

# New Spira-trol™ Steam-Tight

## For Improved Efficiency and Productivity in your process

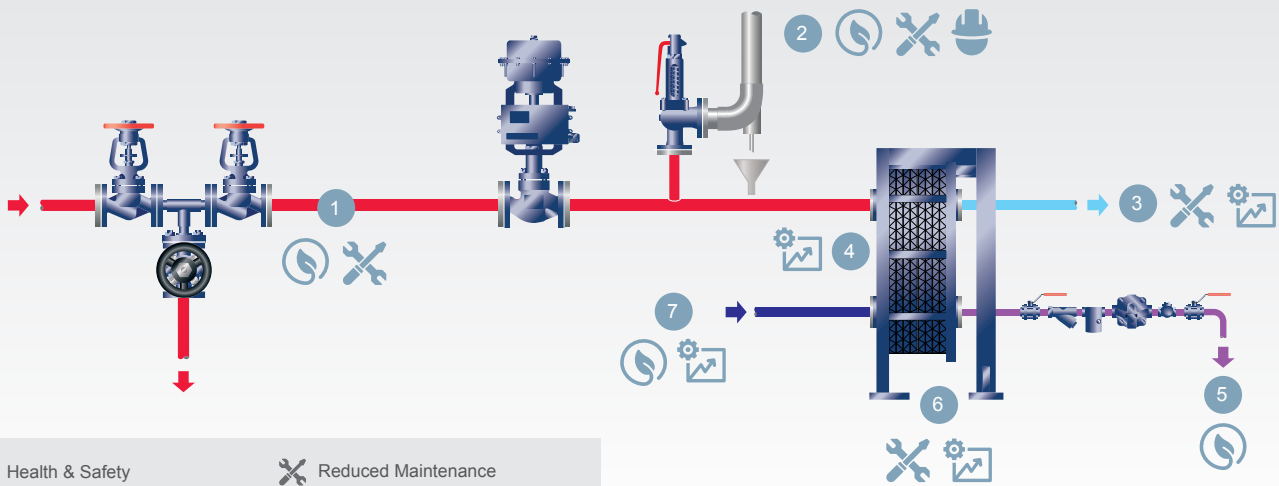
Our new Spira-trol™ Steam-Tight control valve solution combines secure process steam control and isolation\* in one double life valve, helping you maximise output, minimise downtime and improve product quality.

Leaking steam has a huge impact on your process and profits. Spira-trol™ Steam-Tight targets the source of problem, eliminating leaking steam control valves from your plant.

Retaining our low impact maintenance philosophy, the new Spira-trol™ Steam-Tight has a double life seat, increasing the life span of your steam plant, simplifying plant maintenance throughout the life cycle of your operation and driving down the Total Cost of Ownership.



### How will Spira-trol™ Steam-Tight help resolve your Efficiency and Quality Challenges?



Health & Safety	Reduced Maintenance
Sustainability Improvements	Increased Process Productivity

1. Eliminate Automatic Isolation Valves (AIV's): Spira-trol™ Steam-Tight is secure and reliable.
2. Eliminate pressure equalisation: Spira-trol™ Steam-Tight won't pass steam, reducing frequency of safety valve lifts.
3. Protect your product quality: Spira-trol™ Steam-Tight will eliminate steam leaks that cause uncontrolled product spoil and burn on
4. Increased heat exchanger performance: Spira-trol™ Steam-Tight is flexible to your needs. Quick change internals mean that Spira-trol™ Steam-Tight can be tuned to your system without removing it from the line.
5. Improve sustainability and reduce energy consumption: Spira-trol™ Steam-Tight can reduce CIP frequency and "hidden" HEX loses.
6. Protect your heat transfer equipment: Spira-trol™ Steam-Tight can reduce surface fouling, ensuring that your process runs more efficiently, for longer.
7. Improve cooling efficiency: Spira-trol™ Steam-Tight stops leaking steam from spoiling your cooling cycle, helping to reduce cycle times and utility demand

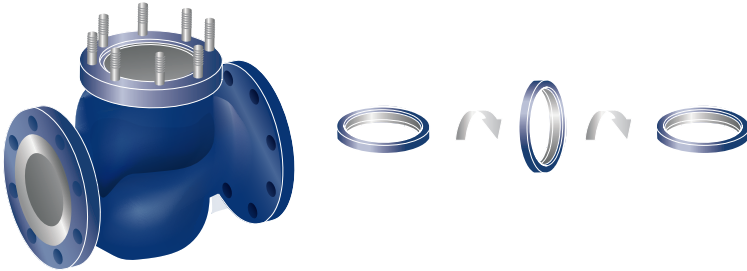
**First for Steam Solutions**

EXPERTISE | SOLUTIONS | SUSTAINABILITY



# New Spira-trol™ Steam-Tight

Secure steam control and isolation  
in one double life valve



Spira-trol™ Steam-Tight features a 'double-life' flip over seat, delivering:

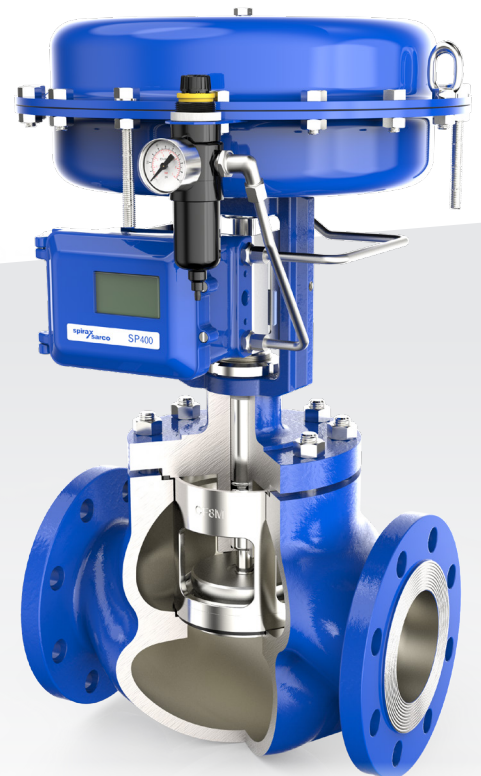
- Double the life span of a conventional valve\*\*
- Low impact maintenance
- No requirement for special tools
- No requirement to remove the valve from line

Spira-trol™ Steam-Tight is suitable for use across a wide range of steam temperature control applications, including:

- Pasteurisers
- Retorts
- Sterilisers
- Jacketed Vessels
- Evaporators
- Cookers
- HVAC

Spira-trol™ Steam-Tight is available with the following features as standard:

- Sizes : DN15-100
- Materials : SG Iron, Carbon Steel Stainless Steel (special materials on request)
- Connections : PN16-40, ASME150-300, BSP, NPT
- Wide KV and cv range
- Clamp in place seat:
  - Low impact maintenance
  - Simple system performance optimisation
- Suitable for steam pressures to 19 bar g / 275 psi g
- Suitable for steam temperatures to 220°C / 428°F



**For further information about Spira-trol™ Steam-Tight and to find out how it could benefit your process, contact Spirax Sarco**

\* Double block and bleed steam isolation is recommended best practice for all maintenance activities and should be installed on the inlet to all process areas. Automatic valves used in the process must not be used for the protection of personnel during maintenance operations. This includes all linear and quarter turn variants.

\*\*assumes proper steam conditioning