

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/in²**

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™