



Fan Trays

RACK-MOUNTABLE ASSEMBLIES

UEB17H, 2EB17H, 3EB17H MODELS

INSTRUCTION MANUAL

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NOTE: Some of the information in this manual may not apply if a special unit was ordered. If additional drawings for a special unit are necessary, they have been inserted. Contact nVent Equipment Protection if further information is required.

UNPACKING AND INSPECTION

Directly upon receipt, inspect the fan tray. Check for concealed damage that may have occurred during shipment. Any damage evident should be noted on the freight bill. Damages should be brought to the attention of the delivering carrier within 15 days of delivery. Save the carton and packing material and request an inspection. Then file a claim with the delivering carrier.

nVent Equipment Protection cannot accept any responsibility for freight damage, however, we are ready to assist you in any way possible.

INSTALLATION

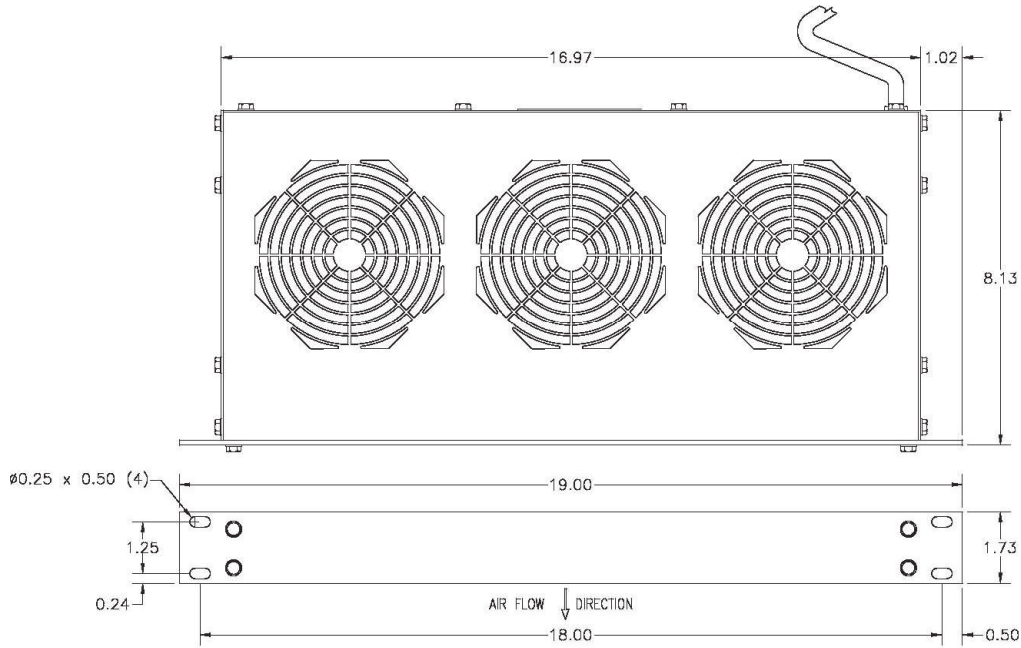
The fan tray configuration, along with dimensional data, is shown in the Model Drawing in Appendix I. Connect the fan tray to a grounded outlet via the provided power cord.

TECHNICAL INFORMATION

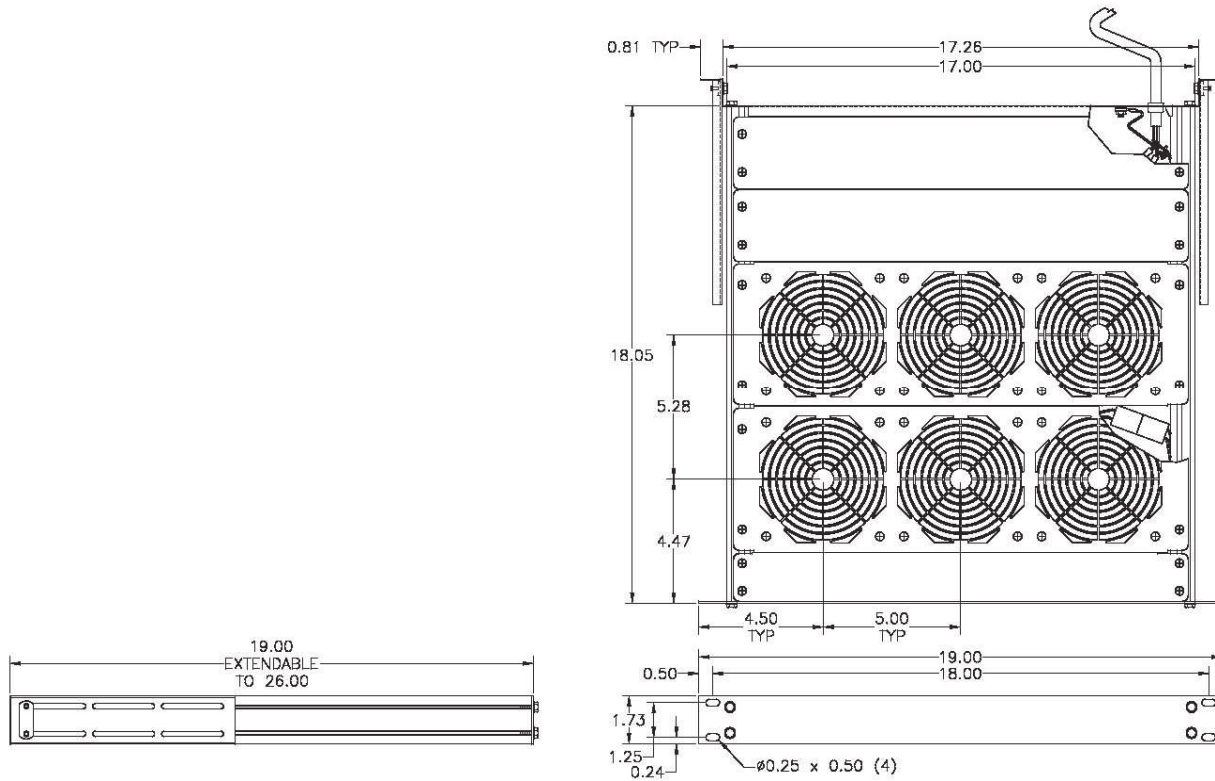
DESIGN DATA

Model	Voltage	Hertz	Phase	Current (Amps)	Air Delivery (CFM)	Sound Level (dBA)	Maximum Ambient Temperature (°C)
2EB17H115	115	50/60	1	1.5	194	60	70
3EB17H115	115	50/60	1	2.25	291	63	70
UEB17H115	115	50/60	1	0.75	97	58	70
2EB17H230	230	50/60	1	1	194	60	65
3EB17H230	230	50/60	1	1.5	291	63	65
UEB17H230	230	50/60	1	0.5	97	58	65

DIMENSIONAL DRAWING

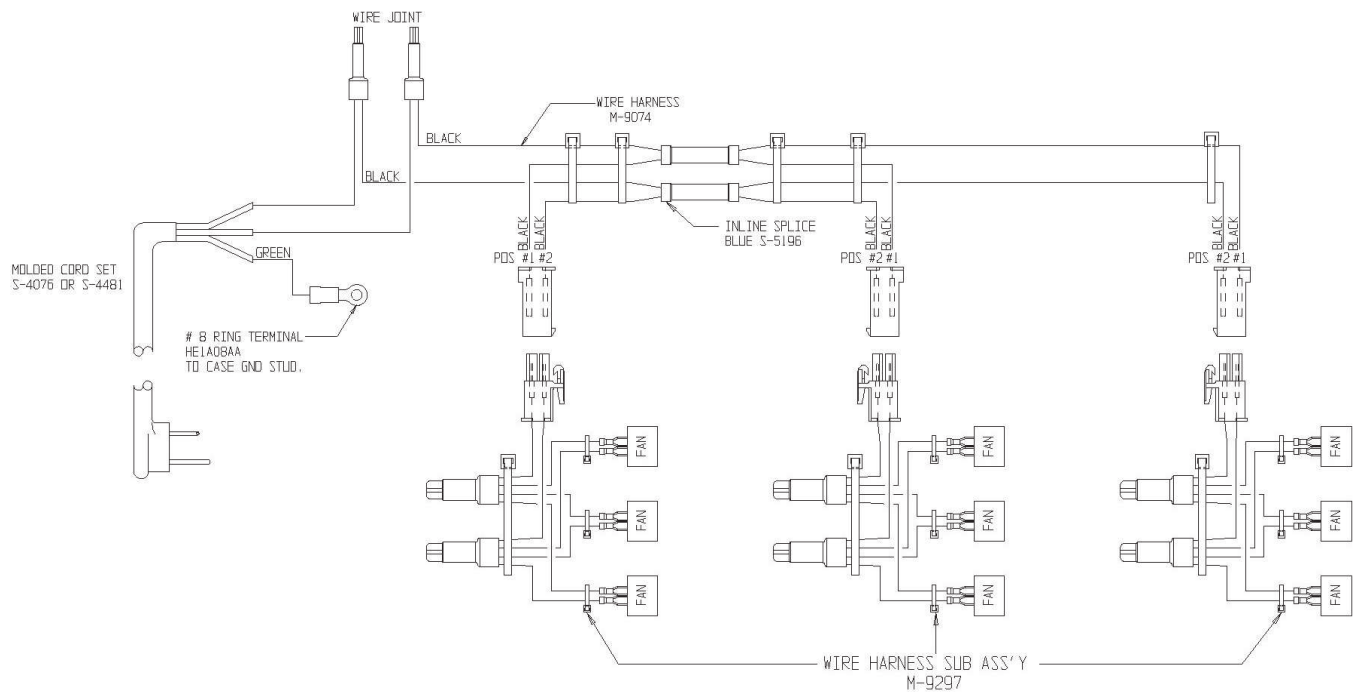


Fan Tray Model Drawing - UEB17



Fan Tray Model Drawing – 2 & 3EB17 (2EB17 model shown)

WIRING DIAGRAM



NOTES

- 1.ON THE 1EB UNITS ONE WIRE HARNESS SUB ASS'Y IS REQ'D.
- 2.ON THE 2EB UNITS TWO WIRE HARNESS SUB ASS'Y IS REQ'D.
- 3.ON THE 3EB UNITS THREE WIRE HARNESS SUB ASS'Y IS REQ'D.

Wiring Diagram – 2 & 3EB17

MAINTENANCE

The fan tray is designed to provide reliable, trouble-free operation. There is no maintenance required other than to inspect the unit at regular intervals to make sure that there is no buildup of foreign matter in the air management system. If loose foreign matter is found remove by brushing or blowing with pressurized air.

For additional technical support, contact nVent Equipment Protection at 800-896-2665.

PARTS REPLACEMENT INSTRUCTIONS

Should it be necessary to service the fan tray, disconnect the cabinet circuit breaker, remove all power from the power cords, and disconnect the power cords before disassembling or servicing the unit.

Model 2EB17H115, 3EB17H115	
Part Number	Part Description
13-1015-01	Fan, 115V, 4.5"
M-9297	Wire Harness (1 per 3-fan module)
M-9074	Wire Harness, Fan Tray (1 per fan tray)
S-4076	Power Cord, 18/3, 5-15 Plug

Model 2EB17H230, 3EB17H230	
Part Number	Part Description
13-1015-02	Fan, 230V, 4.5"
M-9297	Wire Harness (1 per 3-fan module)
M-9074	Wire Harness, Fan Tray (1 per fan tray)
S-4481	Power Cord, 18/3, 6-15 Plug

Model UEB17H115	
Part Number	Part Description
13-1015-01	Fan, 115V, 4.5"
M-9297-2	Wire Harness
S-4076	Power Cord, 18/3, 5-15 Plug

Model UEB17H230	
Part Number	Part Description
13-1015-02	Fan, 230V, 4.5"
M-9297-2	Wire Harness
S-4481	Power Cord, 18/3, 6-15 Plug

WARRANTY

Please note: Warranty effective at time of shipment. nVent Equipment Protection warrants that all material and workmanship are free of defects in quality which impair the usefulness of the fan tray for a period of five (5) years for nonoperating parts, except for the filter; and for one (1) year for everything else when installed and operated under the following conditions:

- A. Maximum voltage variation no greater than plus or minus 10% of nameplate nominal rating.
- B. Maximum frequency variation no greater than plus or minus 3 Hz. of nameplate nominal rating.
- C. Must not exceed minimum and maximum stated temperatures on the nameplate.
- D. Not to exceed (BTU/Hr.) rating, including any heat sink, as indicated on the nameplate.
- E. The unit must not be restarted for a period of one (1) minute after intentional or accidental shut-off. (This does not apply to heat exchanger or filter fan.)

nVent Equipment Protection warrants that all material and workmanship are free of defects in quality which impair the usefulness of the filter fan package and all custom fan tray for a period of one (1) year, except for the filter, when installed and operated under conditions A, B, C and D as listed above.

Not covered in this warranty is damage to the fan tray due to the introduction of other than the nameplate-designated refrigerant. Operation of any nVent Equipment Protection product that has not been designed with proper protective coatings and/or options and is in an abnormal or corrosive environment voids the warranty. Prolonged operation with dirty filters also voids the warranty.

Should any part prove defective within the above warranty period, the customer may choose to return the defective product that is under warranty to nVent Equipment Protection for repair at no charge or the customer has the option to repair the defective products at his own expense and nVent Equipment Protection will supply repair parts at no charge providing the defective part is returned and found to have failed under warranty. Parts supplied as warranty replacement parts will assume the balance of the warranty on the part returned for warranty consideration.

Please be advised: According to the Federal Register, no person maintaining, servicing, repairing, or disposing of appliances may knowingly vent or otherwise release into the environment any class I or class II substance used as refrigerant.

nVent Equipment Protection assumes no liability beyond the repair or replacement of its own product. Customer modification of any nVent Equipment Protection product voids this warranty.

The purchaser assumes the responsibility of grounding the unit and installing it in accordance with local electrical and safety codes, as well as the National Electric Code (NEC) and OSHA.

THIS EXPRESS WARRANTY CONSTITUTES THE ENTIRE WARRANTY WITH RESPECT TO THE PRODUCT AND IS IN LIEU OF ALL OTHERS, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OR MERCHANTABILITY AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND IN NO EVENT IS NVENT EQUIPMENT PROTECTION RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER.

HOLD HARMLESS

In consideration of purchase of equipment from nVent Equipment Protection by a customer, nVent Equipment Protection agrees to indemnify and hold harmless such customer and users with a defense, as to any claim, demand, statutory court cost, fees for attorney's services provided for below, and/or judgment, for actual of alleged patent infringement in any country, arising out of the use, sale or advertisement of any equipment manufactured or sold by nVent Equipment Protection to nVent Equipment Protection's own specifications, provided that the customer or user shall promptly notify nVent Equipment Protection in writing of any such claim or demand, provided further that nVent Equipment Protection shall have the right and option to undertake and control the entire defense of such claim, or demand instituted against the customer or user, but limited to the products made or sold by nVent Equipment Protection, through counsel selected by nVent Equipment Protection, and to settle and pay any claim award arising out of such claim or demand, and provided further that the customer or user will provide such information and assistance as nVent Equipment Protection may request subject to reimbursement by nVent Equipment Protection for any out-of-pocket expense incurred in providing such requested assistance. Liability of nVent Equipment Protection for any infringement or claim thereof shall be limited to the above undertaking.



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