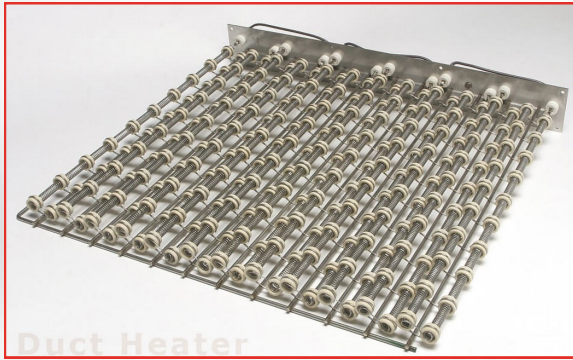


Duct Heater 13 Quick Guide



Product Description

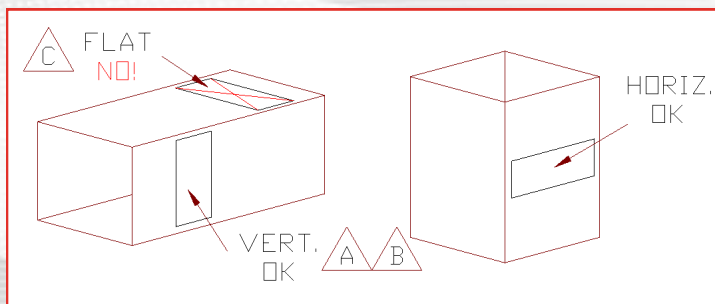
The Duct Heater 13 is rugged, efficient and is capable of heating large volumes of air with fast warm-ups and cool-downs. Designed for low pressure drops and no build up of excessive temperatures allow for the use of smaller, more economical blowers

Installation and Dimensions

For installing the DH13 into a duct the following cutout is recommended. Please visit www.farnam-custom.com for dimensions and a cutout diagram

1. **A.** The terminal plate must be attached to a vertical surface
2. **B.** It may be oriented vertically, as shown, or horizontally in the same plane
3. **C.** It must **NOT** be oriented flat on the top or bottom of the duct. The coils will not be supported sufficiently
4. DH13 heater will accept #10 and 6mm screws
5. Use #30 drill for #10 type 'A' sheet metal screw for up to .030" thick metal

CAUTION: Avoid damaging the coils by contacting the edges of the cutout while inserting the heater assembly



CAUTION

Tutco-Farnam Custom Products recommends installation be performed by qualified personnel familiar with the National Electrical Code and all local codes and standards. It is the responsibility of the installer to verify the safety and suitability of the installation

Failure to follow Tutco-Farnam's recommendations could result in premature failure, serious equipment damage, injury or death

WARNING

DO NOT mount heaters in an atmosphere containing combustible gases, vapors, dusts or fibers



Hazardous voltages are present in this equipment. Disconnect power before working on this heater



Exterior of heater at exhaust is approximately the air temperature. Treat the exterior of the heater as a potential burn hazard

Typical causes for uneven airflow are structural components blocking air or mounting the heater too close to elbows, transitions or the fan/blower

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Troubleshooting your DH13

If reduced heat output is suspected...

1. Disconnect power to the heater
2. Check the resistance across the heater leads and ground—if there is a low resistance measured it indicates that the coil has shorted to ground
3. Check the resistance across the heater leads—If there is a very high/infinite resistance it indicates the heating element has a break in it
4. Contact Farnam Custom Products to replace the heater



CAUTION: Troubleshooting and repairs should only be attempted by



qualified maintenance personnel

Maintaining your DH13

Periodically check all electrical connections, including field and factory-made connections for tightness and all wiring for deterioration

DO NOT continue using a heater if there are signs of damage. Consult Farnam Custom Products

828.684.3766

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Arden, NC 28704

www.farnam-custom.com

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