

# Vertiv™ CoolPhase Condensing Unit

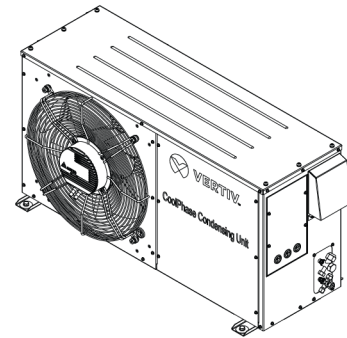
## Unpacking and Handling Instructions



For 3.5 kW, 7 kW and 11 kW models.

Reference guide for receiving,  
unpacking and preparing for  
installation.

**DO NOT THROW AWAY!**



## Safety Information



### WARNING

Risk of improper handling and contact with sharp edges, splinters and exposed fasteners. Can cause equipment damage, injury, or death. Use only trained and fully qualified technicians wearing appropriate OSHA approved personal protection equipment (PPE) who have read all of the following instructions to move, lift, remove packaging from, or prepare the unit for installation.



### CAUTION

Risk of contact with sharp edges, splinters, and exposed fasteners. Can cause injury! Wear appropriate OSHA approved personal protective equipment (PPE) when attempting to move, lift, remove packaging from, or prepare unit for installation.

### NOTICE

Risk of passageway interference. Can cause unit and/or structure damage. Refer to the installation plans and measure the unit and all passageway dimensions prior to moving the unit to verify clearances.

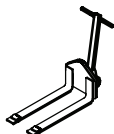
### NOTICE

Risk of improper forklift operation. Can cause unit damage. Keep tines of the forklift level and at a height suitable to fit under the pallet.

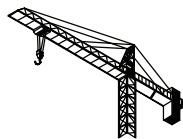
## Recommended Unit Handling Equipment



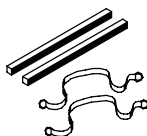
Fork Lift



Pallet Jack



Crane

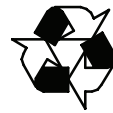


Lift Beam, Slings,  
& Spreader Bars

## Equipment Inspection

Upon arrival of the unit, and before unpacking, verify that labeled equipment matches Bill of Lading. Carefully inspect all items for either visible or concealed damage. Damage should be immediately reported to carrier and a damage claim filed with a copy sent to Vertiv or to your sales representative.

## Packing Material

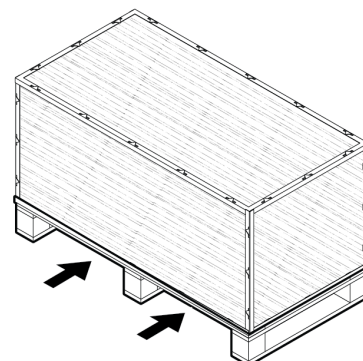


All material used to package this unit is recyclable. Please save for future use, or appropriately dispose of material.

## Handling Unit while packaged

Transport packaged unit using a fork lift or pallet jack.

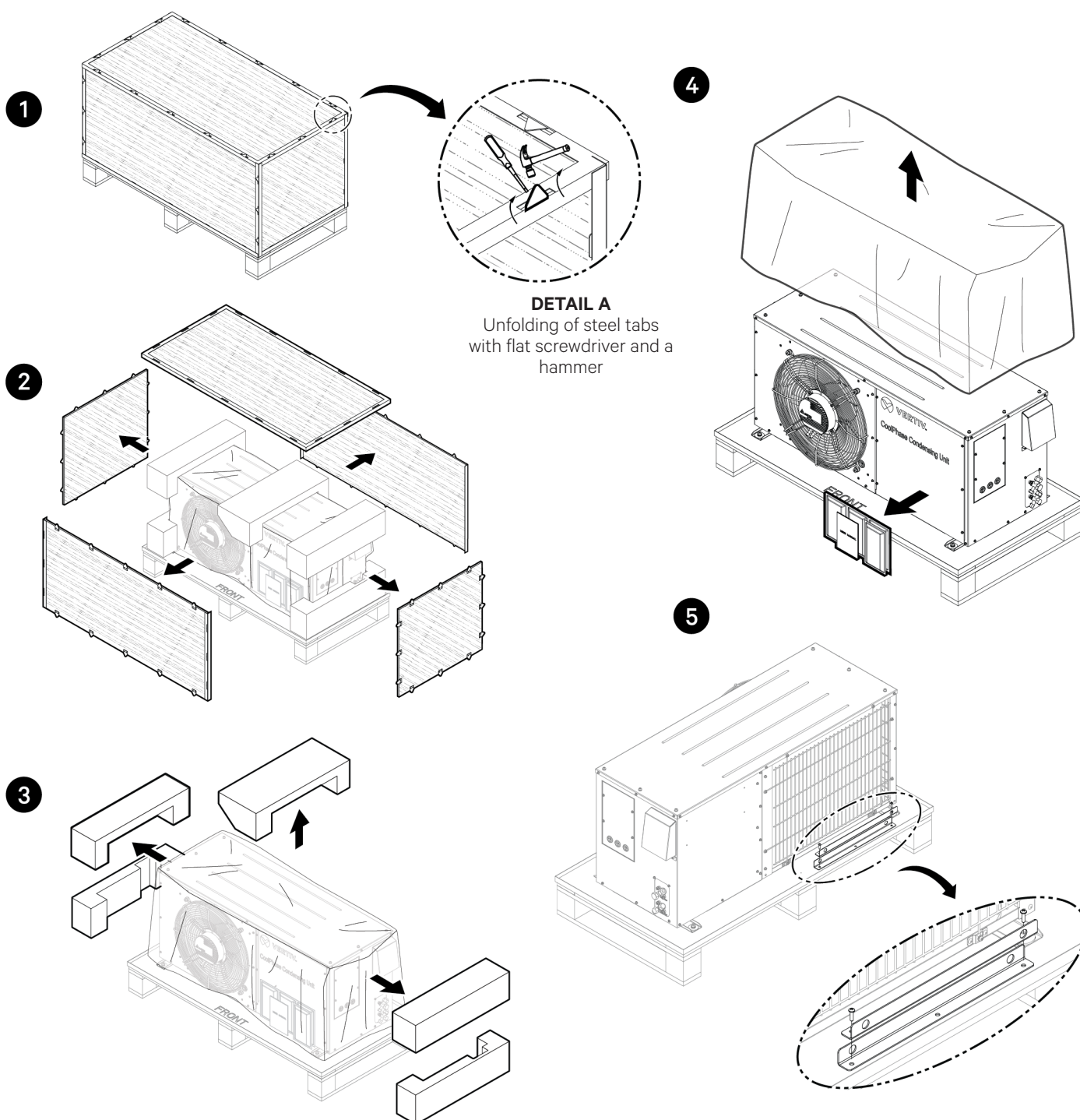
- When using a fork lift or pallet jack, make sure forks (if adjustable) are spread to widest allowable distance to still fit under pallet. Make sure fork length is suitable for pallet length. When a forklift is used, insert the tines of the forklift in the direction as shown in the figure below.
- Packaged unit shall not be lifted any higher than 2" - 4" (51-102mm) off ground when handled. All by-standing personnel shall be no closer than 12' (3.7m) to handled packaged unit.
- If circumstances require the unit to be lifted higher than 4" (102mm), great care shall be exercised, and all bystanding personnel are to be no closer than 20" (5m) to the lift point of the unit.



## Unpacking the Unit

### Follow these instructions to unpack the Unit:

1. Place the package on a leveled surface, then unfold the mild steel tabs on the wood box edges with the help of a flat screwdriver and a hammer.
2. Once all tabs are flattened, remove the wood panels to release the unit.
3. Remove all foam pads.
4. Lift the plastic bag that protects the unit, then take out the desiccant bags and User Manual.
5. Remove the lifting brackets from the pallet by removing two M5 screws attached to them.



## Removing Unit from Pallet



### WARNING

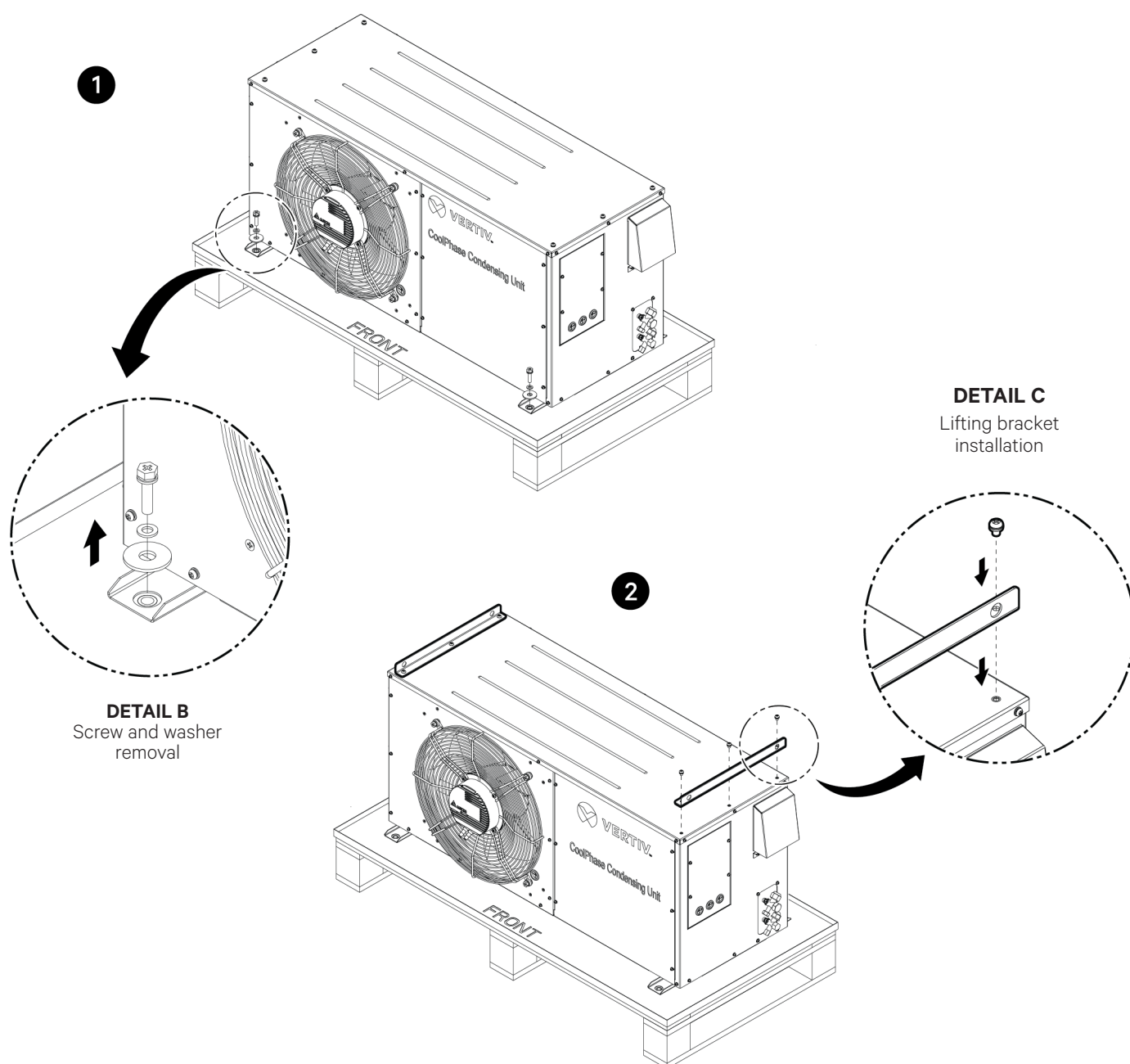
Two or more properly trained and qualified personnel are required to move the unit to its installation location.

**NOTE:** Select the lifting belt, hand lifting, or lifting ring according to the field situation. Lifting equipment is not included.

**NOTE:** In case of using a lifting ring, please remove the lifting brackets and install it on the top panel of the unit.

### Follow these instructions to remove the unit from the pallet:

1. Remove the shipping brackets from the pallet by removing four M8 hex screws and washers for each bracket.
2. Attach the lifting brackets on the top of the unit, reusing the six screws on the top panel to secure them.
3. Hoist the Unit to its designated installation location with the help of a crane anchoring the slings to the lifting brackets.





**To contact Vertiv Technical Support: visit [www.Vertiv.com](http://www.Vertiv.com)**

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