ESA-3000 INSTALLATION GUIDE

PARTS LIST

Item	Part number	Description	Quantity
1	ESA-3000-BT-0202	Upper flange (#1)	1
2	ESA-3000-BT-0201	Side flanges (#2 and #3)	2
3	ESA-3000-BT-0203	Bottom flange (#4)	1
4	QNC-0002-0027	Screws #8 x 3"	20
5	QNC-0002-0039	Screws #14 x 3/4"	20

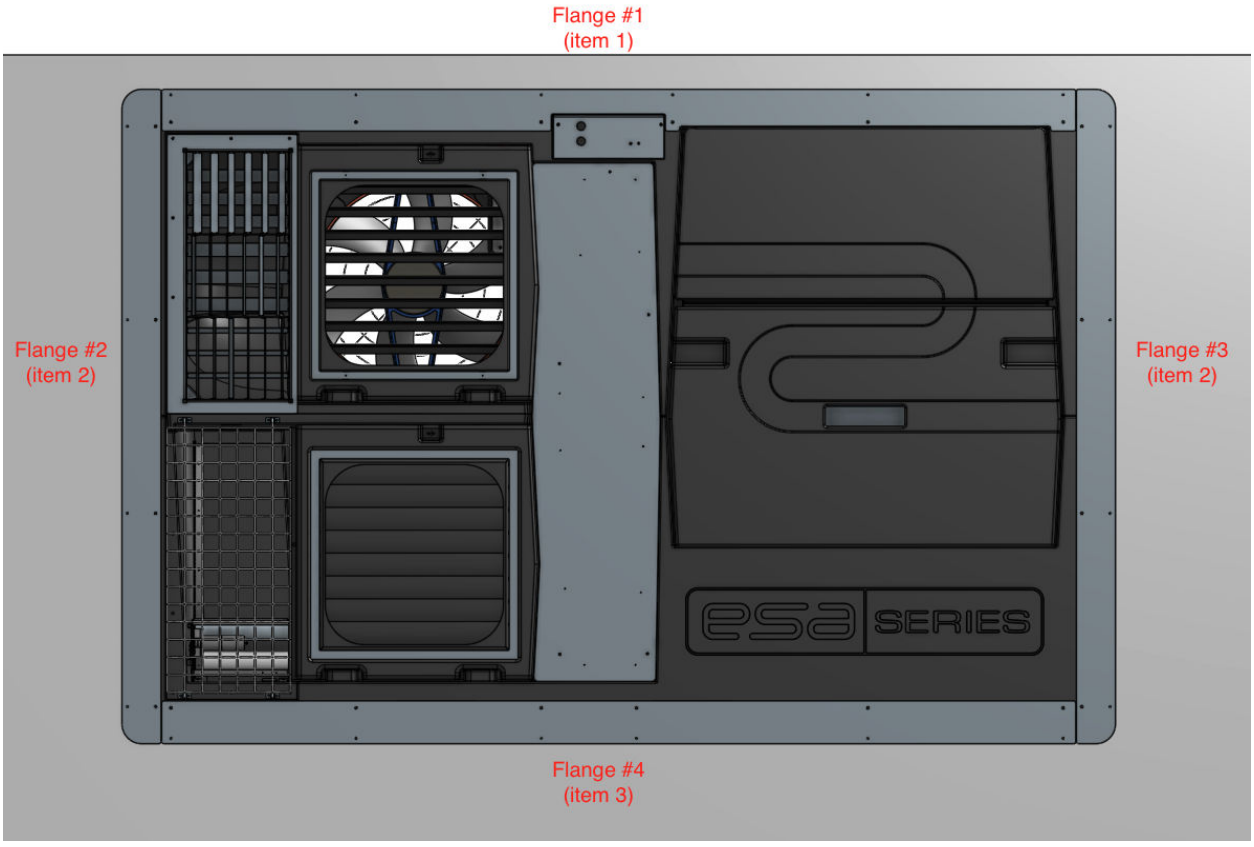


Image 1 - Position of each flange (view from inside the building)

NOTE **Before installing your heat exchanger in the wall, please make sure the framing is in compliance**

with all applicable building codes.

Step 1 : Flange #1

a) Starting with the flange #1 (item 1), align the cutouts of the flange with the heat exchanger;

b) Screw it in place with screws provided (item 5), starting from center. The bigger holes are meant for the screw #14 x 3/4" (item 5).

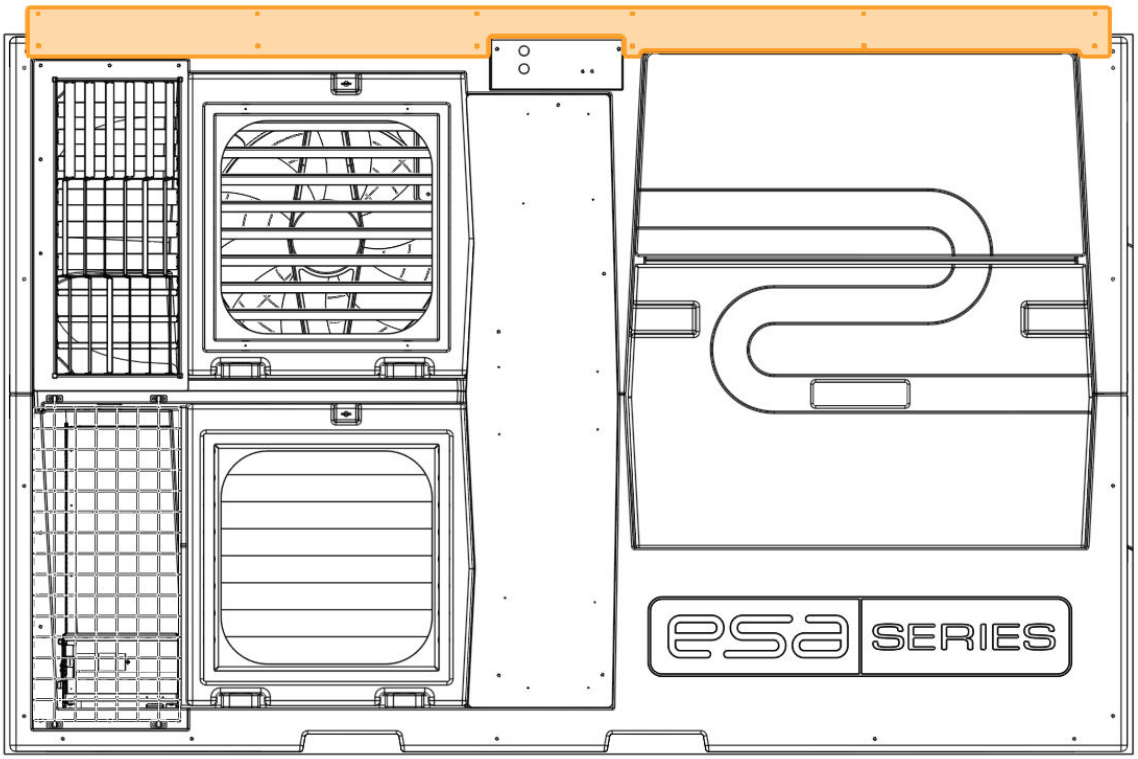


Image 2 - Alignment of flange #1 cutouts with the heat exchanger

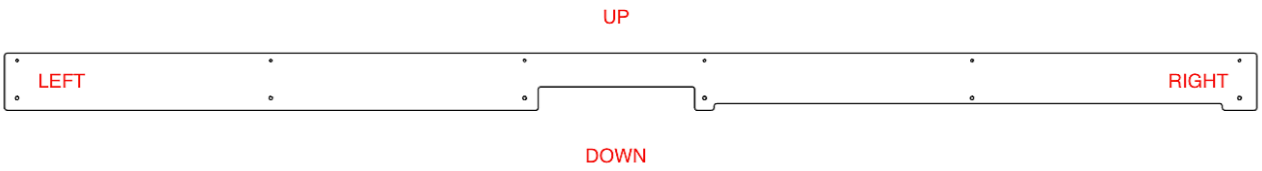


Image 3 - Front view flange #1

Step 2 : Flange #2 and #3

a) Starting with the left side, align the flange #2 (item2) making sure there is no gap between the flange #1 and that the rounded corner are on the outside;

b) Screw it in place with screws provided (item 5), starting from center;

c) Repeat the steps 1 & 2, for the flange #3.

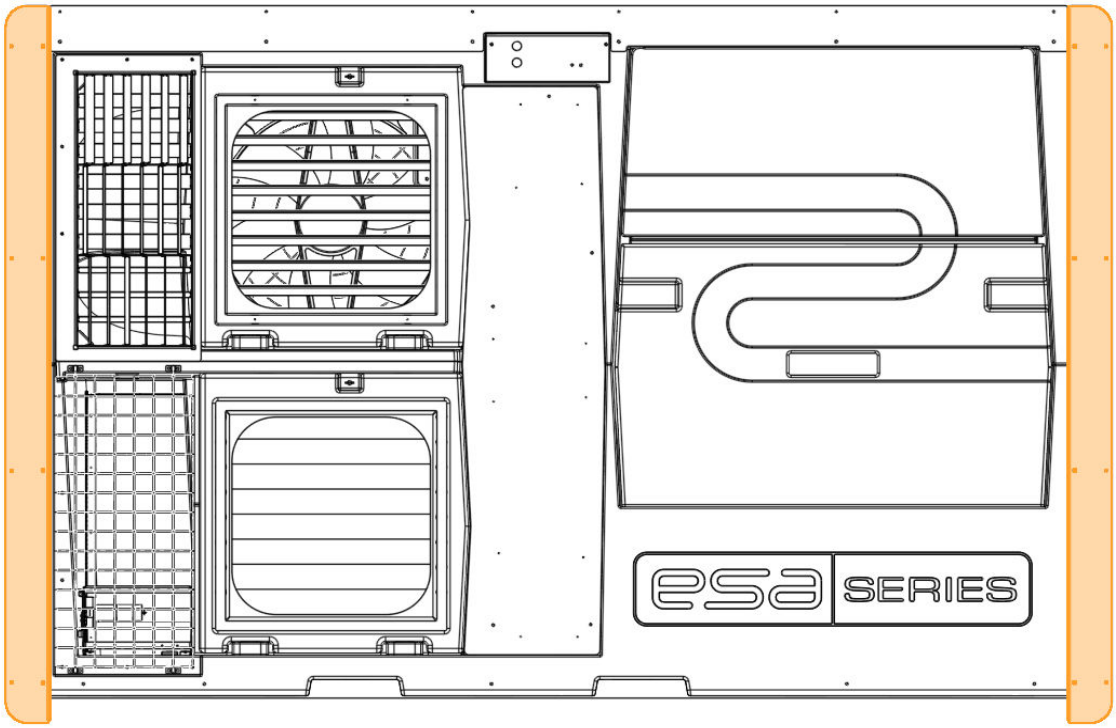


Image 4 - Alignment of flange #2 and #3

Step 3 - Flange #4

a) Install the ESA-3000 in the wall;

b) Place the flange #4 so there is no gap with the side flanges. Raise the flange until the openings for the fork lift are completely covered;

c) Screw it in place with screws provided (item 5), starting from center;

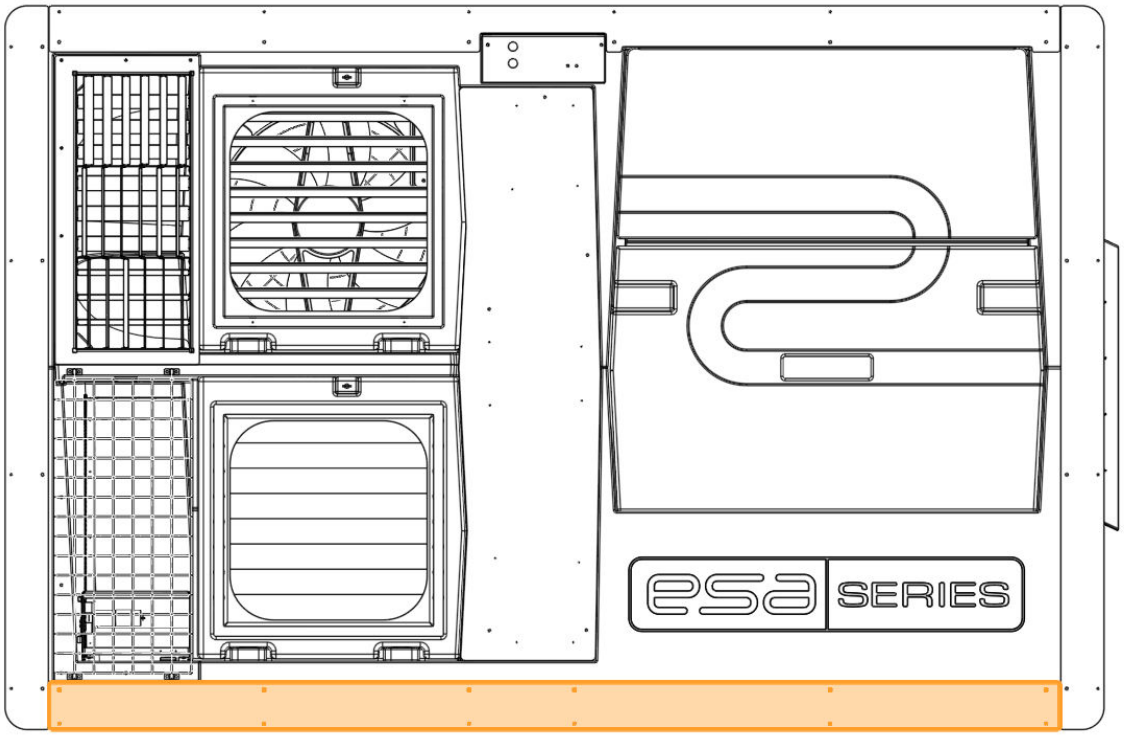


Image 5 - Alignment of flange #4

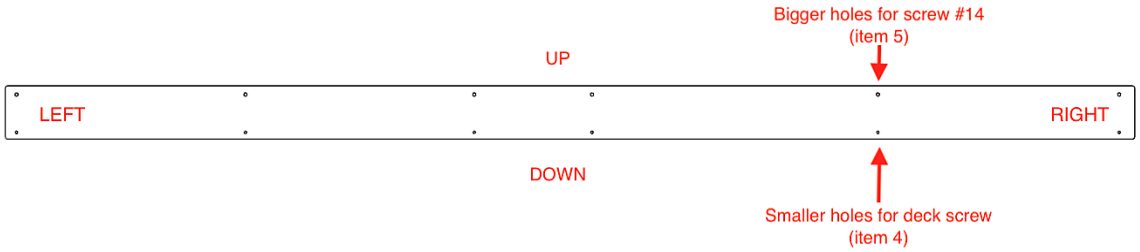
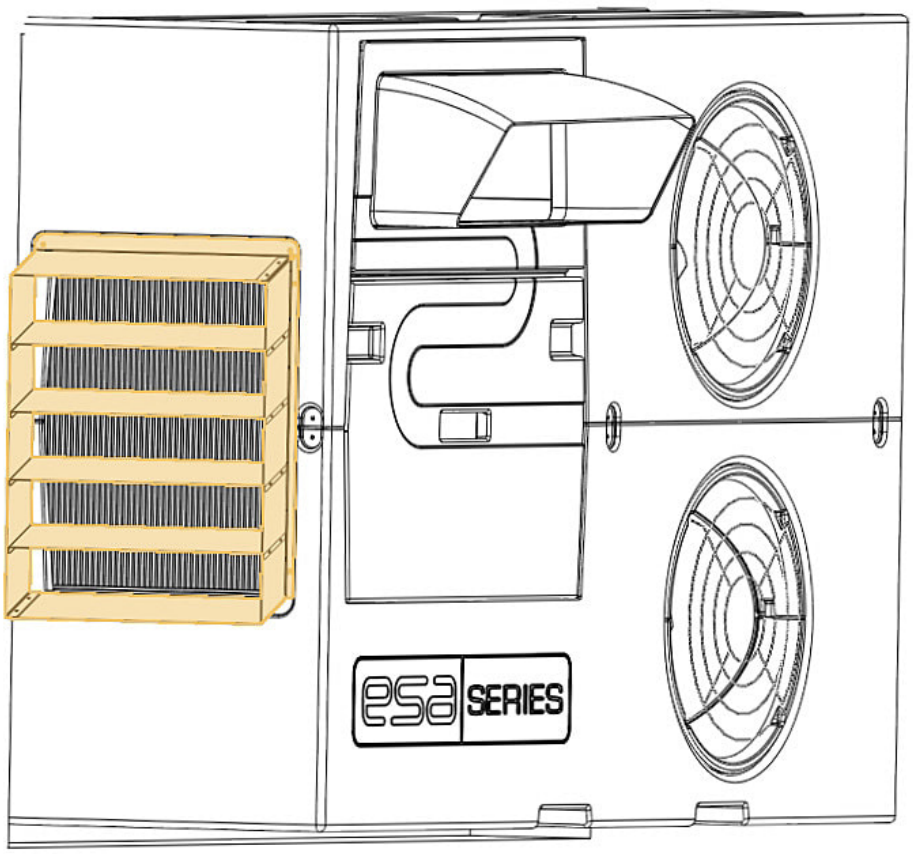


Image 6 - Front view flange #4

d) Fix the ESA-3000 in place with all the deck screws #8 included in the installation kit (item 4). There must be a screw in each hole of each frame;

e) From the outside, fill the gap between the heat exchanger and the wall with spray foam insulation.

AIR INLET INSTALLATION



ELECTRICAL CONNECTIONS

Use the two cables coming out from the front plate to connect the ESA-3000 :

1. Power

The 240VAC cable (SJOOW 3c/14 awg) must be connected to a manually operable control device that will safely disconnect all ungrounded conductors of the circuit at the point of supply simultaneously. The device shall be approved for corrosive environment. The power source must be protected with a 15A breaker.

* Consult with a certified electrician and ensure all your electrical connections are compliant with your local electrical building codes.

2. Communication

The 0-10V or Modbus cable (CMG 3c/18awg) shall be terminated in your ventilation controller. Consult with your local manufacturers representative for exact details.