

EC

ELECTRIC COILS



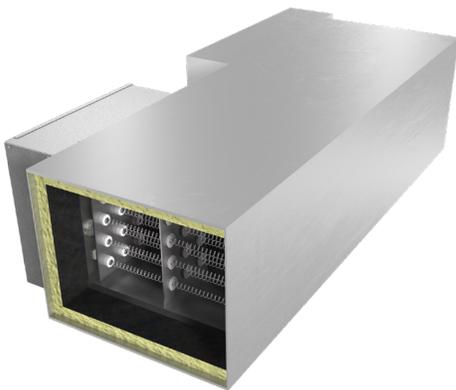
EC Electric Coils

Electric reheat coils are available for single duct and fan powered terminal units. These factory mounted electric coils are ETL listed to meet electrical safety standards, and comply with dual designation CSA 236/UL 1995. Standalone coils supplied as duct heaters are certified in compliance with UL 1996.

The electric coils feature a compact, slide-in design that allows for easy maintenance in the field. The electric heaters make use of low watt density heating elements to minimize hot spots and thermal cut-out, as well as thermal safety switches to ensure safe operation.

For single duct units, the electric heater is a side-mounted, slide-in style unit specifically designed to mount in the extended terminal casing.

For fan powered units, the electric heat controls are interlocked and sequenced with the recirculating fan, ensuring that the heater is only energized when the recirculating fan is operating.



Single Duct Terminal with Electric Reheat



*Fan Powered Terminal Unit
with Electric Reheat*

OPTIONAL FEATURES

Electric heaters are available with a number of options:

- + Primary or secondary fusing for added safety or to meet local electrical codes.
- + Silicon Controlled Rectifier (SCR) for analog heater control using proportional, pulsed AC, or pulsed DC signals. The SCR helps to extend element life and eliminates sound produced by contactors.
- + Solid State Relay (SSR) for quiet, staged operation.



Slide-in Electric Reheat



Discharge View of Fan Powered Terminal Unit with Electric Reheat

TYPICAL APPLICATIONS

Electric coils offer an alternative to water reheat coils and operate using standard building electrical power.

Electric coils are available as an accessory for single duct and fan powered terminal units, or as a stand-alone duct heater.

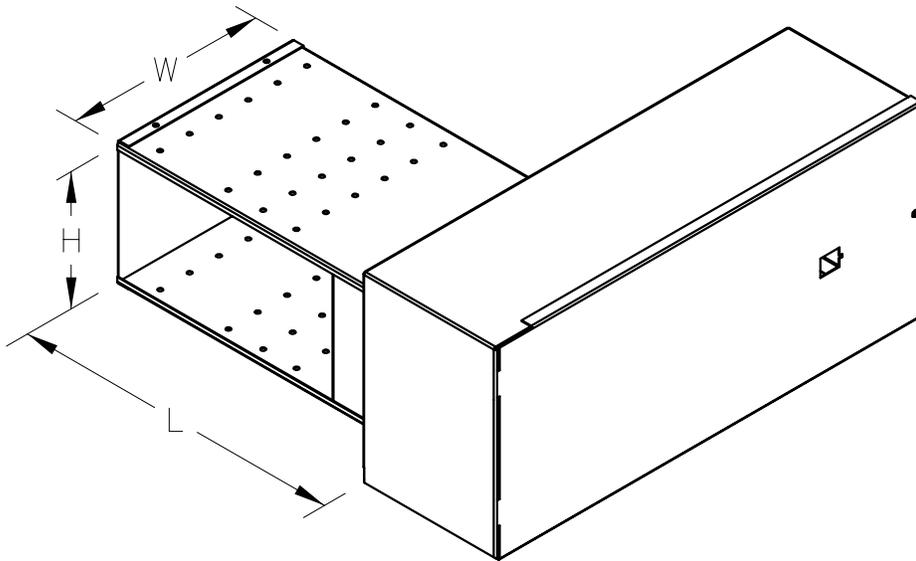
STANDARD DESIGN

- + 80/20 nickel-chromium elements
- + Automatic thermal reset
- + Secondary thermal cut-out
- + Fan interlock switch (fan powered only)

OPTIONAL FEATURES

- + Door interlock disconnect
- + Mainline fusing
- + Insulated heater section
- + SCR control with discharge air temperature sensor
- + Airflow switch (standard on single duct units)

DIMENSIONAL DATA



Electric Coils

Length (L)	Height (H)	Width (W)
11 in.	5 3/8 in.	8 in.
	7 3/8 in.	
13 in.	9 15/16 in.	
15 in.	12 7/16 in.	
19 in.	14 in.	
23 in.	15 in.	
37 in.	15 in.	

price | **TERMINAL UNITS**

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