

The Ogontz CTV Steam Trap



DESIGN FEATURES

- INTEGRAL STRAINER - REDUCES INSTALLED COST AND MAINTENANCE
- CONSERVES ENERGY
- SUPERIOR DIRT HANDLING CAPABILITIES
- FAIL SAFE - TRAP OPENS
- FREEZE PROTECTED - SELF DRAINING
- ELIMINATES FLASH AND LIVE STEAM LOSSES
- PRESSURE INSENSITIVE - MAINTAINS TEMPERATURE SET POINT AT ANY PRESSURE
- BACK PRESSURE INSENSITIVE
- NO SIZING, 1/2 NPT WITH 1/2-300 LBS. PER HOUR CAPACITY
- THROTTLES DOWN TO 1/2 LB. PER HOUR FOR EXTREMELY LIGHT LOADS
- 100% FACTORY TESTED ON STEAM



2835 TERWOOD ROAD WILLOW GROVE, PA 19090
TEL: 215-657-4770 1-800-523-2478 FAX: 215-657-0460
E-MAIL: INFO@OGONTZ.COM WEBSITE: WWW.OGONTZ.COM

Unique Anti-Dirt Plug and Seat

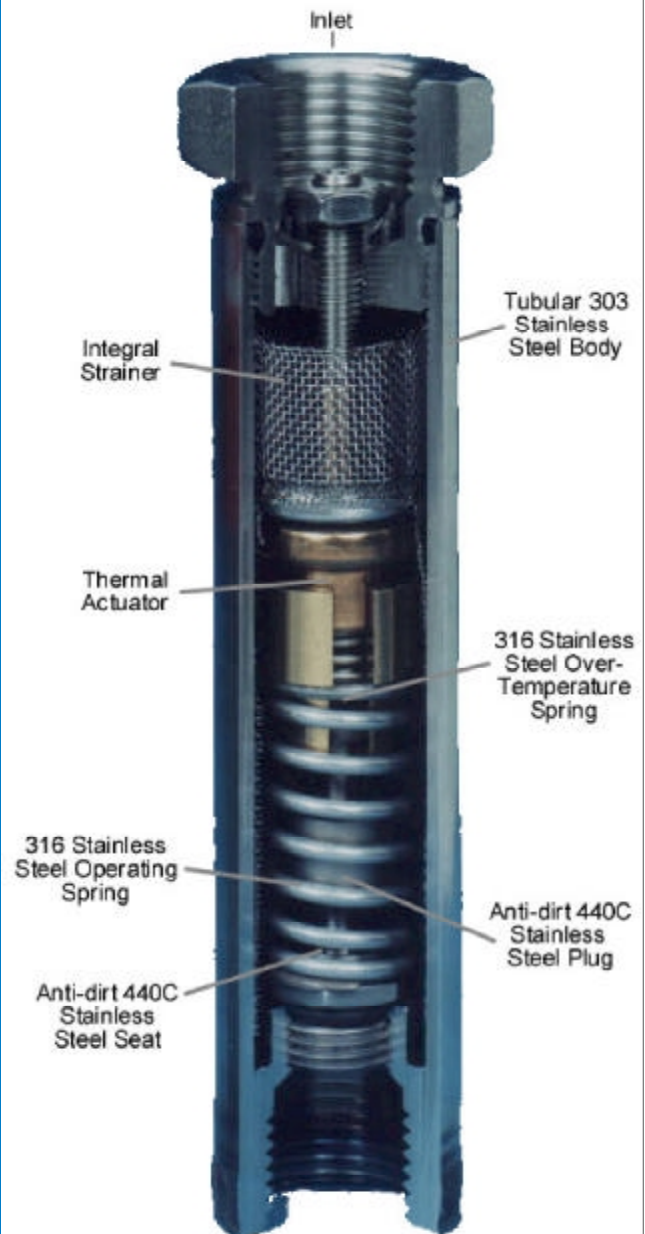
Dirt, rust and scale are the major cause of steam trap failure. Inside ordinary steam traps, these contaminants accumulate and eventually cause the trap to fail and blow live steam continuously. But the Ogontz CTV is not an ordinary steam trap. The CTV alone features a unique anti-dirt plug and seat assembly that effectively prevents any accumulation of dirt on the seat. So live and flash steam losses are eliminated.

The CTV breaks up dirt with a highly effective shearing action that occurs automatically as the circular plug moves up and down with the modulating action of the thermal actuator in response to changes in condensate temperature.

Most dirt particles are carried thru the seat and automatically discharged with the sub-cooled condensate on the subsequent cycle.

The dirt cutting action of this unique plug and seat assembly makes the CTV unmatched for more reliable, maintenance-free operation. In fact, comparative tests have proven that CTV steam traps can accommodate at least 10 times more dirt than all other steam traps tested. (Details of test available upon request.)

With the steam supply shut off, the CTV steam trap opens fully when the condensate falls below the preset temperature - providing positive freeze protection. The CTV remains open until steam or hot condensate reaches the thermal actuator, restarting the modulating action of the CTV steam trap to discharge subcooled condensate.



Major Steam Trap Users

Consult Ogontz or your local Representative about our special majors programs.

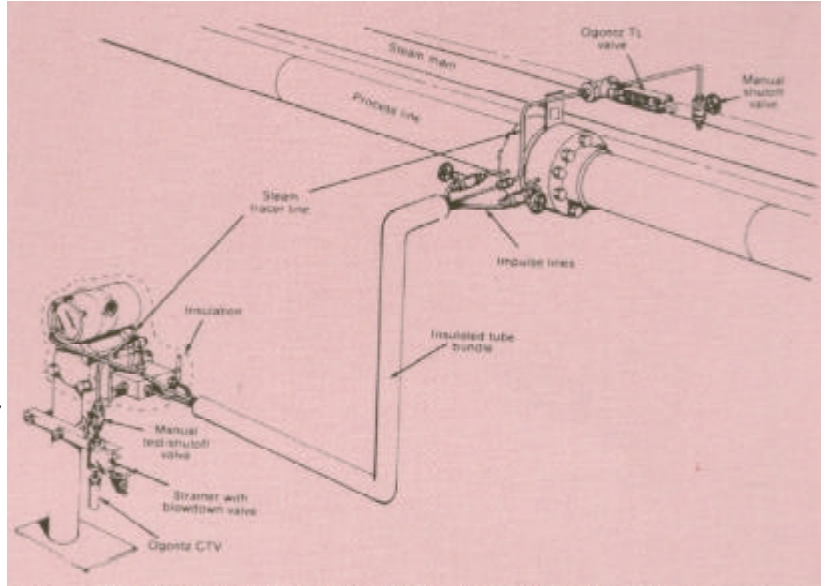
1. No cost survey and computerized report of potential energy savings on tracing systems.
2. Extended warranty, from date of installation.
3. Factory C.T.V. Overhaul service



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Design Features

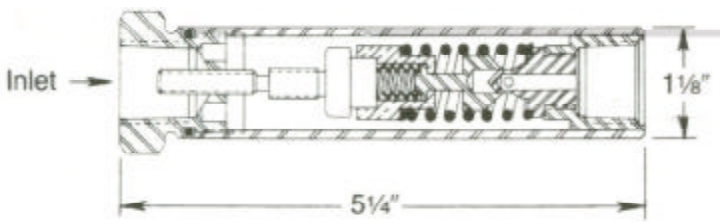
- Integra Strainer - Reduces installed cost and maintenance
- Conserves energy
- Superior dirt handling capabilities
- Fail safe - trap opens
- Freeze protected - self draining
- Eliminates flash and live steam losses
- Pressure insensitive - maintains temperature set point at any pressure
- Back pressure insensitive
- No sizing, 1/2" NPT with 1/2-300lbs. per hour capacity
- Throttles down to 1/2 lb. per hour for extremely light loads
- 100% factory tested on steam



Specifications and Ordering Information

| Inlet Thread NPT | Outlet Thread NPT | Maximum Operating Pressure (psi) | Maximum C_v $\pm 10\%$ | Standard * Set Points $^{\circ}F$ | Weight lbs. | Body ** Material |
|------------------|-------------------|----------------------------------|--------------------------|-----------------------------------|-------------|------------------|
| 1/2 | 1/2 | 300 | .17 | 60 100 180 240 | 3/4 | T |

* Other temperature set points available
 ** T = Tubular Stainless Steel



To Order: Complete the model number by inserting the temperature at which you desire condensate to be discharged. For temperature settings other than standard set points, consult factory.

| | | | | | |
|-----|-----|--|---|---|---|
| 1/2 | CTV | | B | D | T |
|-----|-----|--|---|---|---|

Guarantee: We will repair or replace on a no-charge bases, F.O.B. Willow Grove, PA. steam traps returned to us within 18 months if found to be defective in material or workmanship. Ogontz reserves the right to make design changes without notice.



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