



THERMAL DE-AERATOR HEAD

An ISO 9001:2008 Certified Company



Steam Distribution | Steam Generation | Customized Package Solution | Steam Accessories | Steam Services



Volfram Thermal De-aerator head is designed to mix cold make-up water, condensate return and flash steam. The turbulent mixing creates thermal shock liberating the dissolved gases from the cold make -up water, which are vented to atmosphere.

De-aerator head comprises of mixing unit & immersion tube. A mixing unit, which is bolted to the top of the tank and is supplied with connections to customer specifications for cold make-up, condensate , flash steam, An immersion tube, which distributes the mixed fluids into the tank creates a thermal shock in the tube and liberates the gases (specifically oxygen).

Immersion tubes offer a much convenient solution to distributing condensate return than traditional spurge pipes.

The air vent / vacuum breaker are both be fitted to one connection by using a tee piece. The air vent should be installed horizontally and the vacuum breaker vertically.

Features:

- Volfram Thermal De-aerator Heads are easy to install
- The stainless steel construction guarantees a long and maintenance free life.
- Minimizes water hammer

Benefits:

- Substantial raise in the temperature of feed water in the feed tank, reducing the requirement of Fuel occurs due to recovering condensate and flash steam through a de-aerator head
- Helps reduce the water treatment costs by driving off the dissolved gases.
- Reduces the corrosion rate of tank, since oxygen removed.

Applications :

- Volfram Thermal De-aerator is suggest to install on Boiler FeedWater Tanks. (Suitable for both new and already installed Feed Tanks).

Ordering Information :

- Tank Capacity
- Tank Dimension (Height)
- Condensate Quantity
- Make-up quantity

Material of Construction:

Complete rigid construction is in SS 304 / CF8.

Sr. No.	Model
1	VDH 1500
2	VDH 2000
3	VDH 2500
4	VDH 3000

Volfram Boiler and Steam Accessories



Steam Boilers



Condensate Recovery System



Rotating Plug Float Trap



Flow Meter



Pressure Gauge



SS Safety Valve



Non Return Valve



Steam Injector



Control Valve