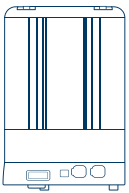




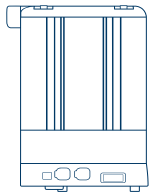
Innorack® IVC Rat Quick Start Guide

RACK COMPONENTS

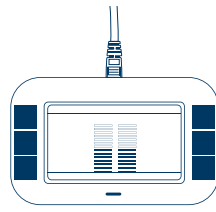
Before proceeding please check the package to see if the items below have been included in the shipment.



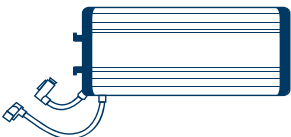
Supply blower(s)



Exhaust blower(s)



Controller with cable

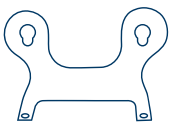


Power supply with cables

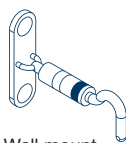
Single-sided rack (1 power cable attached)
Double-sided rack (2 power cables attached)



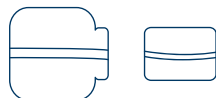
Power cable



Controller mount with screws



Wall mount bracket(s)
Single-sided rack only



Blower port plugs

Single-sided rack (1-sm, 1-lrg)
Double-sided rack (3-sm, 2-lrg)

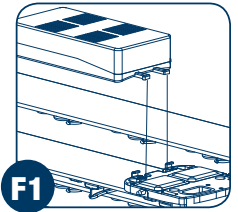
RACK SETUP

*Remove the wash caps before continuing with the setup process.

1. INSTALLING THE POWER SUPPLY

Verify the power switch is set to the off position (O).

Double-sided racks mount the power supply on "Exhaust A" or "Supply B". Single-sided racks mount the power supply on the Exhaust Blower end.

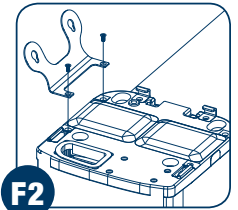


Secure power supply box to the top of the rack by placing the L-shaped bosses extending from the power supply box into the mating feature of the plastic blower supports (see F1).

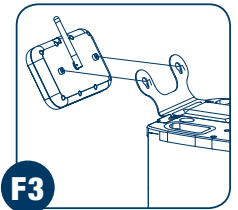
2. MOUNTING THE CONTROLLER

NOTE - Mounting instructions are for single-sided racks. Optional for double-sided racks.

Attach controller mount bracket to the top of blower support section using the screws provided and a #2 Phillips Head screwdriver (see F2).



Mount controller to the Controller Bracket (see F3).

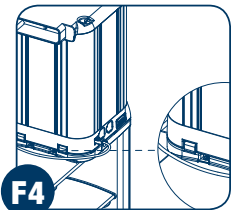


3. INSTALLING THE BLOWERS

Match the label on the front of the blower with the corresponding label on the side of the rack.

Tilt blower back and slide the two grooves in the back of the blower onto the two hooks at the back of the blower support (see F4).

Check to make sure blower feet sit properly in feet cavities. Pull the front of the blower down until both latches on the blower engage with the blower support. Press down on the front of the blower to ensure that it is locked in place.



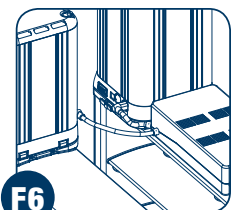
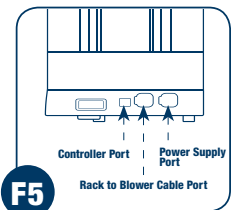
Connect the Rack to Blower Cable Port (see F5).

4. CONNECTING THE CONTROLLER CABLE AND POWER SUPPLY CABLES

Attach the controller cable at the Controller Port and then connect the power supply cables at Power Supply Port as shown in F5 & F6. Single-sided systems will only attach one power supply cable into the Power Supply Port.

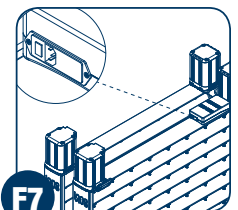
Attach the provided power cable to the power supply box (see F7) and then plug the power cord into a wall outlet or a power strip (100-240 VAC).

Finally, ensure all the blowers and the controller are plugged into the rack prior to turning the system on and insert the Blower Port Plugs into any unused ports.



5. TURNING THE SYSTEM ON

Press the switch on the power box located on the top of the rack to the on position (I).



BLOWER CALIBRATION

BEFORE OPERATING THE INNORACK, LEAVE THE RACK RUNNING IN ITS OPERATING ENVIRONMENT FOR 24 HOURS.

ALL RACKS MUST BE CALIBRATED PRIOR TO OPERATING.

DO NOT PRESS ANY BUTTONS WHILE BLOWER IS CALIBRATING.



DO NOT DISCONNECT BLOWERS WHILE RACK IS POWERED ON!

IT IS RECOMMENDED TO REPEAT THE BLOWER CALIBRATION PROCEDURE EVERY 6 MONTHS.



STEP 1. GETTING TO THE BLOWER CALIBRATION SCREEN

- Press and hold bottom buttons 5 and 6 on the digital controller until the menu screen appears.
- Scroll UP (button 1) or DOWN (button 5) until you reach the Blower Calibration screen (see **F8**).
- Press START to begin (see **F8**).

The controller will confirm the number of rack sides and current blower calibration values (see **F9**).

STEP 2. DISCONNECT HVAC BEFORE CALIBRATING

- Make sure the rack is disconnected from the HVAC system.
- Press CALIBRATE to begin (see **F9**).
- Press CONFIRM to ensure the rack is disconnected from all HVAC systems (see **F10**).

STEP 3. CALIBRATING THE BLOWER

After confirming the rack is disconnected from the HVAC, calibration of each blower will begin (see **F11**).

During the calibration process, the following will take place:

1. Airflow set points will be saved.
2. Blower fans will be turned off, and the controller will wait 30 seconds for the fans to stop spinning.
3. Each blower will be calibrated in sequence.

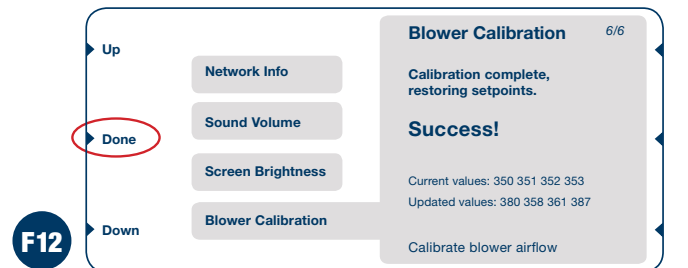
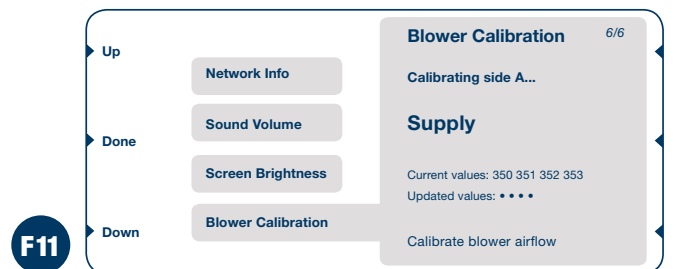
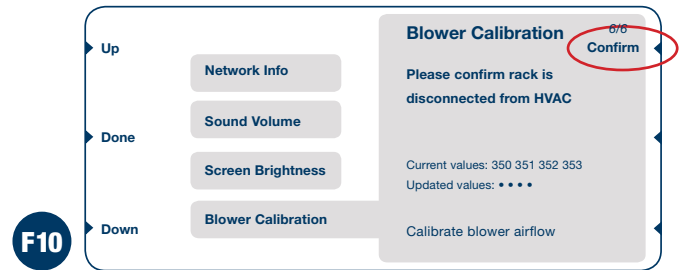
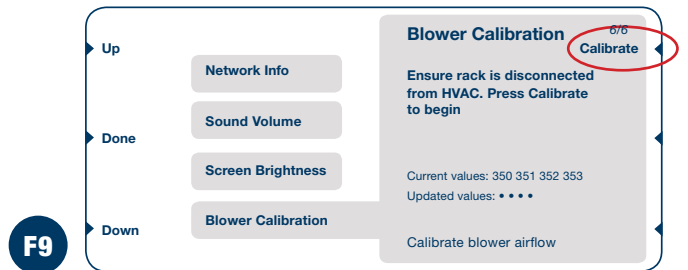
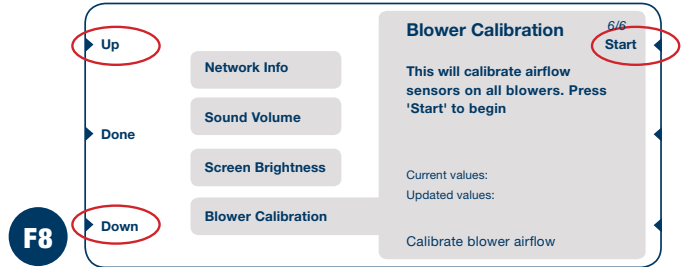
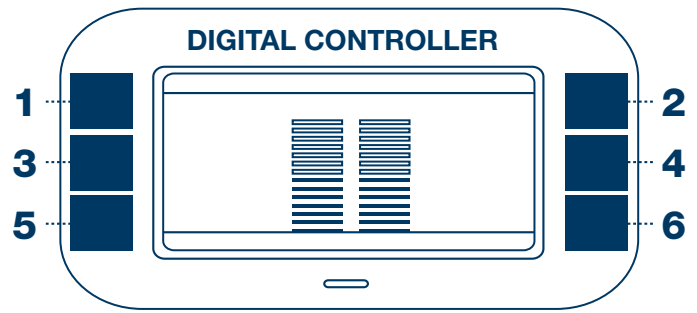
As each blower is calibrated, the updated calibration values will be displayed at the bottom right of the calibration screen (see **F12**).

STEP 4. BLOWER CALIBRATION IS COMPLETE

SUCCESS: Upon successful recalibration of all blowers, airflow set points will be restored. Blower calibration screen will remain displayed. To exit blower calibration screen, press DONE (see **F12**).

PROBLEMS: If any problems are encountered during the blower calibration process, airflow set points will be restored. Problem message will appear on the screen. Contact Innovive support for assistance.

If failure occurs, restart the blower calibration process, press RESTART. To cancel the blower calibration process, press DONE.



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