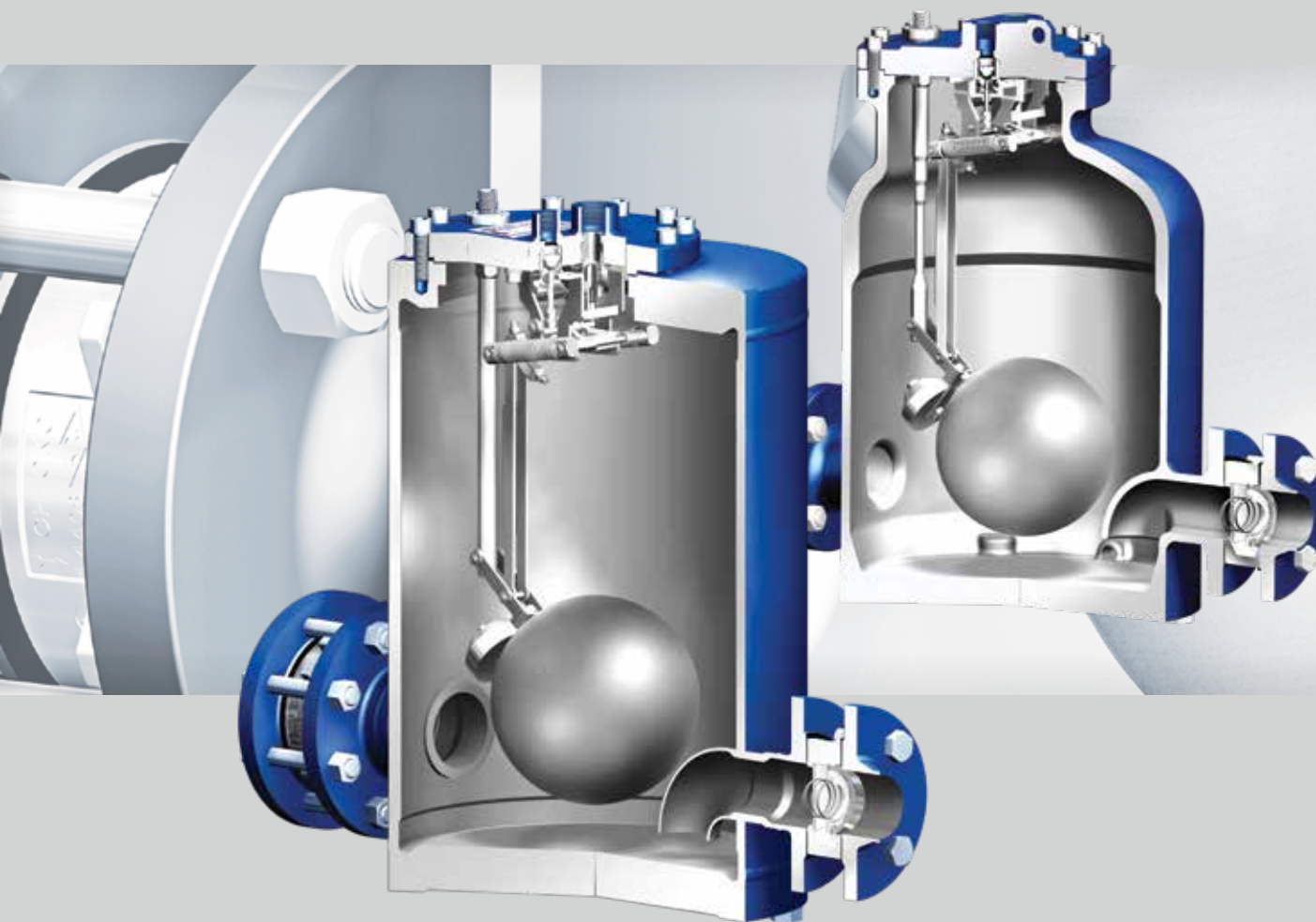


CONLIFT®

Mechanical Condensate Pumps

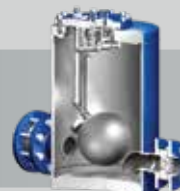
ECONOMICAL. EFFICIENT. DURABLE.



CONA® Steam Traps



CONA® P Pump Traps



CONLIFT® Pumps



CODI® Manifolds

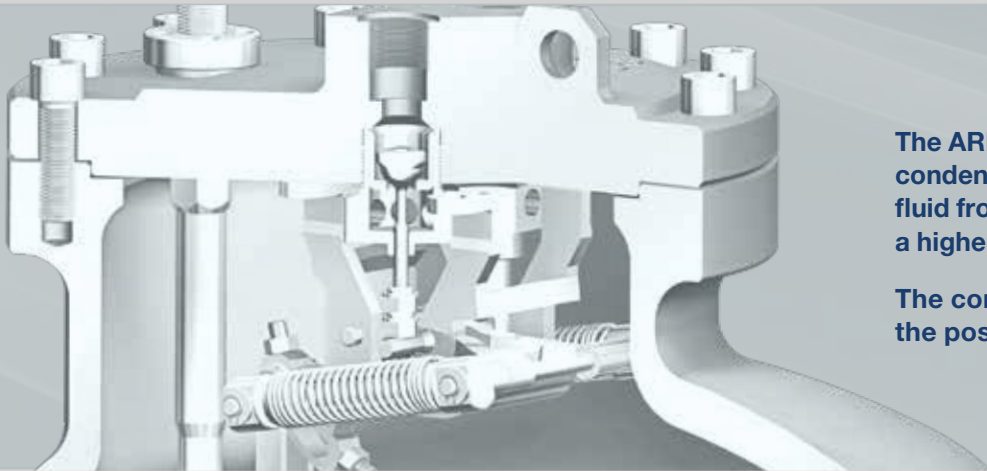
ARI Product Diversity
Steam & Condensate Solutions



Your valve made by ARI®
ari-armaturen.com

CONLIFT®

Mechanical Condensate Pumps



The ARI-CONLIFT® is a float-operated condensate pump. Without electricity, it pumps fluid from a low level or low pressure system to a higher level or higher pressure system.

The condensate pump works according to the positive displacement principle.

Edition 03/24 Data subject to alteration

- Economical and energy efficient because the pump is operated purely mechanically under steam or gas pressure (ideal for use in potentially explosive atmosphere).
- Condensate can be removed under any conditions (from vacuum to high temperatures), ensuring safety and flexibility.
- Economical through maximum energy recovery (condensates can be pumped up to boiling temperature).
- Powerful pump with a high delivery rate.
- Low inlet height means greater planning flexibility.
- Cost-effective because minimal maintenance is required.
- Only one control unit is used for all nominal diameters resulting in easy handling.
- Reliable and durable because all internals are made of corrosion-resistant stainless steel.
- More dependable than electric pumps as the flow is free from cavitation even at temperatures exceeding 203°F (95°C).

Body/Cover Materials: Ductile Iron, Stainless Steel, High Temperature Stainless Steel

Rating: Class 150 // PN 16

Sizes:

Condensate: NPS 1"×1" to 3"×2" // DN 25 × 25 to 80 × 50
 Motive Media: NPS 1/2" // DN 15
 Air Vent: NPS 1" // DN 25

Connections*: Flanged drilled acc. to ASME B16.5, Class 150

* Motive Media and Air Vent connections are threaded (acc. to ASME B1.20.1).

Volume Displacement: 4.36 to 5.30 gallons (16.5 to 20 liters) per cycle

Fluids: Group 2 non-hazardous fluids with a density of 7.1 to 9.6 lbs/gal (0.85 to 1.15 kg/dm³)

Temperature: 14°F to 392°F // -10°C to 200°C

Cost Effective!



Extended life by double guided motive steam valve with marginal seat for reliable closure of the motive steam pipe.

Long Life!



Extended life by spring-operated air vent valve with marginal seat for reliable closure of the vented pipe.

Optimized Design!



Low inlet into feed pipe to prevent steam from entering.