

# MECHANICAL STEAM TRAPS

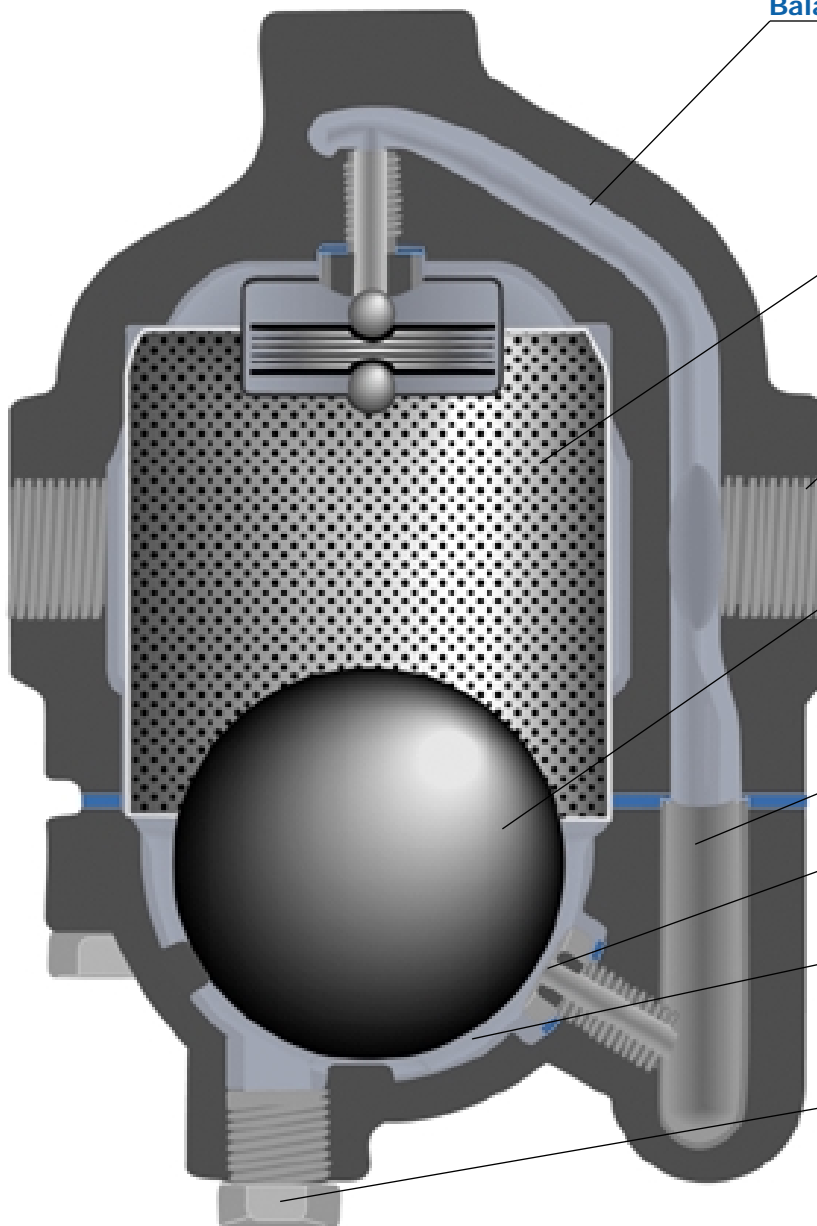
**NICHOLSON**'s Mechanical Trap line continues their tradition of offering high value with traditional designs while simultaneously pushing the performance envelope with leading edge technology. As America's only domestic manufacturer of free float technology, **NICHOLSON** continues to provide performance and value.

# NOVA NFT250 Series Variable Orifice Steam Traps

**Pressures To 250 PSIG  
Temperatures to 450°F**

## Applications

- Steam Lines
- Process Equipment
- Steam Cookers
- Steam Heated Vats
- Pressing Machinery
- Unit Heaters
- Oil Preheaters
- Converters
- Coils
- Rotating Drum



### **Proven Caged Stainless Steel Balanced Pressure Thermostatic Air Vent**

automatically discharges air and non-condensables

### **Stainless Steel Strainer**

with large screen area prevents dirt problems

### **Connections**

Sizes 1/2" - 2" screwed  
NPT (BSPT optional)  
Sizes 1 1/2" & 2" flanged  
ANSI 250

### **Weighted Stainless Steel Free Float Ball**

multi-contact surface area modulates orifice discharge to provide smooth, continuous discharge and immediate response to load variations

### **Stainless Steel Sleeve**

eliminates body erosion

### **Stainless Steel Seat**

full bore prevents choking and permits ample capacities

### **Liquid Level**

maintains seal over orifice to prevent live steam loss

### **Bottom & Side Blowdown Connections**

for preventative maintenance

### **Guarantee**

Traps are guaranteed against defects in materials or workmanship for 3 years.