



**HAARSLEV™**

Processing Technology

# **SYSTEM FOR AUTOMATIC RETURN OF STEAM CONDENSATE (SARC)**

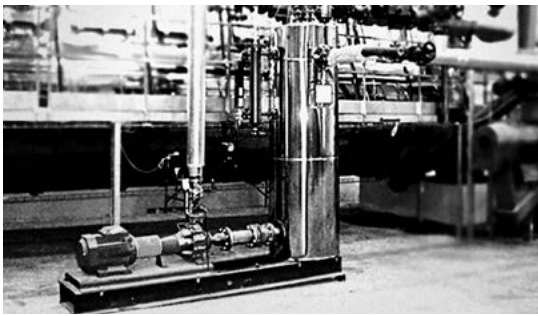
Product brochure



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# SYSTEM FOR AUTOMATIC RETURN OF STEAM CONDENSATE



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SAVE ENERGY AND WATER BY KEEPING STEAM CONDENSATE FROM COOKERS AND DISC DRYERS UNDER PRESSURE.

In many processing setups, it's quite normal to send the pressurized condensate from disc dryers and continuous and/or batch cookers back to the feed-water tank of a boiler system.

## APPLICABLE FOR:



- Fish and meat rendering plants
- Any steam using equipment

If nothing is done, the condensate simply depressurizes (flashing), resulting in a significant loss of temperature and pressure, as well as venting water to the atmosphere.

Instead, the Haarslev System for Automatic Return of Steam Condensate (SARC) sends such steam condensate directly to the boiler – still under pressure – by a pressurized tank with a wide range high pressure pump unit.

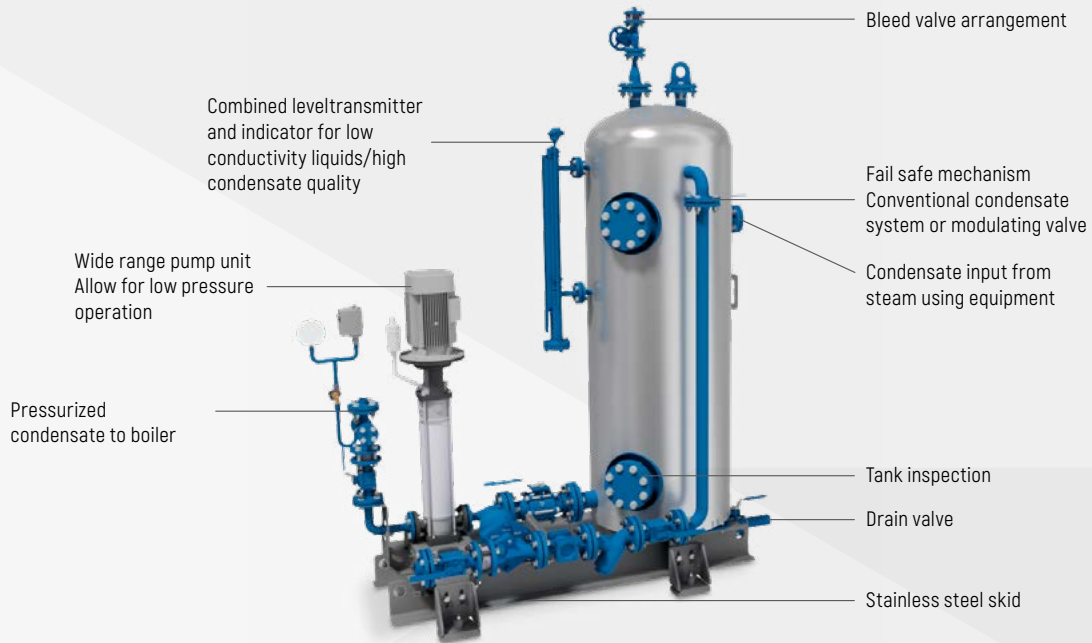
This nearly eliminates the energy losses, and means your boiler setup doesn't use as much fuel and water. You also get better boiler performance, because the water temperature inside the boiler no longer fluctuates as much. Maintaining pressure means you can save as much as 15% on your steam production costs.

The system is easy to install in any existing steam/condensate/steam boiler setup, and provides significant reductions in your operating costs by eliminating steam pressure and water losses between the connected cooking or drying equipment and the boiler.

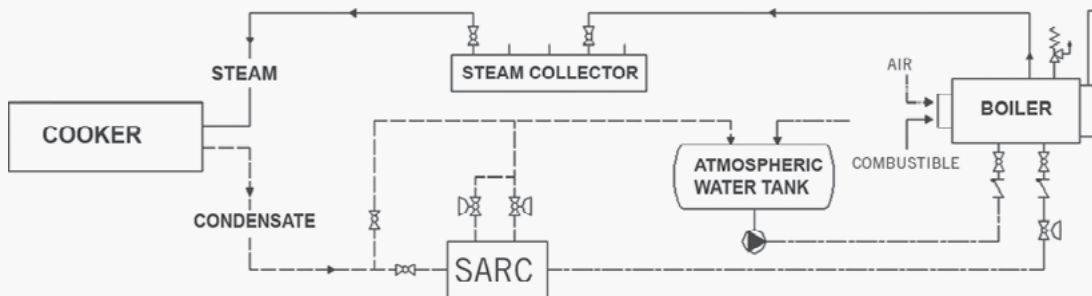
## BENEFITS

- Save approx. 15% on steam production costs
- No water losses between cookers/dryers and boiler
- No blow-offs from the feed water tank
- Major savings on water, and on chemicals used for water softening
- Better boiler performance, and greater overall energy efficiency

**CONDENSATE FROM ANY STEAM USING EQUIPMENT, E.G. DISK DRYERS AND CONTINUOUS OR BATCH PROCESS**



**BOILERS FOR PRODUCING STEAM FOR COOKING/DRYING AND OTHER PURPOSES**



TYPE	DIMENSIONS (mm) approx.*			POWER CONSUMPTION (kW)/(hp)	CONDENSING CAPACITY (kg/h)/(lb/h)	WEIGHT (kg)/(lb)
	Length (L) (mm)/(ft-inch)	Width (W) (mm)/(ft-inch)	Height (H) (mm)/(ft-inch)			
SARC 8000	1,835 6' 1"	830 2' 9"	2,450 8' 1"	5.5 7.5	800-8,000 1,763-17,363	995 2,193
SARC 18000	1,835 6' 1"	830 2' 9"	2,450 8' 1"	11.0 15.0	2,000-18,000 4,409-39,683	1,015 2,237
SARC 36000	1,835 6' 1"	1,400 4' 8"	2,450 8' 1"	22.0 30.0	2,000-36,000 4,409-79,366	1,315 2,899

\* All statements of dimensions are approximate.

We reserve the right to alter the specifications at any time without prior notice.



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## PROCESS IS POTENTIAL

### HEAD OFFICE

Haarslev Industries A/S · Bogensevej 85  
DK-5471 Søndersø · Denmark  
Telephone: +45 63 83 11 00  
Email: [info@haarslev.com](mailto:info@haarslev.com)  
[www.haarslev.com](http://www.haarslev.com)

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