

REMAX ENERGY

Thermodynamic Steam Trap Model: RT20

Description

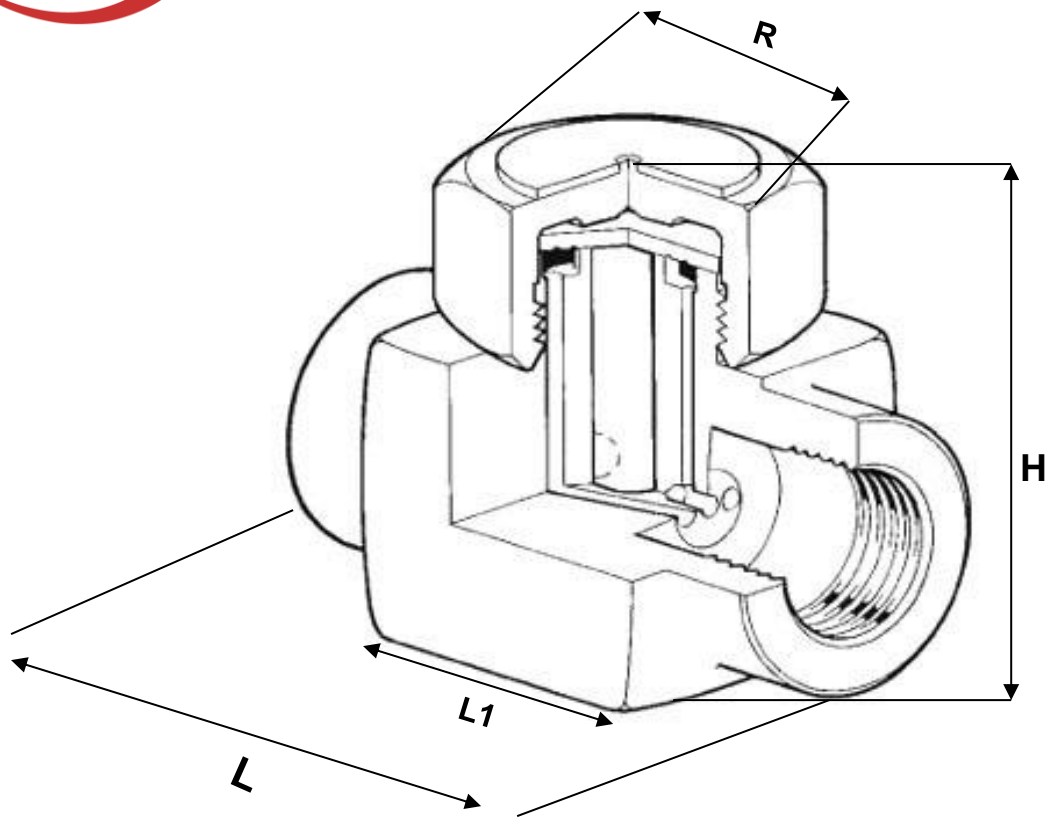
Thermodynamic RT20 disc steam trap is
Compact and light weight, the installation is
So easy and this trap is a good choice for
Low pressure and medium pressure systems
Including steam tracing, autoclaves and ...
These traps have only one moving part and
Offer a wide operation range without adjustment.

Features

- Air eliminating ability
- Connection: female Screwed BSP/NPT , SW
- Sizes: 1/4" , 1/2" , 3/4" , 1"
- Structure: needle type
- PMO= 20 barg , TMO=214 °c , PMA=32 bar , TMA=300 °c



Material Table		
Model	RT20	RT20 I
body	AISI 304	AISI 316
gasket	Stainless steel / graphite	Stainless steel / graphite
seat	Hardened stainless steel	Hardened stainless steel
Valve disc	Hardened stainless steel	Hardened stainless steel
Washer support	AISI 304 / 1.4301	AISI 316
Tube	AISI 304 / 1.4301	AISI 316
Plug	AISI 304 / 1.4301	AISI 316
Insulation cover	AISI 304 / 1.4301	AISI 316

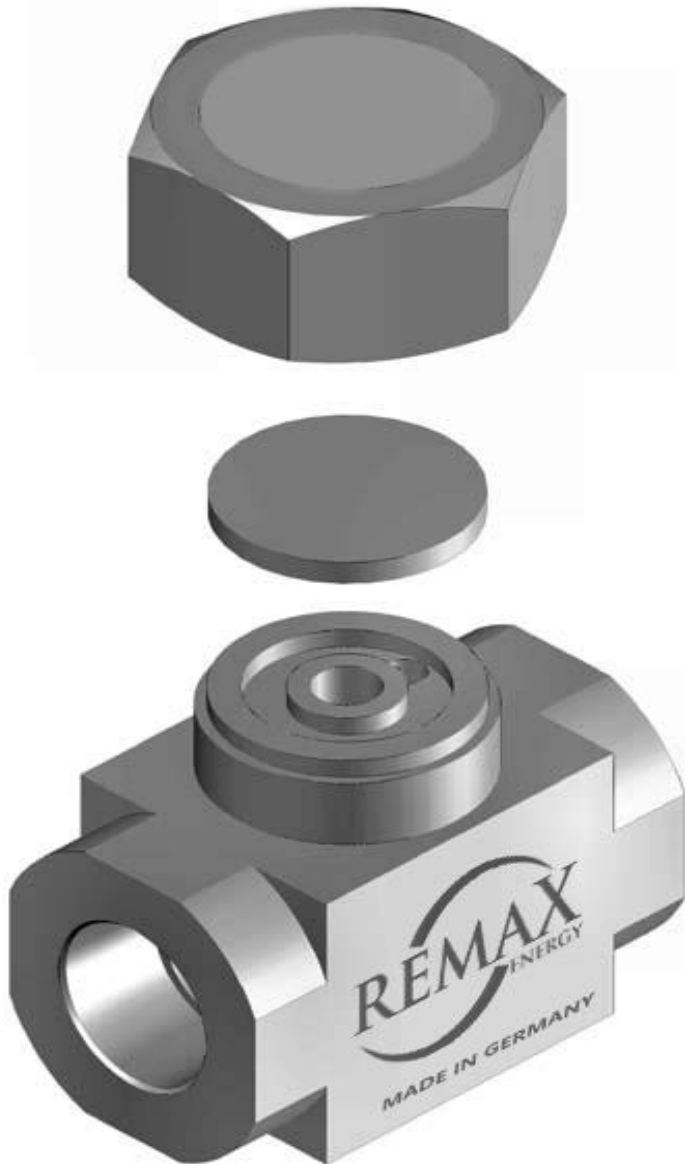


Dimension:

Size	L	L1	H	R
1/4"	40 mm	29 mm	35 mm	25 mm
1/2"	50 mm	38 mm	40 mm	32 mm
3/4"	50 mm	38 mm	40 mm	32 mm
1"	60 mm	45 mm	48 mm	40 mm

These dimensions are for screwed and socket weld connections. Butt weld connection is available on request.

For freeze protection trap should be installed vertically with discharge downward. Discharge as close to drain connection as practical and discharge to atmosphere directly through a short pipe. A vacuum breaker upstream may be required to provide complete drainage.



Installation and Maintenance

The REMAX ENERGY RT series will provide you with long, trouble-free service if it is correctly installed and maintained. A few minutes of your time spent reading these instructions may save hours of trouble and downtime later.

1. To protect the trap from grit, scale, thread chips and other foreign matter, all pipe lines and piping components should be blown out and thoroughly cleaned before the trap is installed.

2. In preparing threaded connections, care should be exercised to prevent pipe sealing compound from getting into pipe lines. Pipe sealing compound should be used sparingly, leaving the two end threads clean. REMAX ENERGY uses, and recommends, thread sealer Teflon ribbon.

3. The trap may be installed horizontally or vertically with discharge downward. The preferred installation is in the horizontal position as close as possible to the equipment being drained. Whenever possible, position trap below unit being drained.

4. Piping should be the same size as the trap connection. To avoid excessive back pressure, discharge piping should be the same size on short runs, for longer lines, use one size larger

5. The piping should be sloped to and from the trap. Use eccentric reducers in horizontal lines to avoid water build-up at the bottom of the pipe.

6. A full-ported shutoff valve upstream is recommended to allow isolation for servicing. A shutoff valve downstream will protect against back flow from the return line during servicing