

**WATSON  
McDANIEL** STEAM TRAPS, DRAINERS AND REGULATORS

**Inverted Bucket Steam Traps**  
Series 1031, 1041, 1032, 1042

- Only 2 moving parts
- Heat-treated stainless steel valves & seats
- No fixed pivots & frictionless valve lever assembly
- All working parts attached to cover for in-line service
- Water hammer-resistant
- Good trap for medium & high pressures
- Available in 1/2" through 1-1/2" Sizes



**Thermostatic Steam Traps**  
Series WT1000

- Fast start-up—Full orifice open on start-up
- Simple design—low maintenance
- Temperature sensitive trap
- Freeze-proof—self-draining
- Water hammer-resistant
- Thermal element is only moving part
- All stainless steel construction
- Discharges condensate close to steam temperature
- Hardened stainless steel valve plug and seat



**Steam Trap Test Valve**  
Series WTV

**Inlet block valve offers four possible system functions:**

- Start-up valve—Permits free flowing of the line to speed up heat-up of the system
- Bypass valve—Can be used to block the steam trap for service while draining condensate and keeping the system operational
- Drain valve—Can be used to drain the line at the end of the season
- Isolation valve—Isolates the trap for in-line repair



Provides safe effective method for product sampling

**Thermodynamic Steam Traps**  
Series WD600

- Stainless steel construction provided with NPT threaded connections and hardened seating surfaces for long wear and corrosion resistance
- WD-600 available in 3/8", 1/2", 3/4" & 1" NPT threaded ends
- WD-600L available in 1/2" & 3/4" NPT threaded ends (*recommended for low flow conditions*)
- Excellent capability for handling light to medium loads
- Works efficiently in any position
- Snap-opening provides purging action in unit being drained
- Optional insul-cover insulates against heat loss from adverse atmospheric conditions (*rain, wind or snow*), which could cause overcycling.



**Float Type Drainer**  
Series WLD600

- All stainless steel internals—for long life service
- Adjusts to pressure and load variations instantaneously
- Carbon steel body & cover
- Rugged construction designed for heavy industrial applications
- In-line repairable—Studded cover for one man in-line field repair.
- Available in all stainless steel as Series WLD601



**Float & Thermostatic Steam Traps**  
Series FT

- Capacities to 18,100 lbs/hr
- In-Line servicing
- Two side inlets & outlets—easy installation
- Compact & rugged
- In-line maintenance, all parts attached to cover
- Trapped ball for self-seating & self-cleaning
- Valve, seat, float & air vent—stainless steel
- Balanced thermostatic air vent with all welded stainless bellows
- Available in sizes 3/4" through 2"



**Pilot-Operated Regulators—Series D**

**Pilots**

DP  
DT  
DS  
DA  
DBP  
PTR/PTL  
ETC

- Pressure
- Temperature
- Solenoid
- Air
- Back Pressure
- Pneumatic Temperature Controller
- Electronic Timing
- Any 3 combinations above per Main Valve

**Main Valves**

- 1/2"-2" Screwed
- 2"-6" 125-lb Flanged
- 2"-6" 250-lb Flanged

