

# Basin Heater System

## Penberthy steam injection

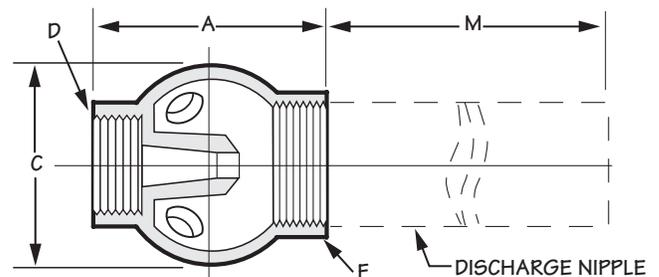
engineering data  
and specifications



Penberthy NWH bronze steam jet heaters are available for freeze protection (installation by others) in cooling tower cold water basins. Live steam, as required, is injected directly into the water when used in conjunction with the steam basin heater controller and a steam valve with related piping.

### STEAM MUFFLER FEATURES:

- Combines steam and water in cold water basins where contents may be recirculated
- Uses on-site steam to keep water from freezing in the winter months
- Capable of using up to 140°F steam
- Simple and inexpensive, no moving parts
- Made from cast, low lead bronze



| Size | A      | C      | D    | F    | M   |
|------|--------|--------|------|------|-----|
| 1/4" | 1 3/4" | 1 1/2" | 1/4" | 3/8" | 10" |
| 3/8" | 2 1/2" | 2"     | 3/8" | 1/2" | 10" |
| 1/2" | 2 5/8" | 2 1/8" | 1/2" | 1"   | 10" |
| 3/4" | 2 7/8" | 2 1/4" | 3/4" | 1"   | 10" |

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TECH-PS-20 | ISSUED 6/2020

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