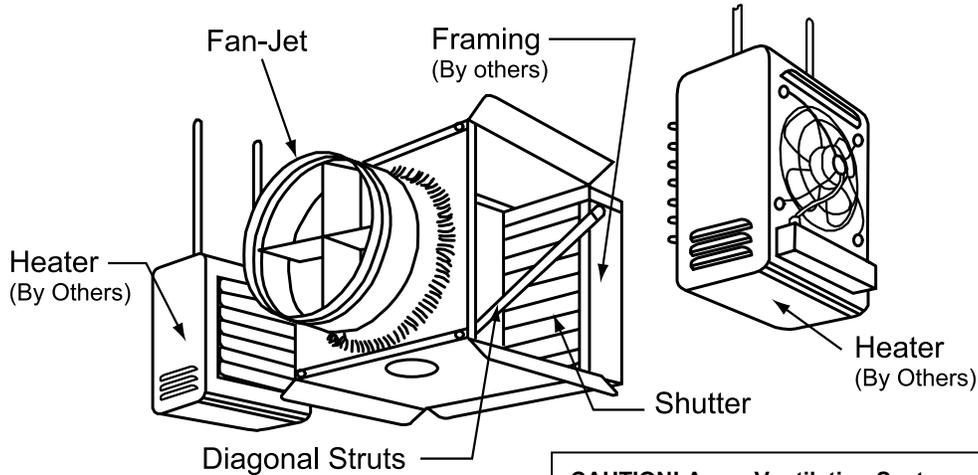




INSTALLATION INSTRUCTIONS

PLASTIC FAN-JET® HEATING ACCESSORY



CAUTION! Acme Ventilation Systems are designed to operate under negative pressure with timers and thermostats. Only heaters designed to operate within these specific conditions should be utilized with an Acme Ventilation System.

FAN-JET PERFORMANCE DATA

| MODEL | FAN-JET MODEL | HP | TUBE SIZE | | CFM | MOTORIZED SHUTTER MODEL | FRAMED OPENING | | * HEATING CAPACITY WITH HEAT-KIT BTU/HR. OUTPUT HEATER TEMP RISE OF: | | | | DISTANCE FROM HEATER TO FAN-JET® OPENING* | |
|-------|---------------|------|-----------|-----|------|-------------------------|----------------|-----------|--|---------|---------|---------|---|------------|
| | | | IN | MM | | | IN | MM | 40 | 50 | 60 | 70 | IN | MM |
| PHT18 | RCP18B4 | 1/10 | 18 | 457 | 2140 | WAAC2626 | 23 X 23 | 584 X 584 | 77,000 | 95,000 | 112,000 | 128,000 | 30 - 48 | 762 - 1219 |
| PHT18 | RCP18F4 | 1/3 | 18 | 457 | 3050 | WAAC2626 | 23 X 23 | 584 X 584 | 109,000 | 135,000 | 159,000 | 182,000 | 30 - 48 | 762 - 1219 |
| PHT24 | RCP24G6 | 1/2 | 24 | 610 | 5115 | WAAC3333 | 30 X 30 | 762 X 762 | 162,000 | 200,000 | 236,000 | 271,000 | 30 - 60 | 762 - 1524 |

* The output BTU rating of gas fired heaters is 80% of their input BTU rating.

See CAUTION*

The unit heater louvers should be at the same elevation as the Fan-Jet inlet opening and spaced a proper distance from it, with the axis of the unit heater discharge opening directed toward the Fan-Jet inlet opening. If this is not done, flame disturbance can result and can lead to flame impingement on the heat exchanger and eventually heat exchanger failure. It can also cause pilot outage problems leading to nuisance service calls or loss of heat in the greenhouse.

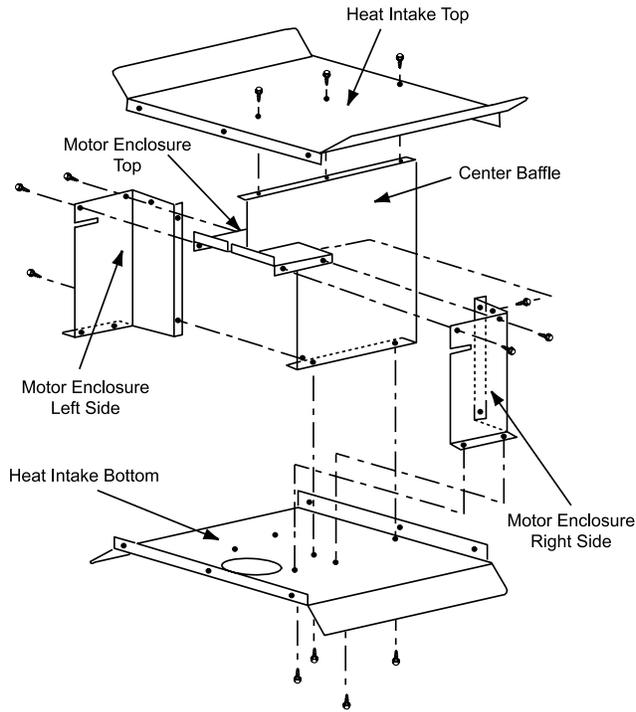
If the Fan-Jet end of the house is colder than the remainder of the house, adjusting one or two of the lower louvers of the heater to a downward position to divert part of the heated air to the end wall area will usually correct the problem.

***CAUTION!** To avoid combustion malfunctions when two heaters are used with one Fan-Jet: The minimum heater from Fan-Jet opening distance must be maintained, both heaters must operate simultaneously, unless center baffle is used, and the discharge louvers must be directed toward the top of the Fan-Jet opening.

CAUTION! These units have rotating parts and safety precautions should be exercised during installation, operation and maintenance.

Notice: In cases where motors with wiring boxes are used, the motor mount bolt must be loosened and the motor rotated so that the wiring box is approximately 45° above the horizontal position.

1. These instructions are intended to be used in conjunction with the installation instructions for the Fan-Jet convection tube system (attached to the Fan-Jet unit). Follow the location and framing guide in the Fan-Jet instructions (Items 1 through 4) and the installation Instructions included with the unit heater.
2. The horizontal struts shipped with the Fan-Jet will not be used with the heating accessory. The proper spacing of the Fan-Jet unit will be accomplished with the top and bottom heat intake pieces and two of the diagonal struts shipped with the Fan-Jet.
3. The heat shield should be assembled to the Fan-Jet unit using the exploded view (shown on page 2) as a guide.
4. Attach the heat shield assembly to the framed opening with the fasteners provided.
5. Continue with the installation of the tubing as directed in items 12 through 29 of the Fan-Jet installation instructions Form 610108.



WARNING! DO NOT use in HAZARDOUS environments where fan's electrical system could provide ignition to combustible or flammable materials, unless unit is specifically built for hazardous environments.

CAUTION! Guards must be installed when fan is within reach of personnel or within seven (7) feet of working level or when deemed advisable for safety.

NOTICE

These instructions cover the usual installation, operation and maintenance methods for which the product(s) was designed. They do not purport to cover all details or variations in the product(s) nor to provide for every possible contingency that might be met in connection with the installation, operation and maintenance. For any departures from these instructions, or should particular problems arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to Acme Engineering and Manufacturing.

DISCLAIMER

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WARNING

Acme products are designed and manufactured to provide reliable performance, but they are not guaranteed to be 100% free of defects. Even reliable products will experience occasional failures and this possibility should be recognized by the User. If these products are used in a life support ventilation support system where failure could result in loss or injury, the user should provide adequate back-up ventilation, supplementary natural ventilation or failure alarm system or acknowledge willingness to accept the risk of such loss or injury.

LIMITED WARRANTY

WARRANTY AND DISCLAIMER. Acme Engineering and Manufacturing Corporation extends this limited warranty to the original buyer and warrants that products manufactured by Acme shall be free from original defects in workmanship and materials for two years from date of shipment, provided same have been properly stored, installed, serviced, maintained and operated. This warranty shall not apply to products which have been altered or repaired without Acme's express authorization, or altered or repaired in any way so as in Acme's judgment to affect its performance or reliability, nor which have been improperly installed or subjected to misuse, negligence or accident, or incorrectly used in combination with other substances. The Buyer assumes all risks and liability for the results of use of the products. Warranties on purchased parts such as electric motors, pumps and controls are limited to the terms of warranty extended by our supplier.

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Within 30 days after receipt of a timely claim, Acme shall have the option either to inspect the product

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Acme is not responsible for the cost of removal of the defective product or part damages due to removal, or any expenses incurred in shipping the product or part to or from Acme's plant, or the installation of the repaired or replaced product or part.

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