

UniKlinger Solutions for Hotel Industry

UKL Ball Float Trap & Moisture Separator



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Observation

- In Hotel industry after generating steam in boiler it is distributed in major steam consuming equipment like Calander, Dryer, Washing machine, Body & Bosom press machine, Foam machine, Cuff & Collar, Cotton legger machine.
- Such large quantity of condensate needs to handle by Float Trap.
- Incorrect selection of trap leads to flooding or plugged condition of trap.
- Failure traps lowers heat transfer capacity and increases steam consumption.
- Always recommended to install moisture separator in main steam line to avoid water hammer, damage to equipment, affect heat transfer.

Objective

To provide factory tested prompt solution to remove condensate & moisture at higher load and avoid steam flooding and to improve energy saving.

Solution

Float Trap

UKL recommend using Float Traps to handle large quantity of condensate.

Available in Sizes: 15 mm – 50 mm

Single & Twin Float Trap depends on condensate load

End connections: Screwed/SW, FE to #150 / 300 /600,

Working pressure up to 40 bar and DP 32bar

Moisture Separator

UKL Moisture separator is well proven multi baffle design to remove condensate with high level of efficiency and reliability. Multi baffle design will cause total removal of condensate from steam line that that is fed by boiler generating wetness as high as 20%

Sizes: 40mm to 250mm

Pressure Range: 5.5 bar to 51.1bar

End Connection: - Flange End ANSI class 150/300

Material of Construction: Cast Carbon Steel



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