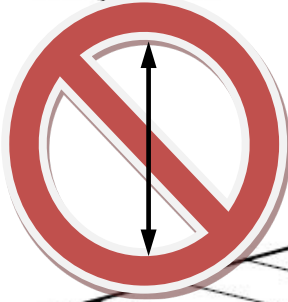
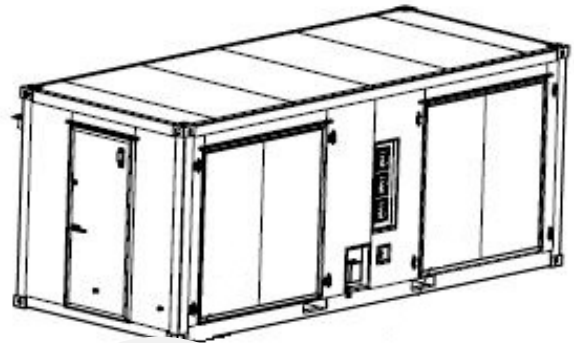
WARNING

The EWCC and CCC containers are not ISO-certified or CSC Safety-Approved. When transporting or storing, never stack the containers. The container structure is not designed to support additional containers. Failure to comply could cause damage to the container and equipment or death or injury.

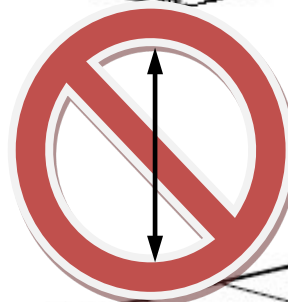
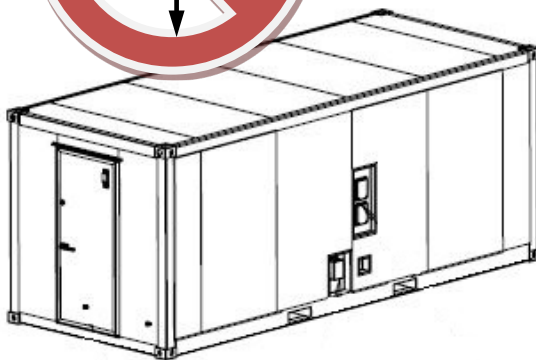
WARNING
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STACK



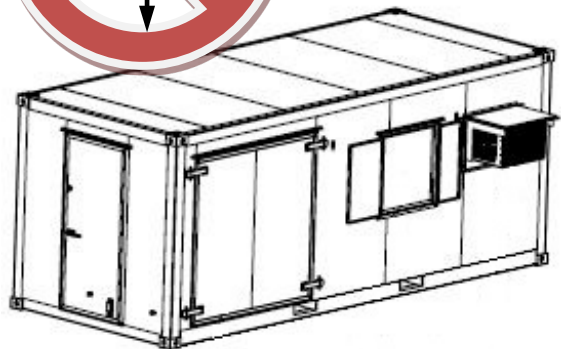
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Setup and Preparation CCC and EWCC

CAUTION

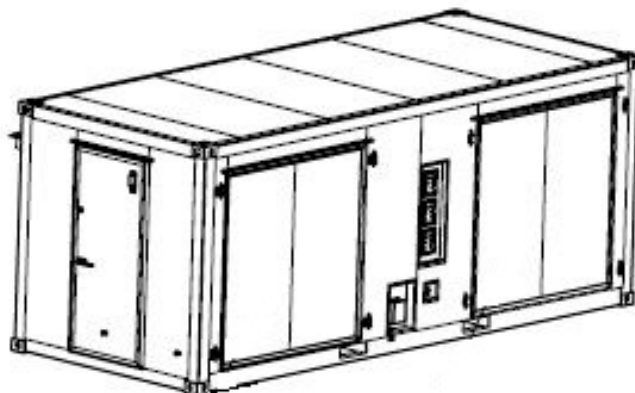
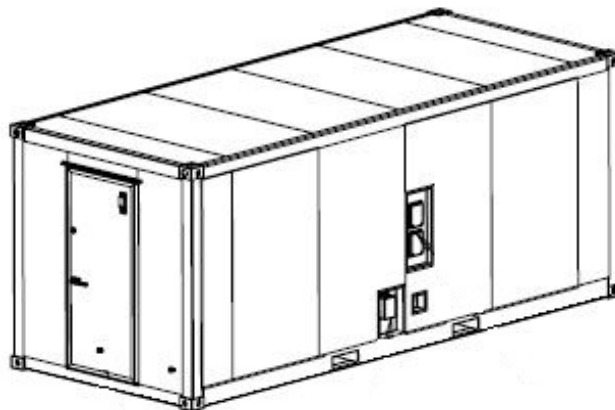
The CCC and EWCC must be placed on a level site to stabilize the container and permit a level working environment.

1. Inspect the site and remove rocks roots and debris that would prevent the container from being placed on a firm level site.
2. Locate the CCC or EWCC within proximity of electrical and communications service connections at the rear of the container.



CAUTION

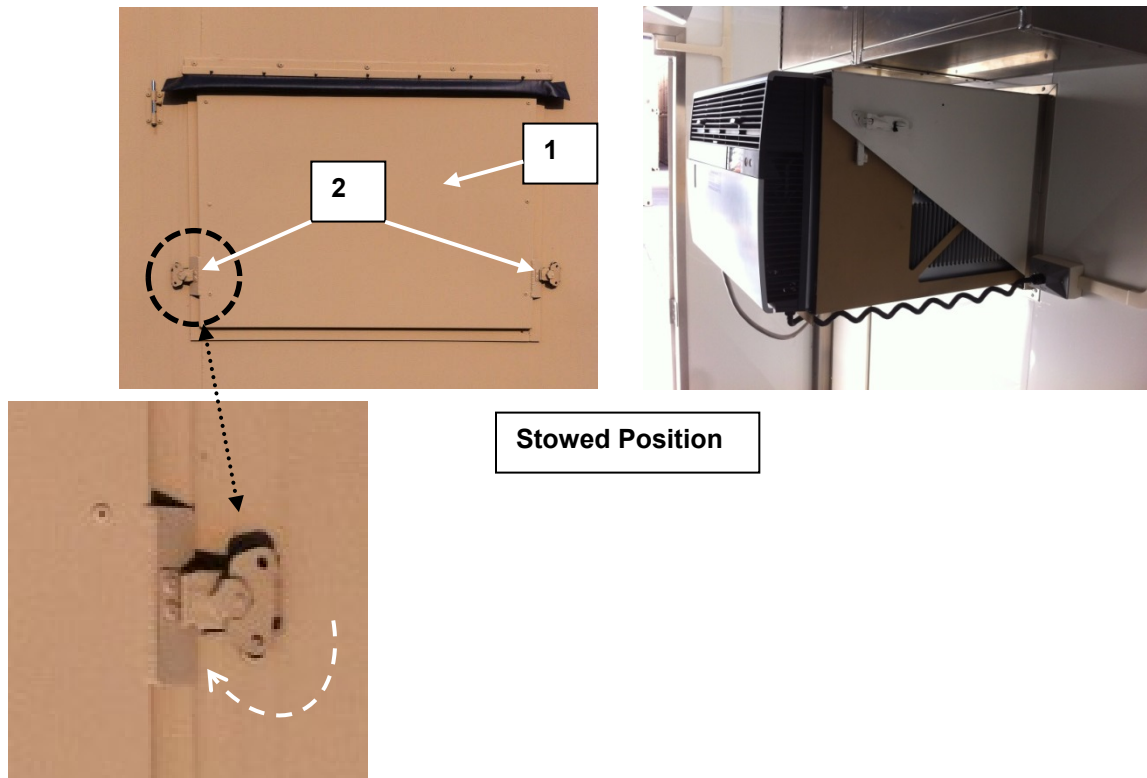
Flood plain conditions should be considered for containerized mission systems. If in doubt, consult the operations supervisor or commander.



Procedure for Moving HVAC into Operating Position

The CCC and EWCC are provided with an HVAC unit located on the side of the container. The HVAC is mounted on drawer slides for easy deployment to the operating position. The HVAC has a weather cover and exterior door (1) with latches (2) to cover the unit during shipment or storage.

1. From the stowed position, the exterior door must first be unlatched.



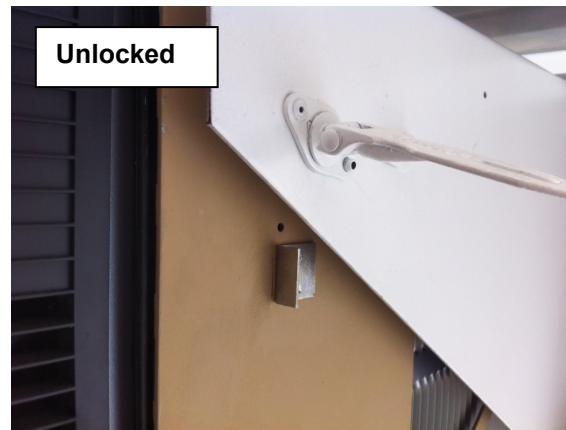
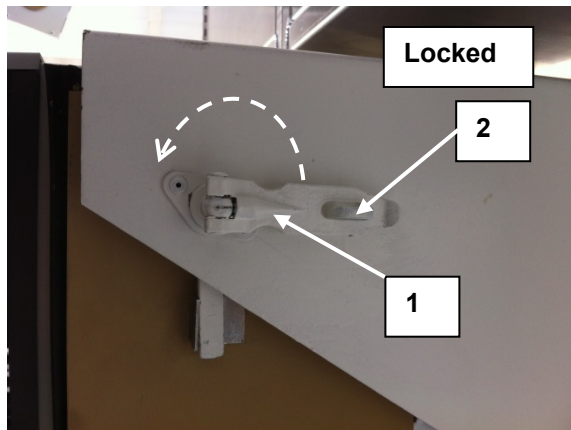
CAUTION

Do not attempt to operate the HVAC without opening the shutter door and pushing out the unit to the operating position. Overheating will result if the unit is operated in the stowed position.

2. The internal HVAC mounting bracket latch (1) must then be released from its lock bar (2) and rotated counterclockwise to its unlocked position.

NOTE

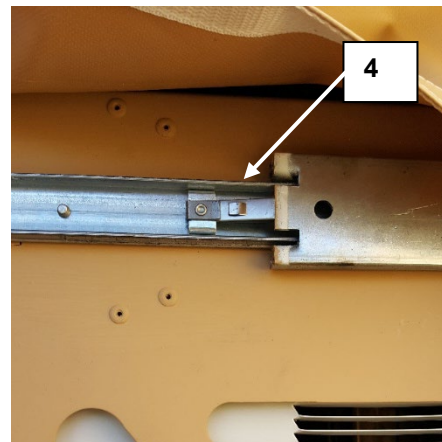
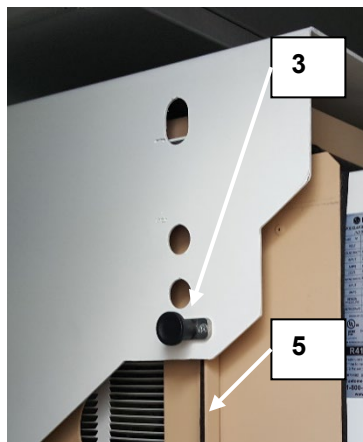
Beginning in late 2015, the original HVAC hanger bracket design and locking system was replaced with plunger pins (3). To release the HVAC unit, the plunger pins must be pulled and twisted in order to lock out in the unsecured position.



3. From the face of the HVAC, push the HVAC unit out until the slide release buttons (4) on the side of the unit are locked out in the extended position. This will also help ensure the seals are engaged to prevent water intrusion.

CAUTION

Push against the edge of the HVAC unit. Do not push directly against the HVAC vent slats as this may cause damage to the HVAC unit.



Procedure for Moving HVAC into Stowed Position



Operating Position

1. From the operating position, first twist and lock out the plunger pins found on the inside HVAC hanger bracket. (For older containers, ensure the inside hanger bracket latches are unlocked.)

CAUTION

Plunger pins must always be retracted prior to pushing in the HVAC unit. Failure to comply could result in damage to the plunger pins.

2. Beneath the HVAC flaps outside the container, press the slide release buttons (4) and slowly push in the HVAC unit.

WARNING

Be extremely careful when pressing the slide release buttons and pushing in the HVAC unit. Failure to comply could create a potential pinch hazard.

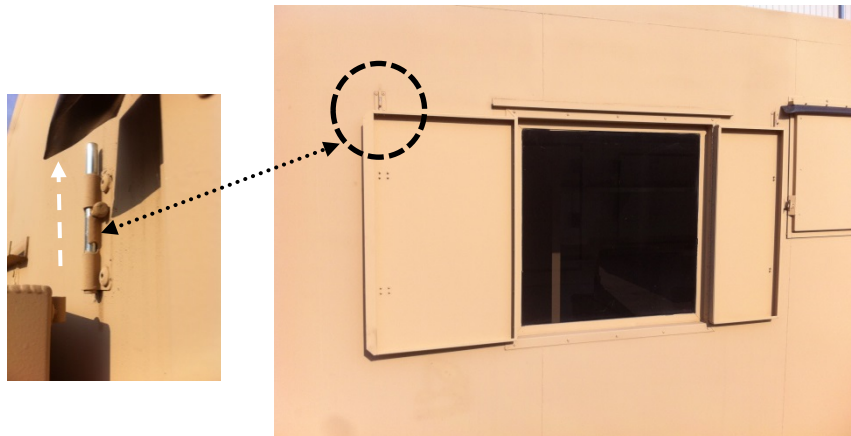
CAUTION

Older EWCC models and HVAC units have condensation pans which must be drained prior to pushing the HVAC in. See pages 0009 00-7 and 0011 00-7 for details. Failure to comply could result in water intrusion inside the container.

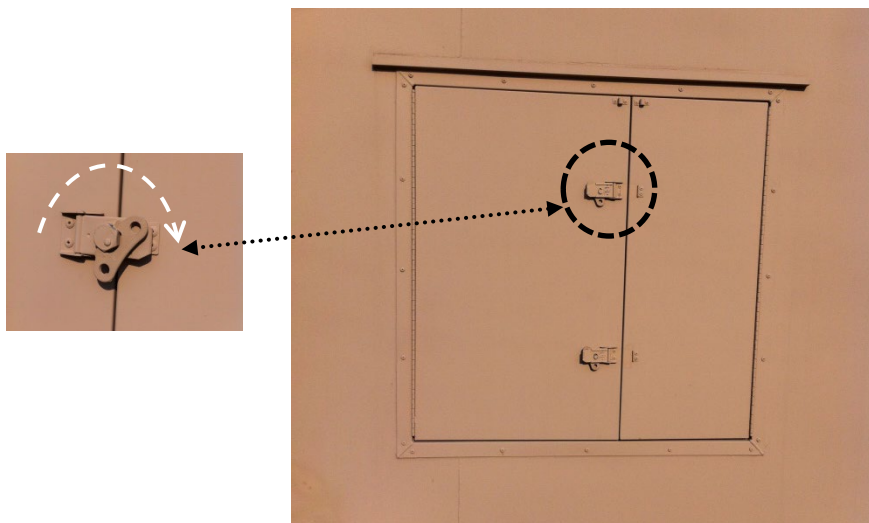
3. Push the HVAC until the flange on the HVAC side wall (5) extends beyond the plunger pins. (For older containers, ensure the L-shaped bracket extends beyond the latch (1).)
4. Twist the plunger pins to release and lock the HVAC units in the stored position. (For older containers, rotate the latch (1) clockwise until the latch can be secured jointly with the lock bar (2).)
5. Secure the latches on the exterior HVAC door.

Window Shutters

Prior to shipment, the window shutter doors must be closed and locked by first lifting the locking pins on both sides of the doors and then locking the doors together by rotating the two latches closed.



Operating Position



Stowed Position

END OF WORK PACKAGE

OPERATOR INSTRUCTIONS

FPU® SYSTEMS OPERATION MANUAL (INCLUDING REPAIR PARTS & SPECIAL TOOL LIST) BOH CONTAINERIZED MISSION SYSTEMS CCC and EWCC BOH FPU Field Pack-up Units

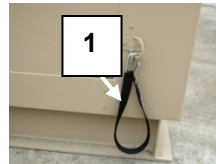
DOOR OPERATION

CCC and EWCC Doors

The CCC and EWCC entrance doors have a key and piston handle lock (older version) that when engaged provides a closed handle position positive lock.

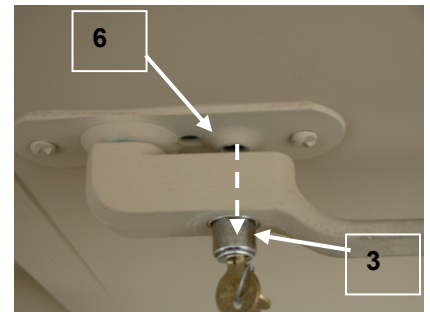
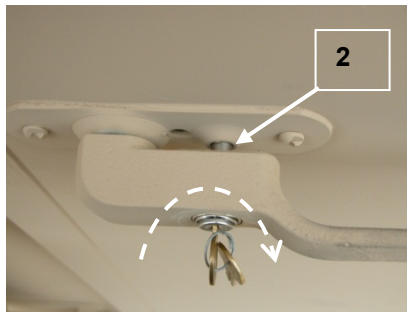
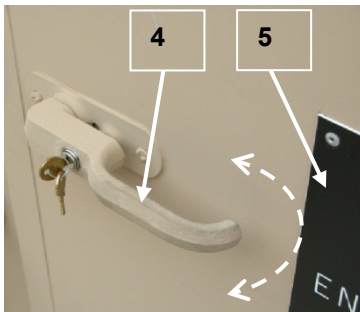
CAUTION

If the door is required to remain in the open position, utilize the tie-down shackle and strap assembly (1) at the lower right corner of the CCC and EWCC.



The Older Door Handle Lock System

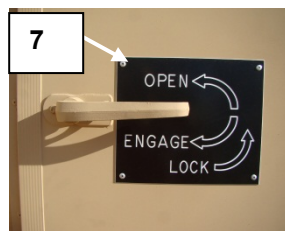
1. To disengage the door handle lock piston (2), insert the key, rotate the key clockwise, and pull the key and lock set (3) outward until the lock piston (2) is disengaged from the plate socket (6).



2. To open the door, swing the handle (4) in a 90 degree upward motion to the open position; this disengages the interior door lock blade (5).
3. Return the handle (4) to the center position and pull open the door.

NOTE

Follow the instruction plate (7) to the right of the door handle.

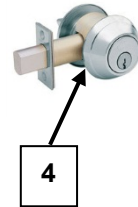
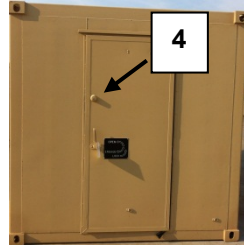
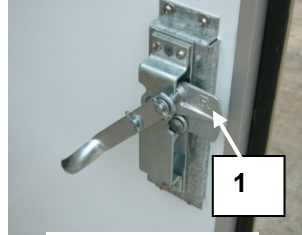
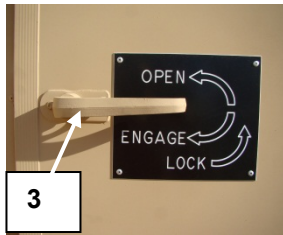


WARNING

Beware of potential pinch points when opening and closing doors. Failure to comply could result in injury to personnel.

Locking the Door

1. To engage the interior lock blade (1) with the door closed, rotate the handle (3) downward 90 degrees to the engage position.
2. Return the handle (3) to the center position.
3. To engage the door handle lock piston, rotate the key counter-clockwise, and push the key and lock set inward until engaged in the plate socket.



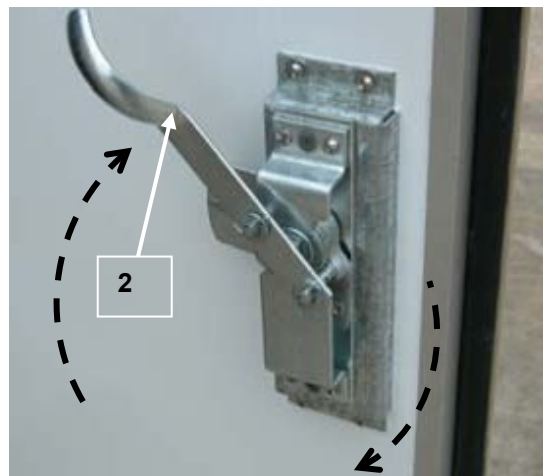
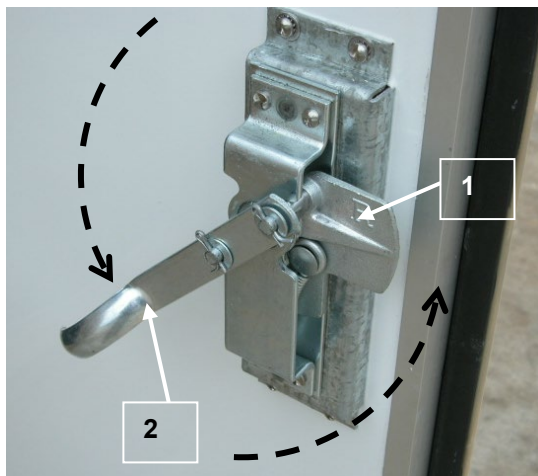
Door Interior

NOTE

The new door handle version (3) no longer has a key lock device. The new deadbolt (4) replaces the handle key lock device, has been applied to CCC models Serial # ACCCC208-03134 and EWCC models Serial # ACEWCC208-03197.

Interior Door Handle

1. To engage the door lock blade (1), rotate the handle (2) downward.
2. To open the door and retract the door lock blade (1), rotate the door handle (2) upward.



END OF WORK PACKAGE

OPERATOR INSTRUCTIONS

FPU® SYSTEMS OPERATION MANUAL (INCLUDING REPAIR PARTS & SPECIAL TOOL LIST) BOH CONTAINERIZED MISSION SYSTEMS

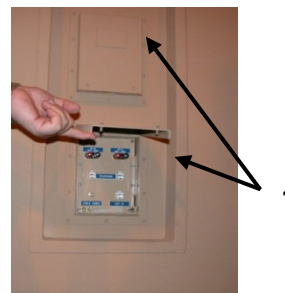
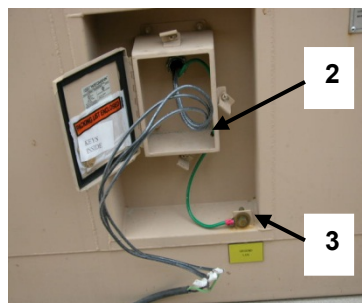
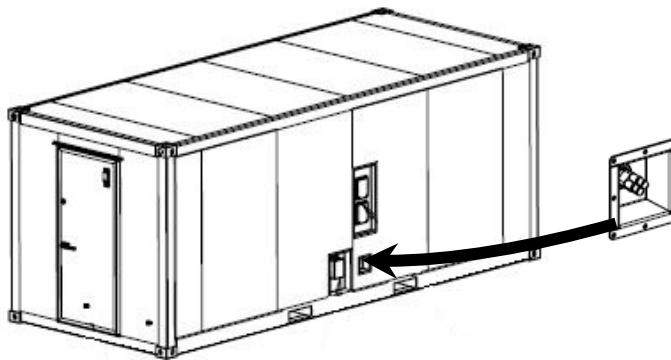
CCC and EWCC
BOH FPU Field Pack-up Units

CCC ELECTRICAL SYSTEM

CCC Electrical and Communications Connections

The CCC is provided with dual communication connection boxes (1), a shore power connection box (2) with protective weather covers and external ground lug (3) for the ground rod stored in the interior next to the load center.

1. Before any electrical connections are made, enter the CCC and ensure the main circuit breaker and all the circuit breakers are turned off.
2. Retrieve the ground rod and establish the electrical ground.



NOTE

New communication pass-through connections provided beginning with CCC serial # ACCCC208-03177.
See page 0005 00-6 for details.

CAUTION

Ensure proper electrical source connections (110/220, single phase, 60 Hz) are made. Low power conditions may result in dimming of lights, improper HVAC operation, and/or tripped circuit breakers.

WARNING

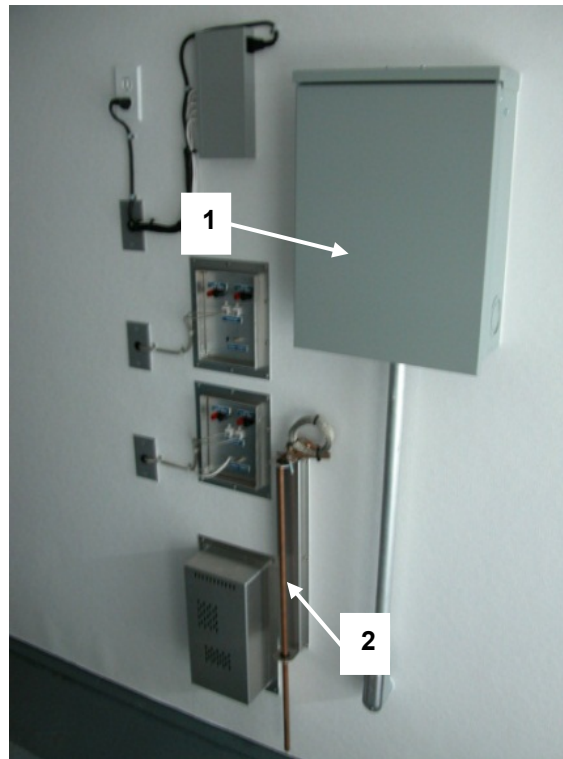
The electrical ground must be established first to prevent electrical shock to personnel. Consult ARMY TM 5- 811-3 Chapter 2 and MIL-HDBK 149A Chapter 2-5.

WARNING

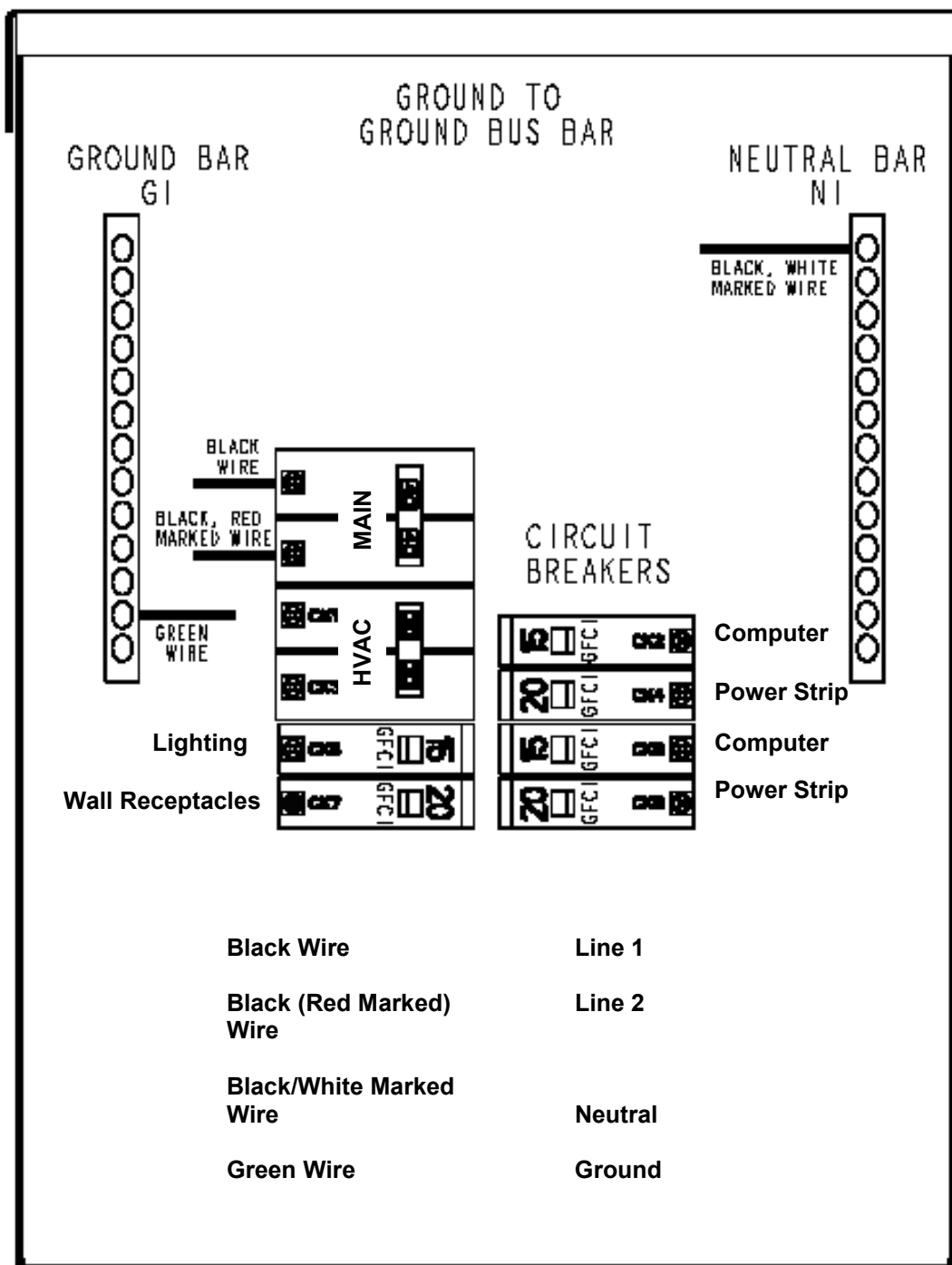
Ensure all circuit breakers and the main power source is switched off before making electrical connections. Ensure the proper electrical cable connectors (110/220, single phase, 60 Hz) are installed by a certified electrician Army MOS 21R and match the power source.

CCC Circuit Load Center and Ground Rod

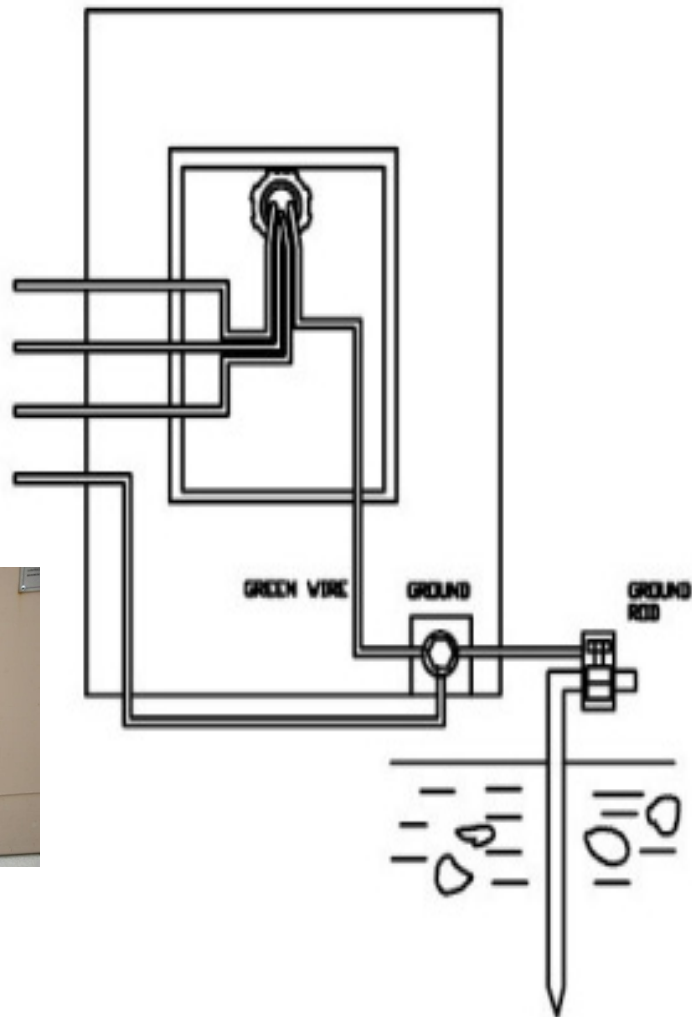
The Circuit Breaker Box (1) and Ground Rod (2) are located on the rear wall in the center of the CCC.

**NOTE**

3-ft grounding rod replaced with 6-ft version beginning with CCC serial # ACCCC208-03195. Securing bracket relocated to corner of unit next to entry door.



BLACK WIRE.....LINE 1
 BLACK, RED MARKED
 WIRE.....LINE 2
 BLACK, WHITE MARKED
 WIRE.....NEUTRAL
 GREEN WIRE....GROUND



NOTES:

TO POWER THE UNIT:

YOU MUST HAVE 240 VOLTS SINGLE PHASE,
 AND WIRES NO SMALLER THAN AWG #8

CONNECT LINE ONE TO SOLID BLACK WIRE

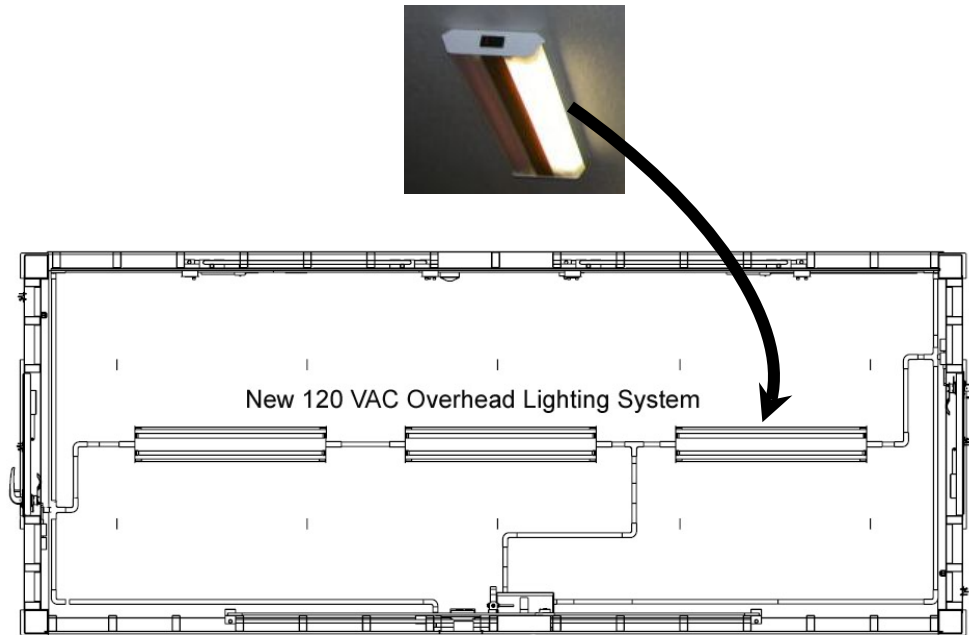
CONNECT LINE TWO TO BLACK, RED MARKED WIRE

NEUTRAL MUST BE CONNECTED TO BLACK, WHITE MARKED
 WIRE

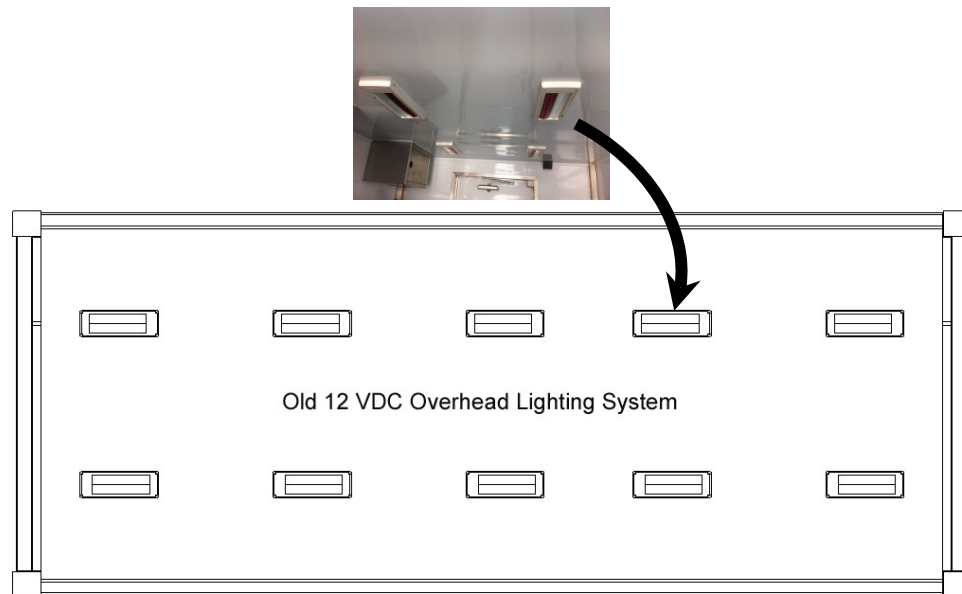
GROUND MUST BE CONNECTED TO GROUND BOLT,
 AT THIS SAME POINT, YOU NEED TO CONNECT THE
 GROUND ROD TERMINAL AND INSTALL GROUND ROD TO
 SOIL

CCC Lighting Systems

The latest generation of the CCC has been upgraded to three 4' long 120 VAC fluorescent light fixtures beginning with CCC serial number ACCCC208-03144.



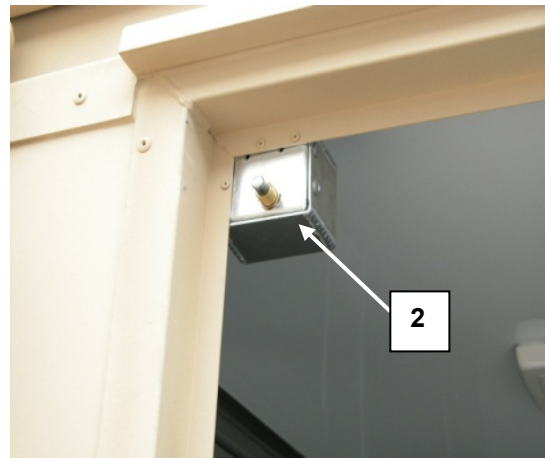
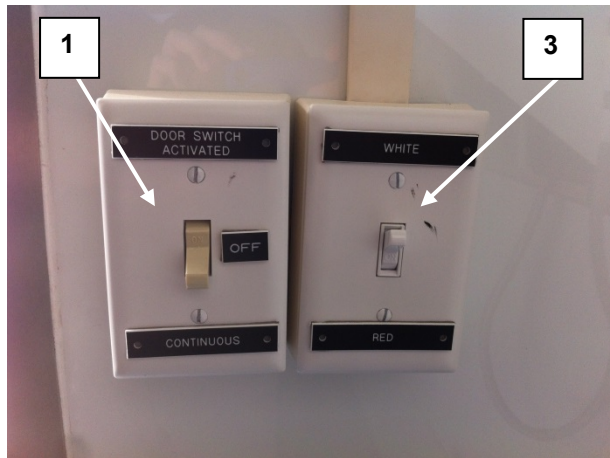
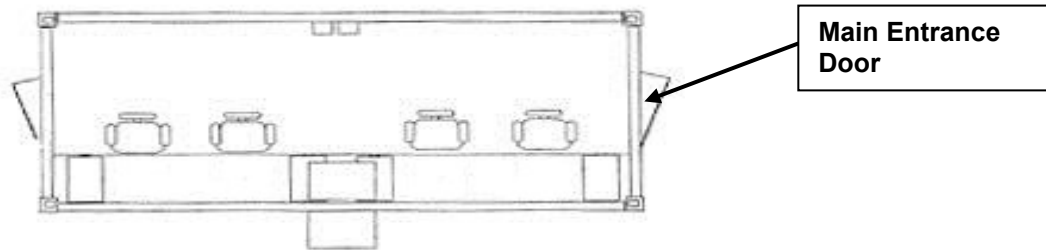
New 120 VAC System SN ACCCC208-03144 and beyond



Older 12 VDC System prior to SN ACCCC208-03144

RED/WHITE LIGHTING CONDITIONS

The CCC is provided a bank of two switches just inside the main entrance door to control red/white lighting conditions.



The left switch (1) sequence is as follows:

1. The left switch in the up position will select "Door Switch Activated". This enables the door switches (2) to interrupt white light from escaping when the door is opened and switch to red light.
2. When in the center position, the lighting is off.
3. When in the down position, the light selection is continuous.

The right switch (3) sequence is as follows:

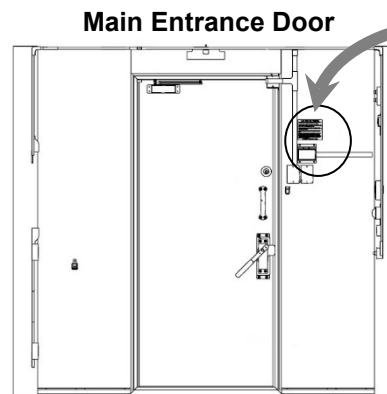
1. When in the up position, the white lighting is selected.
2. When in the down position, the red lighting is selected.

NOTE

The door switches will not permit the white lights to stay on when the doors are opened in both the red or white conditions.

CCC HVAC Systems

The 24000 BTU Friedrich models prior to serial number #ACCCC208-03177 have been discontinued.



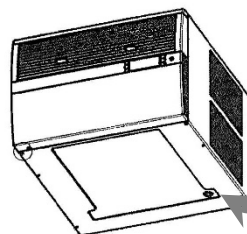
The HVAC thermostat applied to CCC units SN ACCCC208-03144 through ACCCC208-03158 control is located on the rear wall next to the communication outlets between the Push- Out units. CCC units SN ACCCC208-03159 through ACCCC208-03176 do not include thermostats.

The new 24000 BTU LG model has been applied beginning with serial number #ACCCC208-03177.



NOTE

Both HVAC models retain condensation in the catch pan to assist in its efficiency.



Condensation Drain

CAUTION

Before retracting the HVAC unit into the CCC, drain the condensation pan by depressing the condensation drain button in the bottom of the HVAC unit to remove water in the catch pan. Ensure the HVAC is properly serviced before deploying the CCC in extreme heat and cold conditions.

END OF WORK PACKAGE

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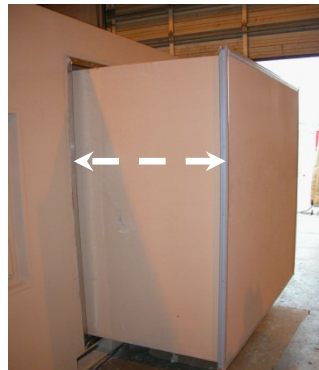
OPERATOR INSTRUCTIONS

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EWCC EXPANDO OPERATION

Setup and Preparation EWCC

The EWCC should be established on a level surface to stabilize the container and permit smooth operation and a level working environment.



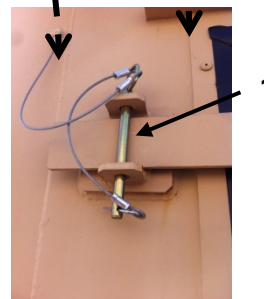
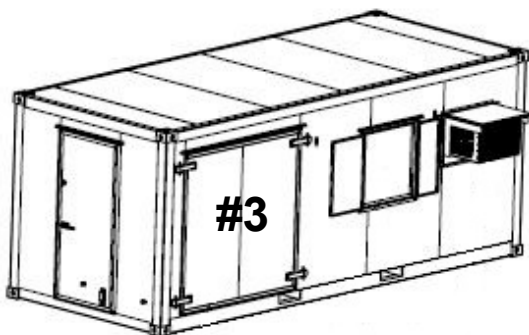
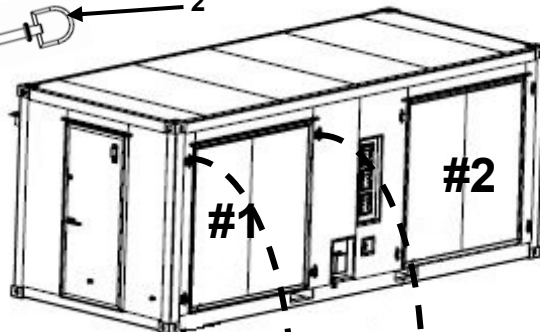
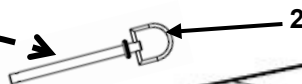
There are three expandable EXPANDO units secured with external (1) and internal pins (2). There are two ratchet straps inside the EWCC used to assist in deployment and retraction of the EXPANDO units.

CAUTION

When deploying the EXPANDO units, first release and extend EXPANDO unit #1, then #3 and then #2 in sequence to maintain counter balance on the container.

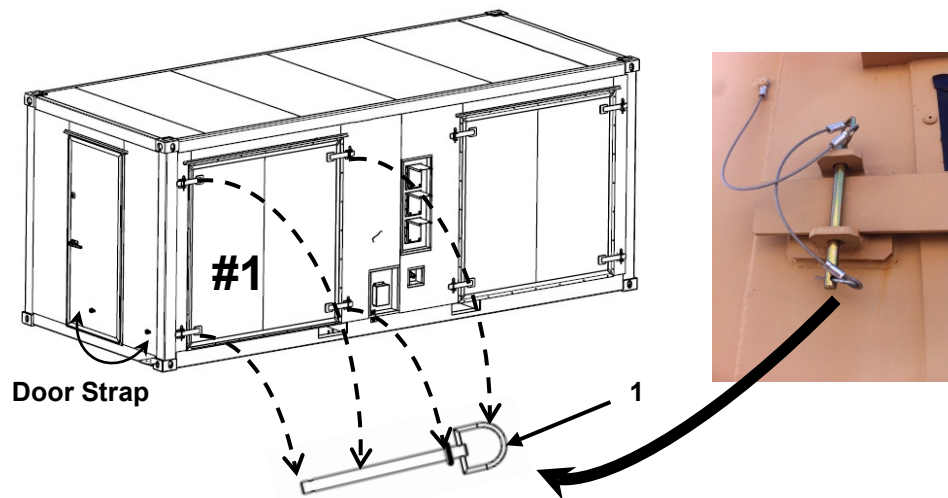


Older versions of the EXPANDO have interior securing pins



Deploying the old EXPANDO Unit #1 (models prior to SN ACEWCC208-03197)

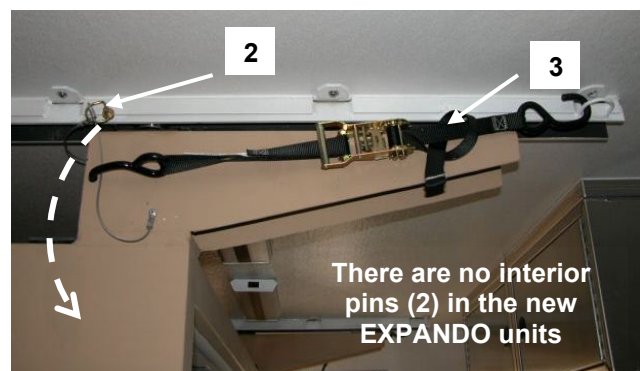
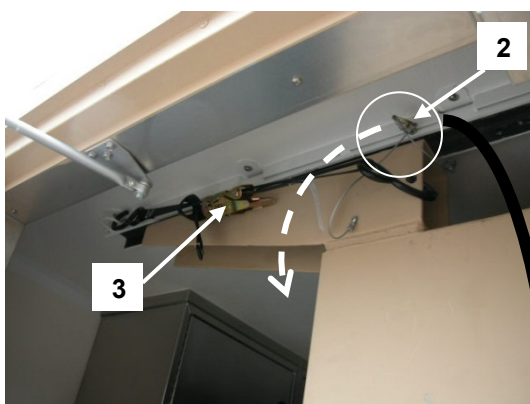
This operation requires three personnel, an observer that remains outside and an operator and assistant inside.



1. The Observer is required to remain outside, to insure there is no interference from traffic or obstructions while the EXPANDO unit is extended.
2. The Observer will pull out the four exterior EXPANDO unit securing pins (1).
3. Open the door and retain it with the door strap stored inside the door on the right.
4. The Operator and Assistant will enter the door, to access the single EXPANDO unit #1.
5. Remove all securing pins (2) from the roller arms on both sides of the EXPANDO unit.
6. Release and remove both ratchet straps (3).
7. The Operator and Assistant evenly push the EXPANDO unit out into its fully deployed position. Fully extended, EXPANDO will make contact with heavy rubber blocks (4) at top of EXPANDO opening creating full wiper seal engagement.
8. Perform the same deployment procedure steps 1-7 to EXPANDO unit #3, then #2.

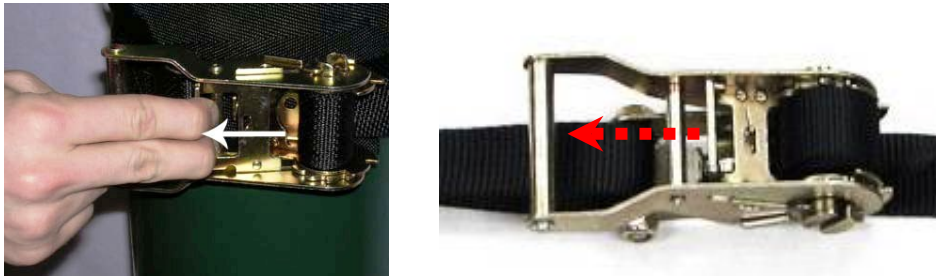
CAUTION

EXPANDO units must be fully engaged to help prevent rainwater from entering container.



Ratchet Strap Operation

To release the ratchet straps pull the release bar as shown.



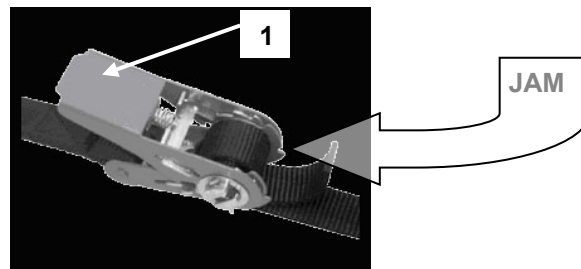
WARNING



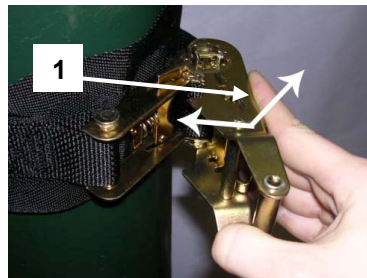
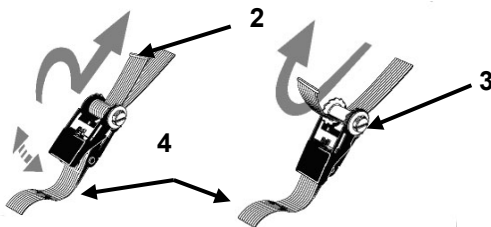
You must check all straps for proper threading and tension. Refer to these following instructions for each strap. Failure to do so may cause equipment damage or injury.

CAUTION

Do not operate the ratchet handle (1) until all the slack is taken up by hand or the strap will ball up and jam against the release lever. Do not over tighten the straps; this will cause damage to the straps, hooks or equipment.



1. Ensure the strap hooks are properly set.
2. Feed the blank end (2) of the strap through the slotted barrel (3).
3. Take up the excess strap slack (4) by hand until the strap is snug.
4. Tighten the strap with the ratchet handle (1) until the strap is firm and tight.



Retracting the old EXPANDO Unit #1

This procedure is to retract the EXPANDOs for movement, storage or transport.

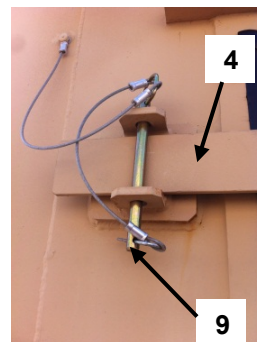
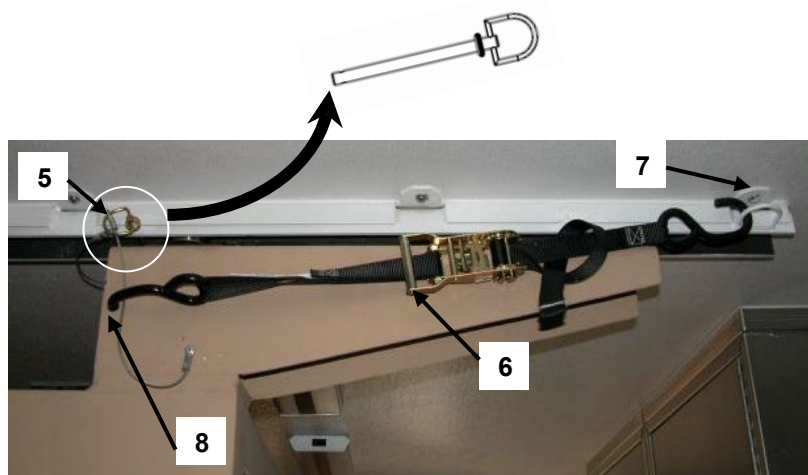
CAUTION

Ensure all standing water, debris, etc. is removed from the top of the expando units prior to retracting. Failure to comply could cause water to enter the container or debris could prevent the expando unit from sealing properly resulting in potential water leaks.

CAUTION

It is recommended that the EXPANDO units be retracted in the following Sequence: #1, #3 and then unit #2 to maintain counter balance.

1. The Observer will remain outside to observe the retraction and ensure the unit retraction is stopped at the full in position and prevent damage to the exterior pin brackets (4).
2. Remove the securing pins from EXPANDO unit #1 with assistance from other personnel from the exterior of the container, push the EXPANDO unit (1) until fully retracted and the handholds (2) are together and outer seal (3) makes good contact.
3. Secure the EXPANDO unit with pins (5) and tighten ratchet straps (6) between D-ring (7) at end of ceiling track and hole (8) on roller assembly arm. For ratchet strap operation, see page 0010 00-3.
4. Perform the same retraction procedure steps 1-3 to EXPANDO unit #3, then #2.
5. Re-attach the EXPANDO exterior retention pins (9).

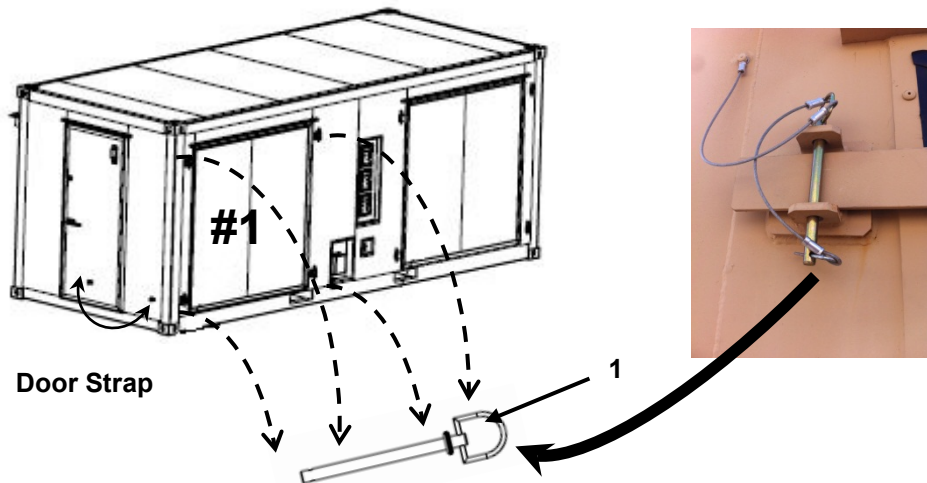


Deploying the new EXPANDO Unit #1 (models SN ACEWCC208-03197 and beyond)

This operation requires three personnel, an observer that remains outside and an operator and assistant inside.

CAUTION

It is recommended that the EXPANDO units be deployed in the following Sequence: #1, #3 and then unit #2 to maintain counter balance.

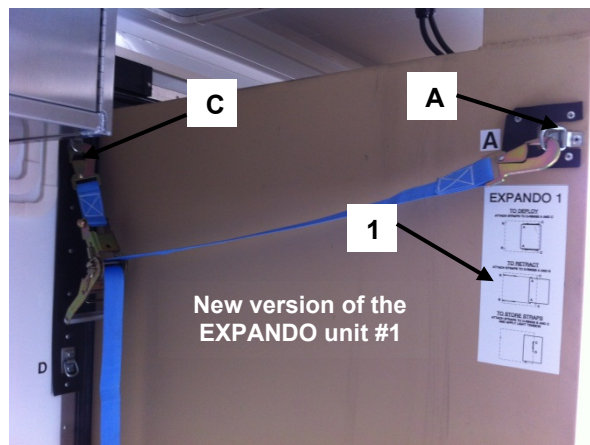
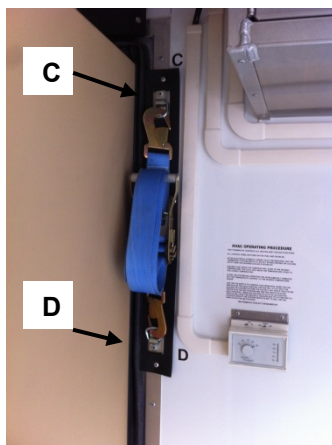


Follow the diagrams (2) located inside the EXPANDO units just below the D-rings.

1. The Observer is required to remain outside, to ensure there is no interference from outside traffic or obstructions or personnel while the EXPANDO unit is extended.
2. The Observer will remove the four external securing pins (1).
3. The Operator will retain the door with the door strap stored inside the door on the right.
4. Remove and extend the ratchet straps from left side and right side storage D-rings C and D.
5. Attach the ratchet straps between D-rings A and C to assist in overcoming the EXPANDO seal resistance.

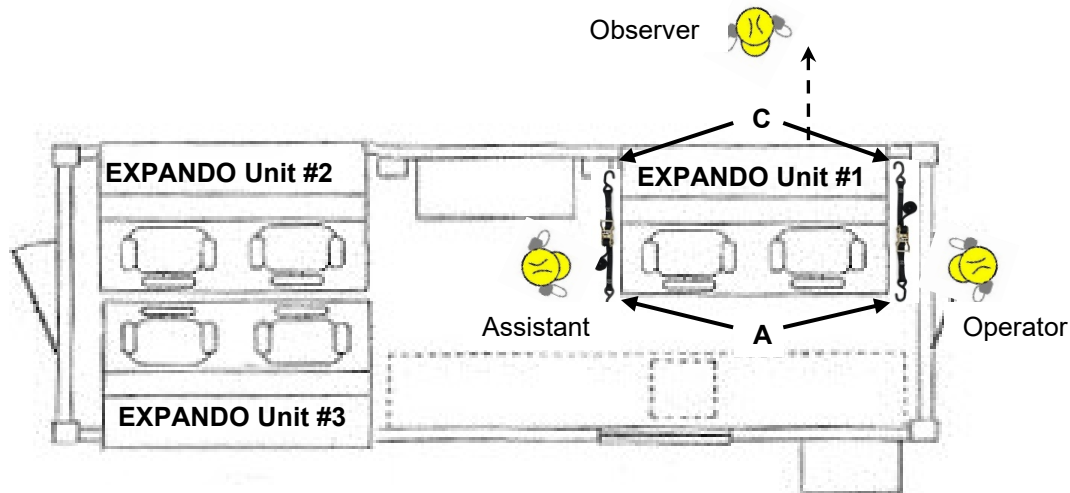
NOTE

See Ratchet Strap Operation, page 0010 00-3



WARNING

The observer must ensure there are no personnel and/or equipment in the immediate area of the EXPANDO deployment; failure to comply may cause serious injury or even death.



6. Take up the strap slack by hand.
7. The Observer outside will communicate that all is clear to the Operator.
8. The Assistant on the other side of the EXPANDO unit will synchronize the ratchet strap tightening directed by the Operator so the movement forward is smooth.

CAUTION

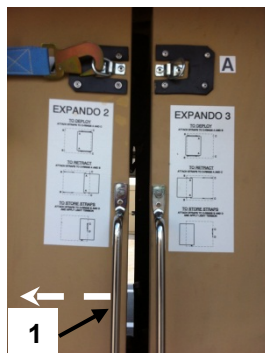
Ratchet strap operation must be synchronized to prevent binding during movement.

9. Once the resistance of the exterior seals has been overcome, the EXPANDO unit will roll with greater ease, and the handles (1) may be used to control movement.
10. The Operator and Assistant evenly push the EXPANDO unit out into its fully deployed position. Fully extended, EXPANDO will make contact with heavy rubber blocks (2) at top of EXPANDO opening creating full wiper seal engagement.

CAUTION

EXPANDO units must be fully engaged to help prevent rainwater from entering container.

11. Perform the same deployment procedure steps 1-10 to EXPANDO unit #3, then #2.
12. Return the ratchet straps to D-rings C and D for storage.



Retracting the new EXPANDO Units

This procedure is to retract the EXPANDOs for movement, storage or transport. Follow the diagrams on the EXPANDOS just below the D rings.

CAUTION

Ensure all standing water, debris, etc. is removed from the top of the expando units prior to retracting. Failure to comply could cause water to enter the container or debris could prevent the expando unit from sealing properly resulting in potential water leaks.

CAUTION

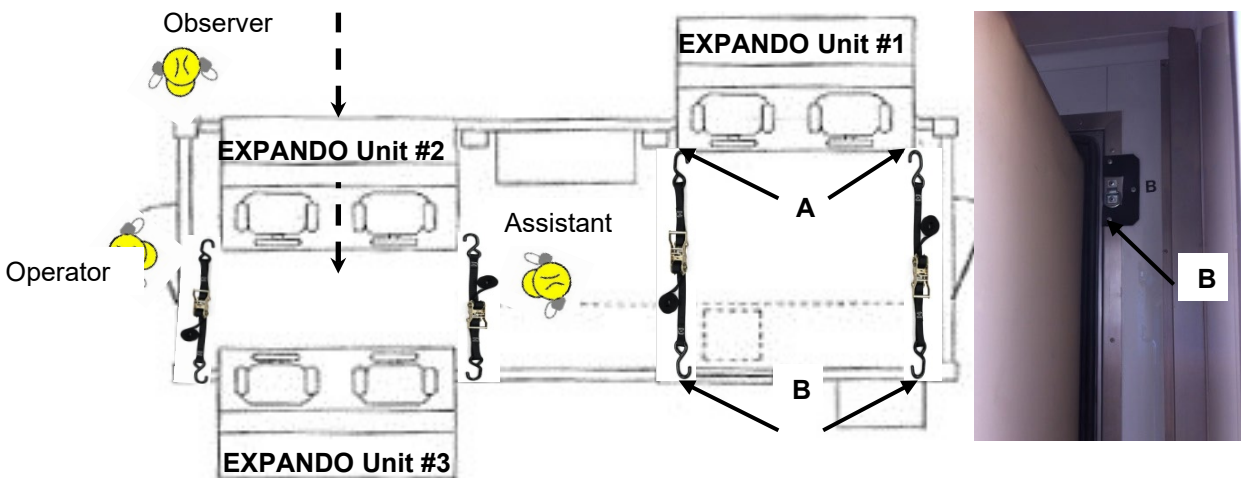
It is recommended that the EXPANDO units be retracted in the following Sequence: #1, #3 and then unit #2 to maintain counter balance.

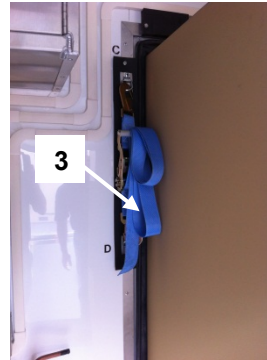
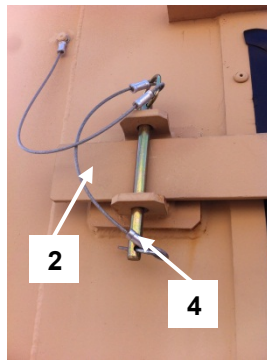
1. The Observer will remain outside to observe the retraction and ensure the unit retraction is stopped at the full in position and prevent damage to the exterior pin brackets (2).
2. The Operator and the Assistant will connect the ratchet straps between the unit D-ring A and D-ring B on the opposite wall.
3. The Operator will direct the ratchet strap synchronization for smooth retraction.

CAUTION

Ratchet straps operation must be synchronized to prevent binding during movement.

4. The Observer will communicate when the retraction should stop, to avoid damage and insert the four external securing pins (4).
5. Perform the same retraction procedure steps 1-4 to EXPANDO unit #3, then #2.
6. Return the ratchet straps to D-rings C and D for storage.





END OF WORK PACKAGE

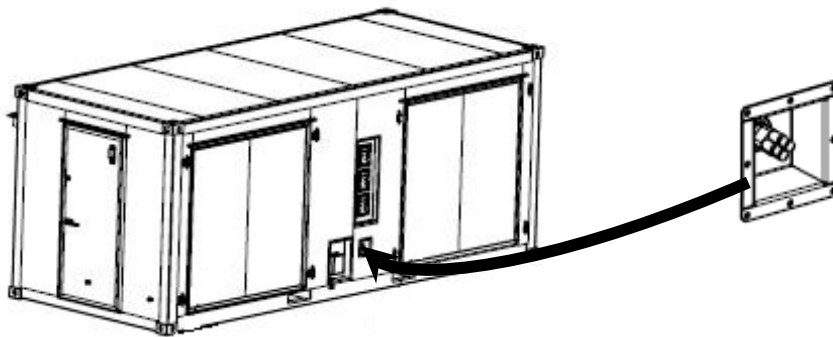
OPERATOR INSTRUCTIONS**FPU® SYSTEMS OPERATION MANUAL
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)
BOH CONTAINERIZED MISSION SYSTEMS
CCC and EWCC
BOH FPU Field Pack-up Units**

EWCC ELECTRICAL SYSTEM

EWCC Electrical and Communications Connections

The EWCC is provided with three communication connection boxes (1), a shore power connection box (2) with protective weather covers and external ground lug (3) for the ground rod stored in the interior.

1. Before any electrical connections are made, enter the EWCC and ensure the main circuit breaker and all the circuit breakers are turned off.
2. Retrieve the ground rod and establish the electrical ground.

**NOTE**

New communication pass-through connections provided beginning with EWCC serial # ACEWCC208-03338. See page 0005 00-6 for details.

CAUTION

Ensure proper electrical source connections (110/220, single phase, 60 Hz) are made. Low power conditions may result in dimming of lights, improper HVAC operation, and/or tripped circuit breakers.

WARNING

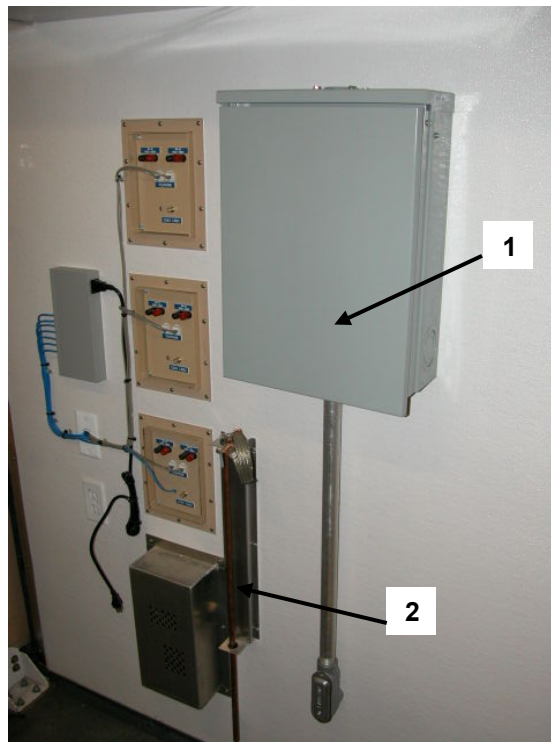
The electrical ground must be established first to prevent electrical shock to personnel. Consult ARMY TM 5- 811-3 Chapter 2 and MIL-HDBK 149A Chapter 2-5.

WARNING

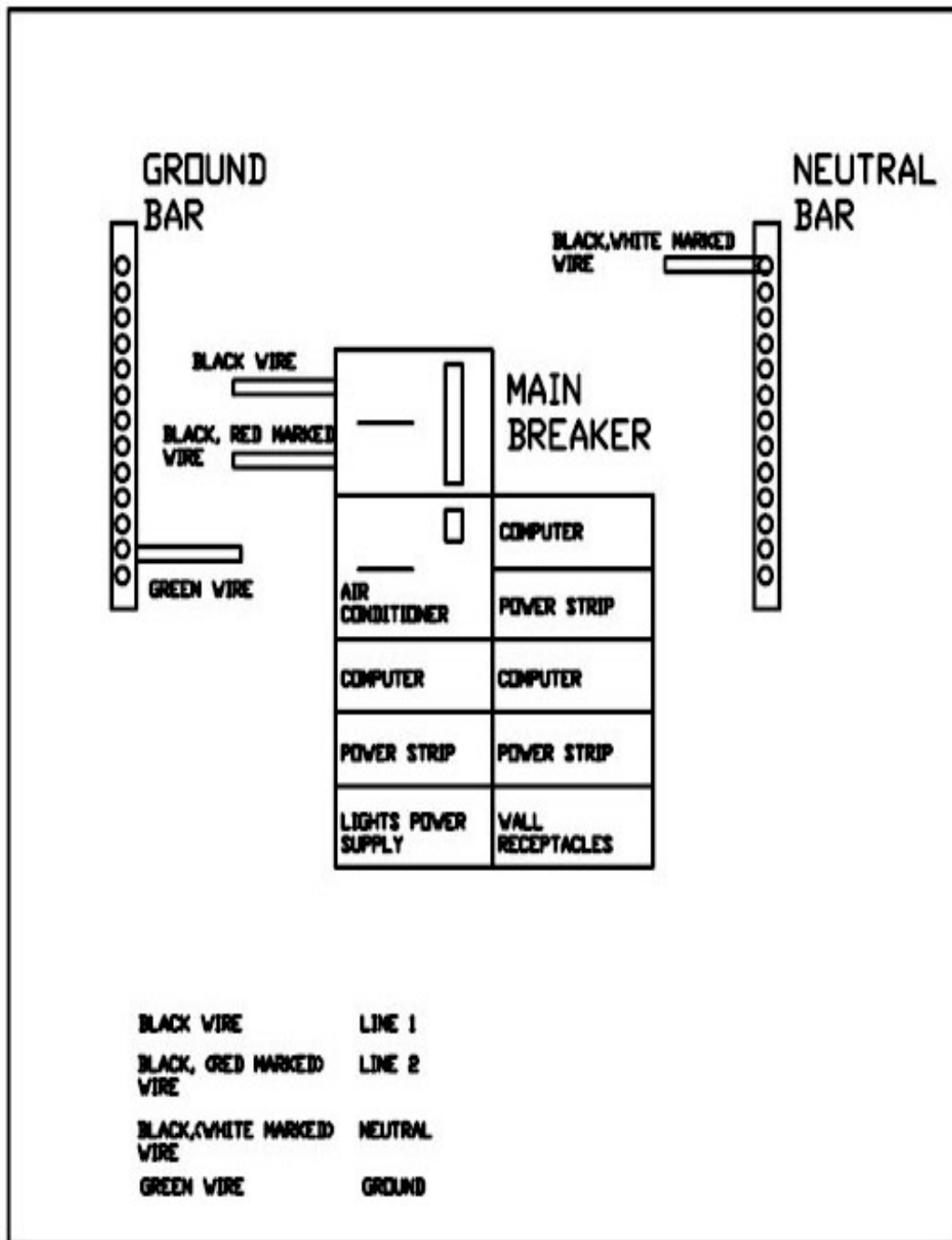
Ensure all circuit breakers and the main power source is switched off before making electrical connections. Ensure the proper electrical cable connectors (110/220, single phase, 60 Hz) are installed by a certified electrician Army MOS 21R and match the power source.

EWCC Circuit Load Center and Ground Rod

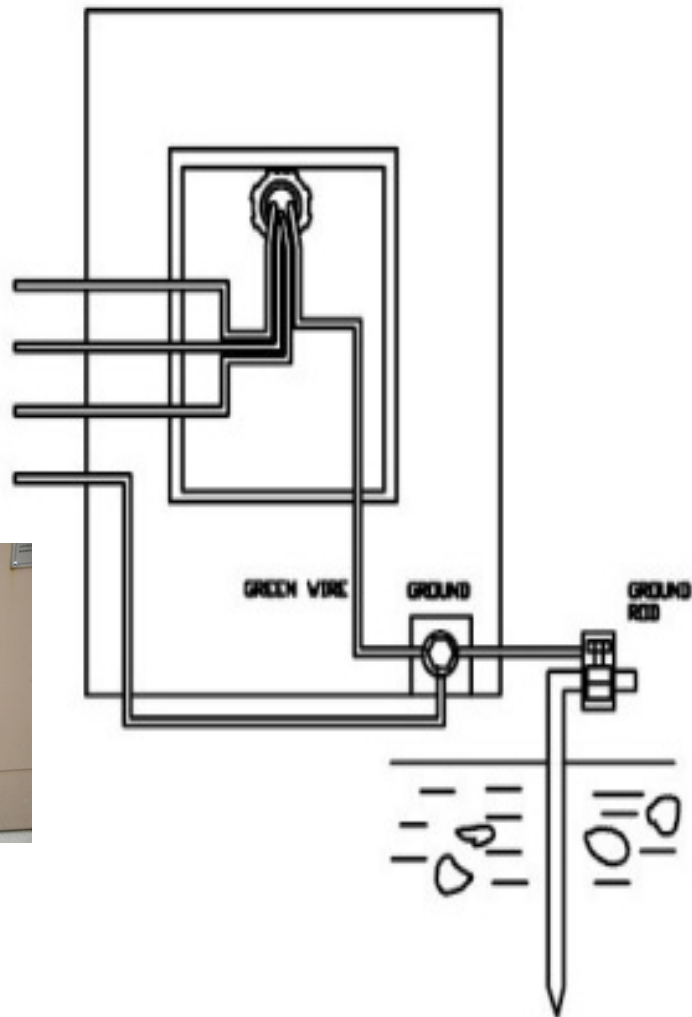
With the external connections made and the ground rod connected, proceed to the Load Center Box and actuate the main circuit breaker then the lighting and other circuit breakers. The Load Center Box (1) and Ground Rod (2) are located on the rear wall in the center of the EWCC.

**NOTE**

3-ft grounding rod replaced with 6-ft version beginning with EWCC serial # ACEWCC208-03440. Securing bracket relocated to corner of unit next to entry door.



BLACK WIRE.....LINE 1
 BLACK, RED MARKED
 WIRE.....LINE 2
 BLACK, WHITE MARKED
 WIRE.....NEUTRAL
 GREEN WIRE....GROUND



NOTES:

TO POWER THE UNIT:

YOU MUST HAVE 240 VOLTS SINGLE PHASE,
 AND WIRES NO SMALLER THAN AWG #8

CONNECT LINE ONE TO SOLID BLACK WIRE

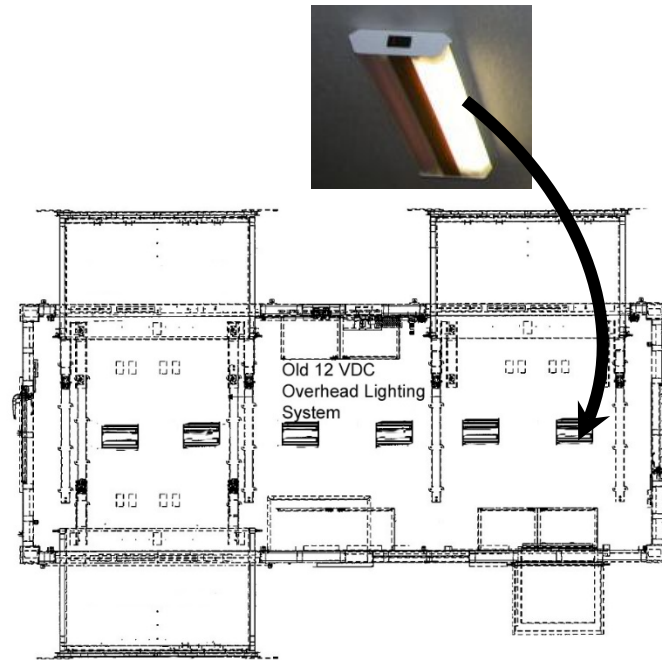
CONNECT LINE TWO TO BLACK, RED MARKED WIRE

NEUTRAL MUST BE CONNECTED TO BLACK, WHITE MARKED
 WIRE

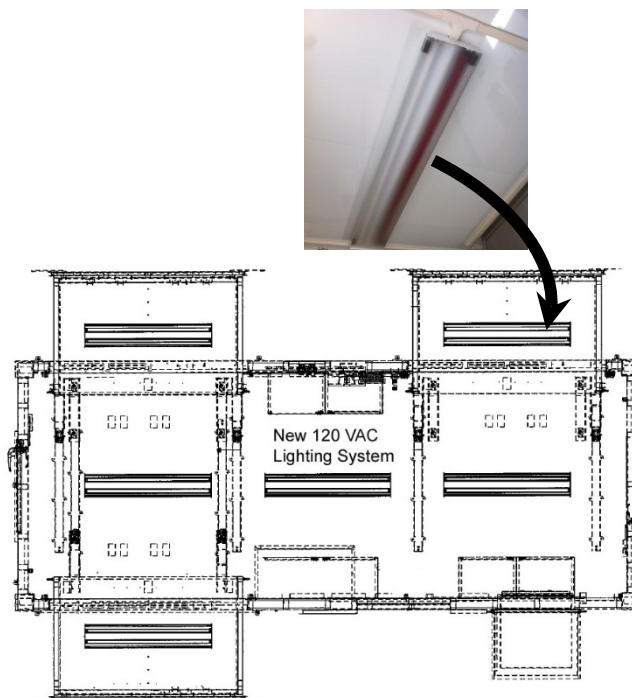
GROUND MUST BE CONNECTED TO GROUND BOLT,
 AT THIS SAME POINT, YOU NEED TO CONNECT THE
 GROUND ROD TERMINAL AND INSTALL GROUND ROD TO
 SOIL

EWCC Lighting Systems

The latest generation of the EWCC has been upgraded to six 4' long 120 VAC fluorescent light fixtures beginning with EWCC serial number ACEWCC208-03234.



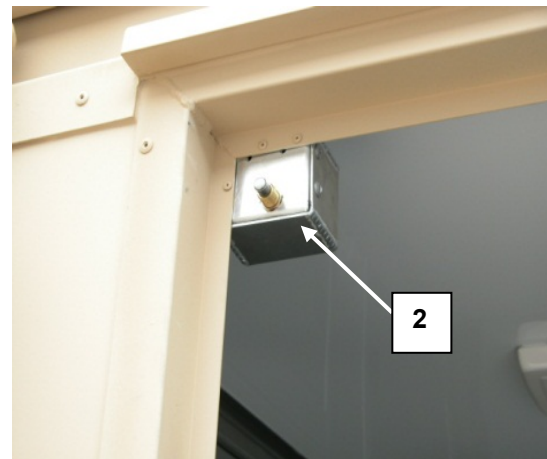
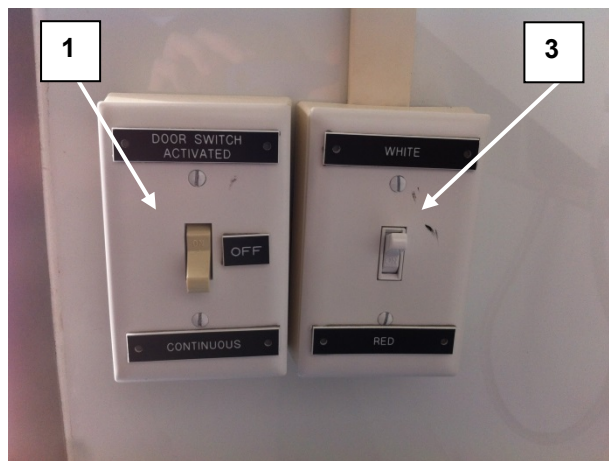
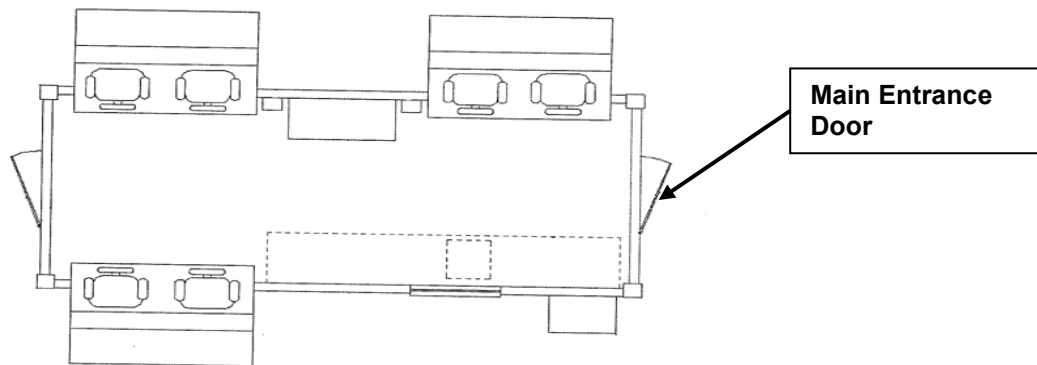
Older 12 VDC System prior to SN ACEWCC208-03234



Newer 120 VAC System SN ACEWCC208-03234 and beyond

RED/WHITE LIGHTING CONDITIONS

The EWCC is provided a bank of two switches just inside the main entrance door to control red/white lighting conditions.



The left switch (1) sequence is as follows:

4. The left switch in the up position will select "Door Switch Activated". This enables the door switches (2) to interrupt white light from escaping when the door is opened and switch to red light.
5. When in the center position, the lighting is off.
6. When in the down position, the light selection is continuous.

The right switch (3) sequence is as follows:

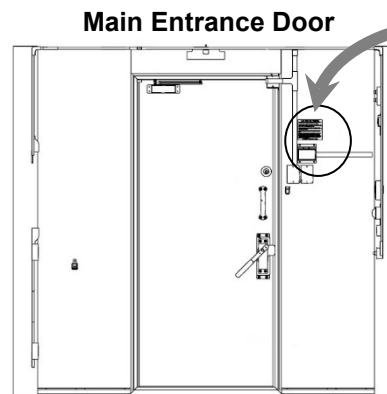
3. When in the up position, the white lighting is selected.
4. When in the down position, the red lighting is selected.

NOTE

The door switches will not permit the white lights to stay on when the doors are opened in both the red or white conditions.

EWCC HVAC Systems

The 24000 BTU Friedrich models prior to serial number #ACEWCC208-03347 have been discontinued.



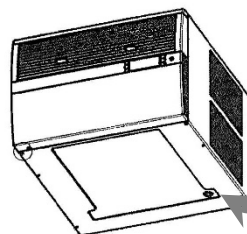
The HVAC thermostat applied to EWCC units SN ACEWCC208-03233 through ACEWCC208-03309 control is located on the rear wall next to the communication outlets between the Push- Out units. EWCC units SN ACEWCC208-03310 through ACEWCC208-03346 do not include thermostats.

The new 24000 BTU LG model has been applied beginning with serial number #ACEWCC208-03347.



NOTE

Both HVAC models retain condensation in the catch pan to assist in its efficiency.



CAUTION

Before retracting the HVAC unit into the EWCC, drain the condensation pan by depressing the condensation drain button in the bottom of the HVAC unit to remove water in the catch pan. Ensure the HVAC is properly serviced before deploying the EWCC in extreme heat and cold conditions.

END OF WORK PACKAGE

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OPERATOR INSTRUCTIONS**FPU® SYSTEMS OPERATION MANUAL
(INCLUDING REPAIR PARTS & SPECIAL TOOL LIST)
BOH CONTAINERIZED MISSION SYSTEMS
CCC and EWCC
BOH FPU Field Pack-up Units****OPERATION UNDER UNUSUAL CONDITIONS**

INITIAL SETUP:

CCC and EWCC Downloaded, Storage and Setup

Maintenance Level

Operator/Crew

Personnel Required

Two (plus one supervisor)

OPERATION UNDER UNUSUAL CONDITIONS

This work package provides instructions for the operation of the Containerized Mission Systems under unusual conditions. These include adverse weather, nuclear, biological and chemical attack, and emergency blackout conditions.

Operation in Rain and/or Mud

1. Provide an adequate drainage ditch to prevent standing water around the CCC and EWCC.
2. Secure all accessories and container during extremely harsh rain.

Operation in Hot or Cold Weather

1. Ensure the HVAC is properly serviced before deployment to extreme heat and cold conditions.

Operation in Snow, Ice, or Extreme Cold

WARNING



In extreme cold, do not touch metal parts with bare hands. Severe skin damage may result.

Fording

The CCC and EWCC are not watertight. It should never be submerged in any depth of water or material damage may result. When mounted on a trailer or truck, hard-bottom water crossings should be no deeper than approximately two feet. When in doubt, refer to Unit Standard Operating Procedures.

Interim Nuclear, Biological, and Chemical (NBC) Decontamination Procedures**WARNING**

The Containerized Mission Systems are NOT designed to be operated in contaminated NBC Environments. Do not operate in contaminated NBC environments. If possible, cease operation prior to an NBC event and close all doors.

END OF WORK PACKAGE