

Frequently Asked Questions

What lifting methods are recommended for DOAS units?

Warning:

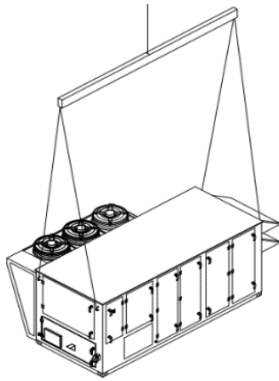
Spreader bars are required to prevent damage to the cabinet anytime a unit is lifted from above. Failure to use spreader bars of appropriate size can result in damage to the unit which is the installer's responsibility.

Lifting:

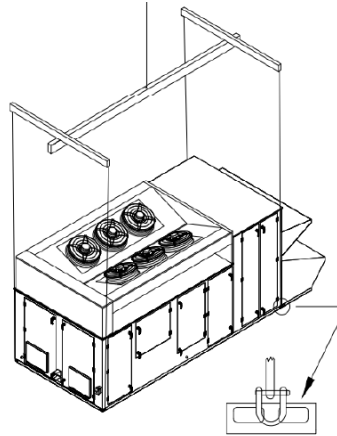
The housing sizes small, medium, large, and extra-large must be lifted from above using the available lifting points and spreader bars. The extra-small housing size may be lifted with a forklift. Details on these housing sizes can be found in the mechanical IOM if you are unsure as to which size you have onsite. See the steps below for proper lifting procedures.

1. Ensure that all shipping materials have been removed from the unit.
2. To assist in determining rigging requirements, weights are provided in the Unit Weights & Dimensions section of the mechanical IOM. Refer also to the unit's submittal for unit weight before lifting. Actual weights will vary based on the unit's configuration.
3. The unit must be lifted by all lifting lugs provided on top for all housing sizes except the large which must be lifted from the bottom.
4. Spreader bars must be 6-12" longer than the span of the unit to prevent damage to the cabinet by the lifting cables.
5. Never rest the spreader bar on the unit.
6. Always test-lift the unit to check for proper balance and rigging before hoisting to the desired location.
7. Never lift the unit by the weatherhood.
8. Never lift units in windy conditions.
9. The preparation of the curb and roof openings should be completed prior to lifting the unit to the roof.
10. Check to be sure that gasketing (supplied by others) has been applied to the top of the curb prior to lifting the unit and setting it on the curb.
11. Do not use forklifts for handling unit housing sizes small, medium, large, or extra-large.

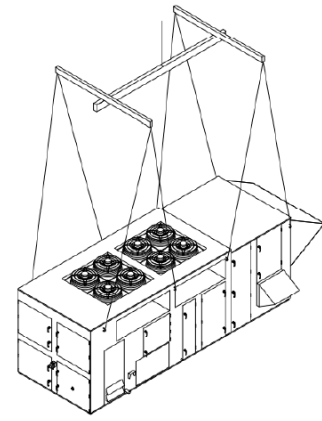
12. If using a forklift on the extra-small housing size, use forks with 48" length and ensure the forks extend to the opposite side of the unit using the factory-installed forklift pockets at the unit's base.



Lift from the top of the unit 4 lifting points.



Lift from the bottom of the unit 4 lifting points.



Lift from the top of the unit 6 - 8 lifting points.