

# Industrial Equipment for Water Treatment - Thermal Deaerator



## Main features of Thermal Deaerator:

- > Reduces dissolved oxygen to less than 0.007 mg/litre. (condition apply)
- > Deaerated water at temperature of 105°C against 0.35 bar operating pressure.
- > Special design to suit high operating pressure, hence high operating temperature.
- > Vessel designed and fabricated to ASME code for unfired pressure vessel.
- > Material of construction can be of fully stainless steel for all parts in contact with steam and water.
- > Internal can be sand blasted to SA2 1/2 and painted with epoxy paint for corrosion protection.
- > High quality stainless steel spray valves to atomise feed water spray inside the scrubbing header.
- > Modulating level control with low noise and low vibration in operation.
- > Incorporates integral vent condenser to reduce quality steam loss through vent.
- > Special designed scrubbing chamber and multiple contact zones ensure throughout mixing of heating steam and feed water.
- > Short start-up time to reach the operating temperature.
- > Custom make to meet clients' application.

## Applications:

- Boiler feed
- Power generation
- Industrial process



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