



## FINNED RADIANT TUBES

Open tube systems have been used for many decades, primarily for tempering furnaces. The recuperative burner systems, however, are relatively new.

**AVION** finned radiant tubes offer a larger surface area considerably improving their heat efficiency and distribution.

Because the fins are thread-shaped, an optimum flame distribution from the burner tip to the tube exit is achieved.

Further advantages of Si / SiC radiant tubes are:

- durability and reliability at temperatures up to **2450°F**
- outstanding resistance against:
  - thermal shock
  - overheating
  - oxidization
  - carburizing
  - creep elongation
  - corrosive atmospheres
  - vibration
  - magnetizing
  - residues of detergents

heat flow: **125 BTU/in<sup>2</sup>**

Finned radiant tubes in sectional view



*Avion finned tubes  
+ uniform temperature  
= considerable energy  
saving*



COMPANY PROFILE

GRAFBOARD®

BURNER SYSTEMS

SI/SIC RADIANT TUBES

**FINNED RADIANT TUBES**

MUFFLES

FURNACE CHAINS

VENTILATING FANS

STOP-OFF COATINGS

BURNER TIPS

SPYROCOR™

**AVION** Manufacturing Company

879 S. Progress Drive, Unit D  
Medina, Ohio 44256

phone (330) 220-2779

fax (330) 220-3709

web [www.avionmfg.com](http://www.avionmfg.com)

e-mail [info@avionmfg.com](mailto:info@avionmfg.com)