

VHT vent heads

for safety and environmental protection



Simple, effective vent heads for increased safety and environmental protection

Spirax Sarco VHT vent heads are suitable for vertical open-ended steam vent pipes. The vent head is designed to safely discharge dry steam to atmosphere at low velocity, protecting personnel from injury, buildings from damage and minimizing the nuisance of water spray on the surroundings.



How the VHT vent head works

Steam flow entering the vent head is directed over an internal disc and forced into a toroidal vortex, causing entrained water droplets to be flung outwards and 'wetting out' onto the internal surface of the vent head. As these droplets coalesce they are driven towards the internal drain by the 'downward' rotation of the toroidal vortex, recovering separated condensate.

Screwed version
VHT2S shown

spirax
/sarco

Environmental protection

Environmental concerns drive the need for innovative products that save valuable resources whilst achieving reductions in carbon and CO₂ emission.

The new VHT has been designed with an internal drain feature to recover valuable condensate that would have otherwise been discharged to an external drain, with the possibility of hot condensate exceeding temperature limits for ground drainage pipework.

Installation

For sizing and selection and range available see the Technical Information sheet for VHT vent heads. All products ordered will be supplied with a copy of our Installation and Maintenance Instructions to ensure the safe installation and operation of this equipment.

Applications

The new VHT vent heads are ideal for:

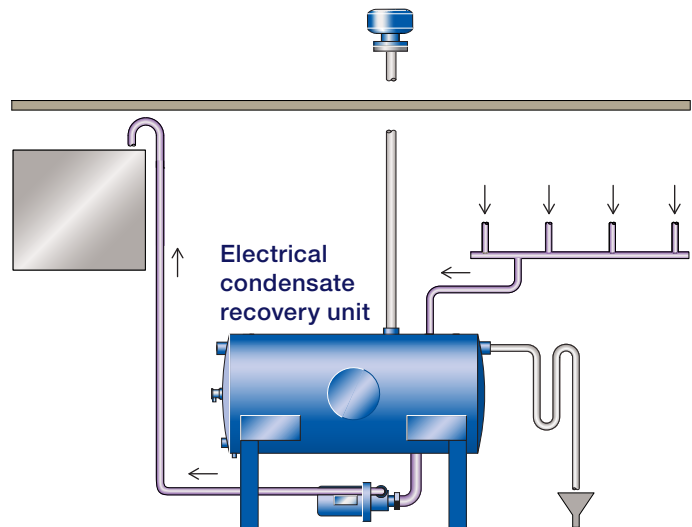
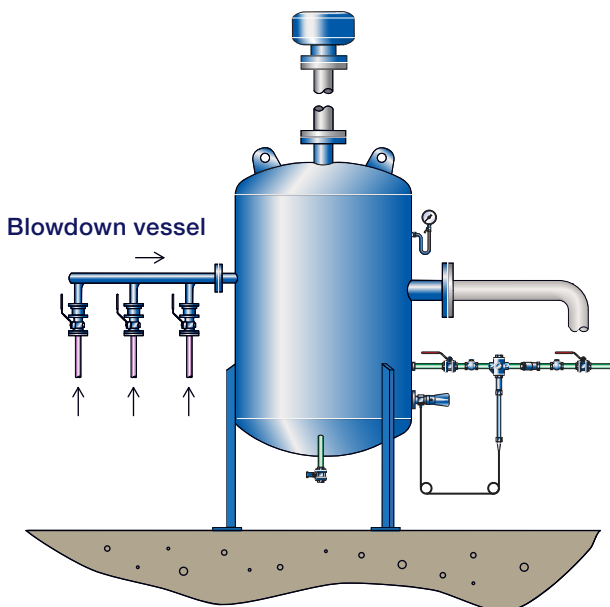
- Blowdown vessels
- Condensate pump receivers
- Boiler feedtanks
- Hot water storage tanks
- Exhaust vent condensers

Also suitable for all other similar venting applications where there is a need to separate water from exhaust steam flow.

User benefits

- Efficient separation minimizes moisture carryover.
- Recovery of condensate separated from steam provides energy savings.
- Stainless steel body for long life.
- Internal drain, no external pipework required.
- No moving parts, minimal maintenance.
- Lightweight for easy installation.

Typical applications



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