

## Proficient Technologies Radiator Trap Insert Kit Model: RAD1/2-20XX

### Material Specifications:

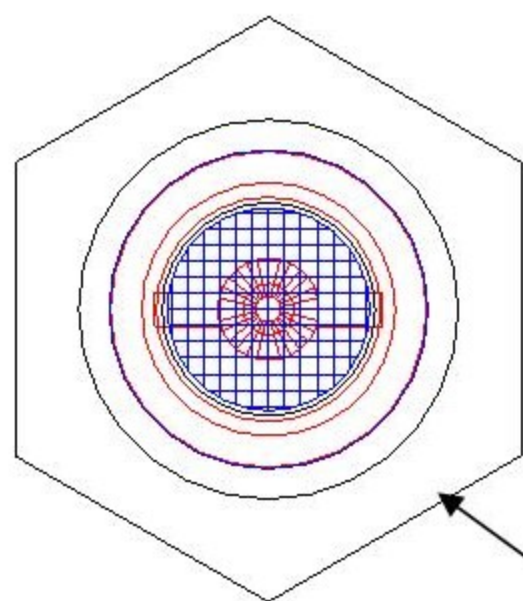
- Screen & Flange will be of 316SS Construction (ASTM A276)
- Retaining Nut will be of 303SS Construction (ASTM A582 Annealed)
- Fixed Nozzle will be of 316SS Construction (ASTM A276)

### Features:

- ◆ No moving parts to wear or fail
  - Eliminates leaking & failed open steam traps
  - Efficiency does not deteriorate with time
- ◆ Engineered nozzle per each application
- ◆ Integral strainer
- ◆ Nozzle & Strainer are in-line inspectable/replaceable

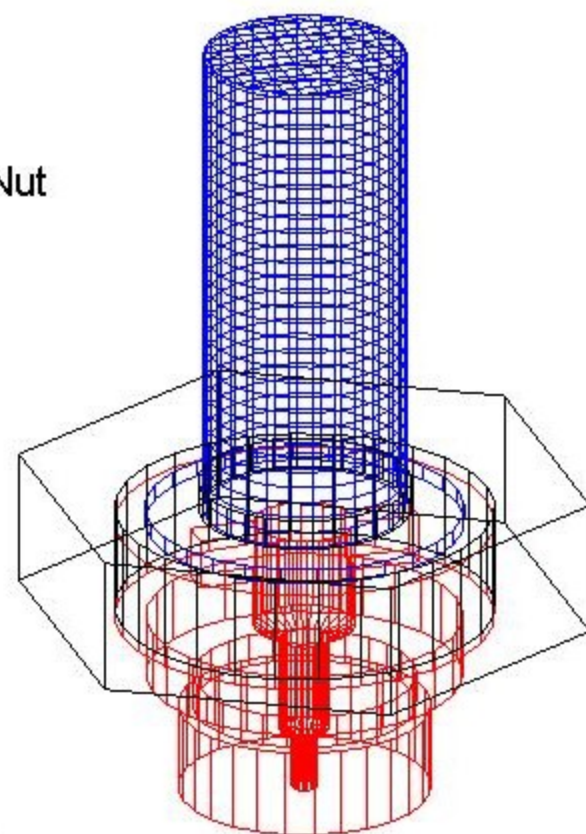
### Benefits:

- ◆ Can not fail in open position *and*:
  - waste steam/energy
  - pressurize condensate return system
  - cause other trap/equipment performance problems
- ◆ Restores condensate system pressure to design levels
- ◆ Eliminates water hammer
- ◆ Does not back up condensate before discharging *therefore will*:
  - reduce formation of carbonic acid and consequent pipe deterioration
  - maximize heat transfer surface area (improve equipment efficiencies)
- ◆ Automatically vents air and non-condensables

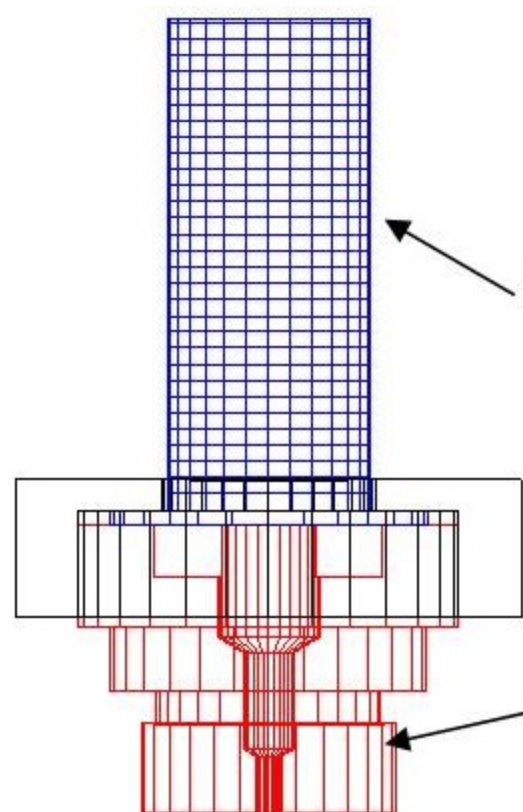


HEX Retaining Nut

Top View



Screen with Flange



Fixed Nozzle threaded to adapt to existing thermostatic trap body

Front View

Part No.: RAD1/2-20XX
Date/Revision: Rev.1



**Proficient Technologies**

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