

USE THIS INSTRUCTION SHEET AS A TEMPLATE.

Width of cutout (13-1/8") is equal to the width of this sheet.

Length of cutout (16-1/2") is equal to the length of this sheet.



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**Installation Instructions and Mounting Template for
Model HUM-FP
High-Capacity Fan-Powered Flow-Thru Humidifier**



WARNING: This product must be installed by a qualified heating and air conditioning contractor. Failure to comply could result in serious injury from electrical shock, or damage to furnace or heating appliance, or void all warranties.

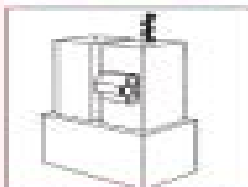
ADDITIONAL WARNINGS:

1. Disconnect electrical power to the furnace before starting installation to avoid serious injury or electrocution.
2. Use care when cutting plenum openings and handling electronic. Sharp edges may cause serious injury.
3. Do not cut or drill any air conditioning or electrical accessories during installation. Electrocutation is possible if you come in contact with a live electrical wire. Discharge can occur if refrigerant contacts your eyes.

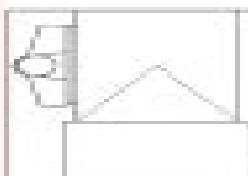
CAUTIONS:

1. Do not install the unit where freezing temperatures could occur, or where temperatures could exceed 180°F.
2. Do not install the unit on a furnace tank.
3. Do not install the unit on a plenum face where the marked-off ends of the ceiling will extend or protrude through the furnace.
4. Do not set humidity higher than recommended. Condensation damage may result.
5. Do not set humidity up to recommended levels if there is condensation on the inside windows of any living space. Condensation damage may result.
6. Do not install the unit on any plenum where static pressure exceeds 0.47 W.G.
7. Do not install the unit where water pressure exceeds 120 psi. Leakage may result.
8. Be sure that the installation, wiring and plumbing on the humidifier comply with local codes, ordinances and regulations.

**IMPORTANT:
Humidifier
Placement
Information**



Align the Model HUM-FP Fan-Powered Flow-Thru Humidifier on the FURNACE AIR PLENUM ONLY.



Position the humidifier in relation to the AC cooling coils.

STEP-BY-STEP INSTALLATION INSTRUCTIONS



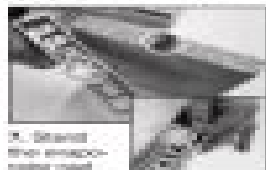
1. Tape the template (this entire sheet) onto the warm air furnace plenum, making sure it is level.



2. Trace around the template. (Cutout size is 13-1/8" wide by 16-1/2" long.) Remove the template. Assembly cut the plenum opening.



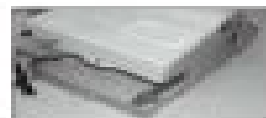
3. Slide the mounting frame into the plenum opening so that the frame fits over the bottom of the opening. Secure the frame to the plenum.



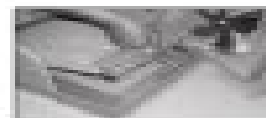
4. Slide the evaporator pad straight into the black index mark on top. Make sure the pad is seated securely in the drip tray.



5. Disconnect the humidifier control wires by grasping the nylon connector firmly and pulling straight out.



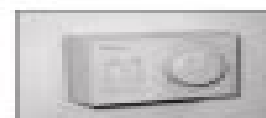
6. Remove the cover by turning the thumb screws (indicated by arrows) counter clockwise. Lift and tilt the cover off the frame.



7. Push out the drip tray and evaporation pad assembly by grasping the top lip and lifting out.



8. Reattach the cover assembly by hooking it at the top of the mounting frame. Secure the cover by turning the thumb screws at the bottom clockwise.



9. Position the humidifier on either an interior wall of the home or the return air plenum of the furnace, as indicated by following the instructions in the parts bag.



Call-free Goodman Helpline 800-855-7776 (Toll-free)
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Hamon Optima Fp Installation Instructions Manual

Minjie Lin



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