

SMART STEAM TRAP

MODEL SVT-F™ DN 25

Description

The SMART SVT-F DN25 Flanged venturi steam trap is designed for multipurpose applications from mainline drainage and trace heating, through small to medium size heat-exchanger process applications. The trap has integrated strainer and a removable Venturi insert. The body of the steam trap does not have to be removed from the line for maintenance purposes. Access to the Venturi insert and strainer is via the top and bottom caps. SVT-F model Steam traps come with an integrated blowdown valve for periodic cleaning of the filter.

Sizes and Connections

DN25(1")

Flanged

BS 4504, PN40 - PN100 and ASME B16.5, 300 - 1500

Additional flanges available upon request

Pressure / Temperature Limits

PMA (Maximum Allowable Pressure) 100 bar g (1450psi g)

TMA (Maximum Allowable Temperature) 400°C (750°F)

PMO (Maximum Operating Pressure) 62 bar g (899 psi g)

Optional Extras

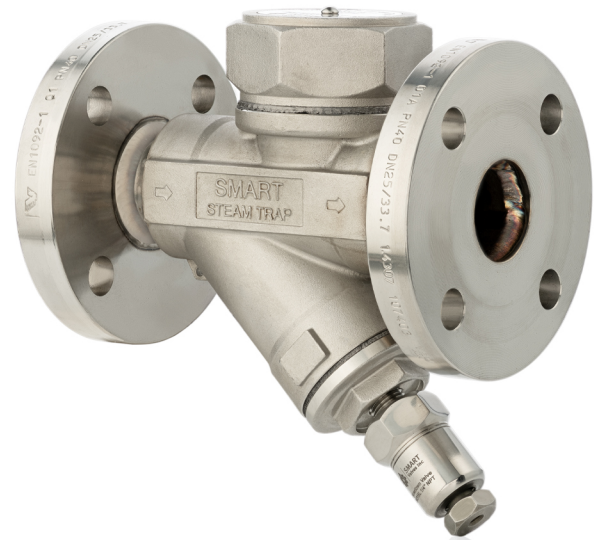
Flanges to your F/F specifications can be added to socket weld connection.

Guarantee

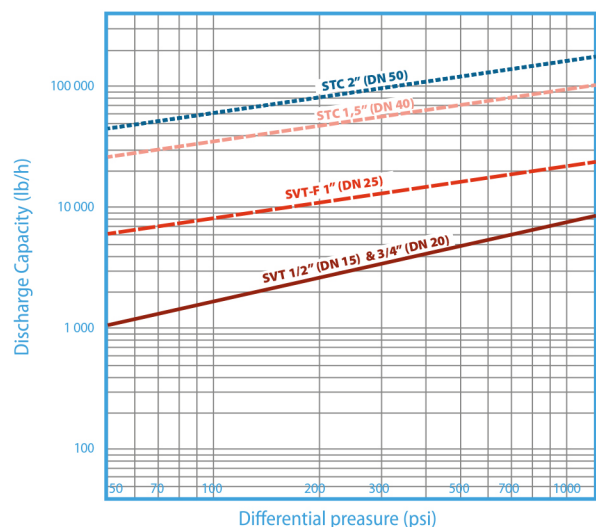
20 year product guarantee as per standard terms and conditions.

Benefits

1. No moving parts to fail
2. Stainless steel construction; 20 to 30 year lifetime
3. Wide range of capacities
4. 20 year performance and materials warranty
5. Permanent 20-30% energy reduction; 1-2 year ROI typical
6. Significant lifetime labor and material savings
7. High capacity Y stainer
8. Bottom cap for easy access to strainers
9. Inverted cone to deflect blockages
10. Can be installed in any orientation
11. Replaceable Venturi inserts for precise sizing
12. Supplied with sizing and engineering services
13. Steam Trap Tag loop



CAPACITY CHART



SMART Valves Inc.

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SMART™
VALVES

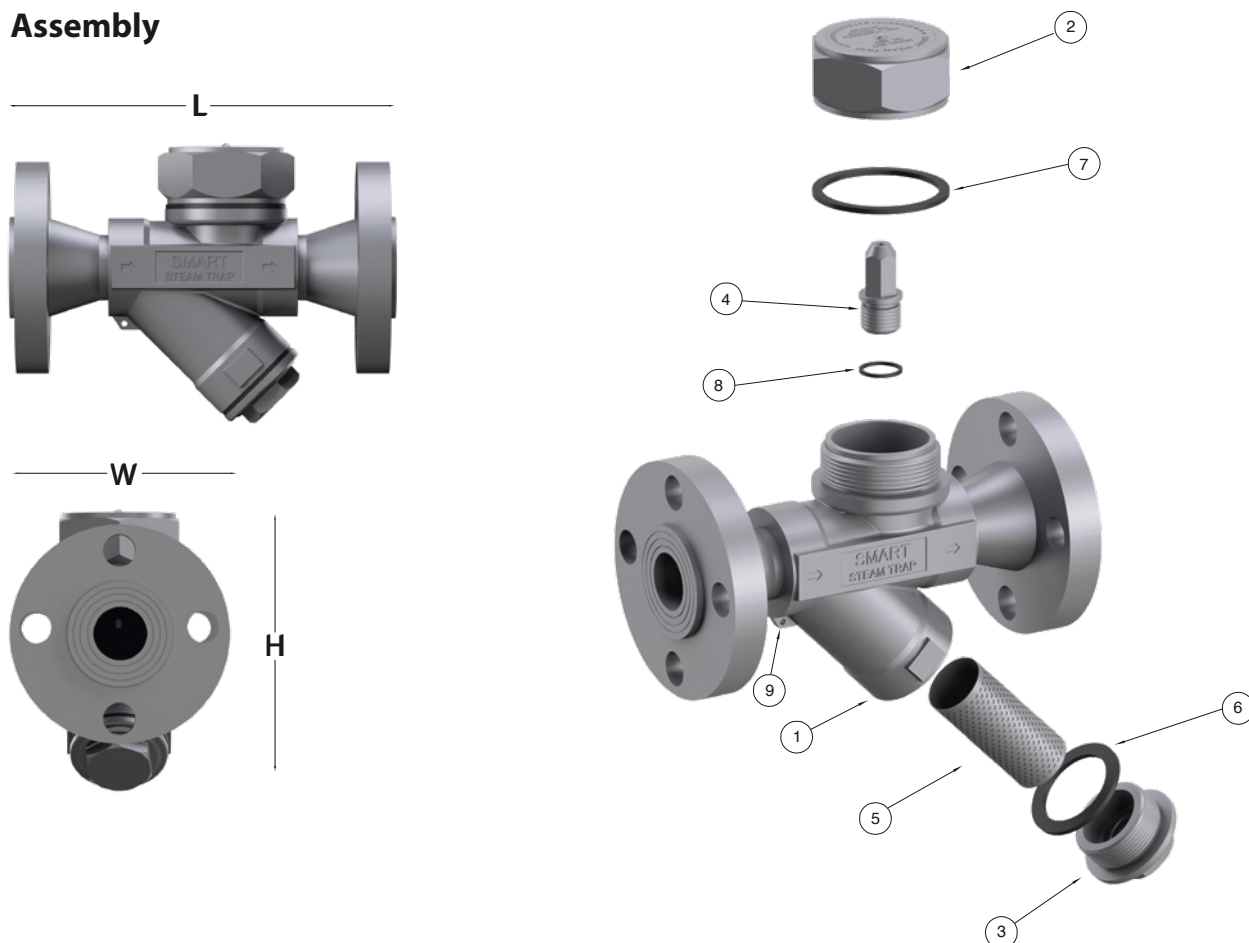
SMART STEAM TRAP™

RELIABILITY SIMPLICITY SUSTAINABILITY

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Assembly



Dimensions and Weights

Size	Connection	L	H	W	Weight
DN25 (1")	Flanged	9.05 in/230 mm	5.63 in/143 mm	4.52 in/115 mm	7.71 lbs/3.5 kg

Flanged Body

1. Body	ASTM A351 – CF3M
2. Top Cap	ASTM A351 – CF3M
3. Strainer Cap	ASTM A351 – CF3M
4. Removable Venturi Insert	304 Stainless Steel
5. Strainer	316 Stainless Steel
6. Gasket	Graphite
7. Gasket	Graphite
8. Gasket	Paranite
9. Steam Trap Tag loop	

Torque Settings

2. Top Cap	80 Nm
3. Bottom Cap	80 Nm
4. Removable Venturi Insert	10 Nm

*In the interests of development and improvement of the product, we reserve the right to change the specification without notice.

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