

THERMAL DEAERATORS



- Remove corrosive gases like O₂ & CO₂ in feed water
- Improve steam output
- Reduce boiler chemical cost
- Reduce blow down rate – Fuel energy saving
- Extend boiler life span – Cut down maintenance rate
- Effective & proven design
- Equipped with complete steam and water control
- Package with state of art instrumentation and accessories with efficient design and durability

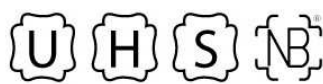
Kawan[®]

ISO 9001:2008

ASME 'U', 'H', 'S' & 'NB'

DOSH Licensed Pressure Vessel & Boiler Maker
PKK Class A Contractor

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ISO9001:2008



Beli Barangan Malaysia



'Buy Malaysia,
Smart Choice'

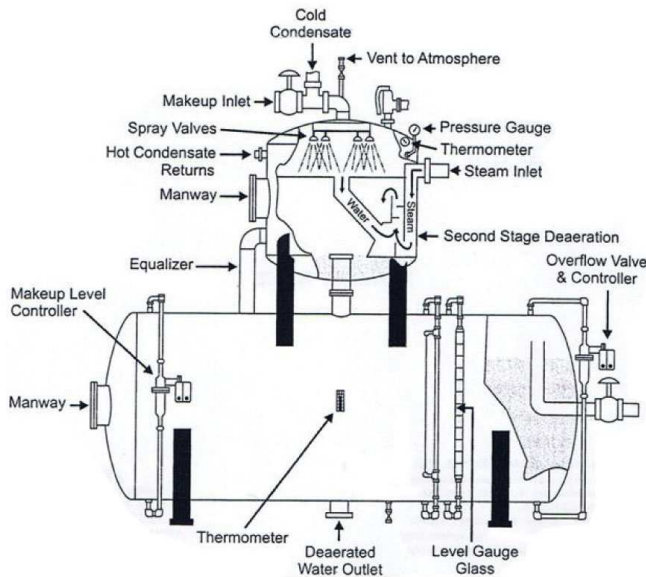
HIGH EFFICIENCY DEAERATORS FEATURES AND ADVANTAGES

KAWAN® Deaerators effectively remove dissolved & corrosive gases like O_2 & CO_2 in boiler feed water. These gases in feed water will cause rapid corrosion in boiler equipments.

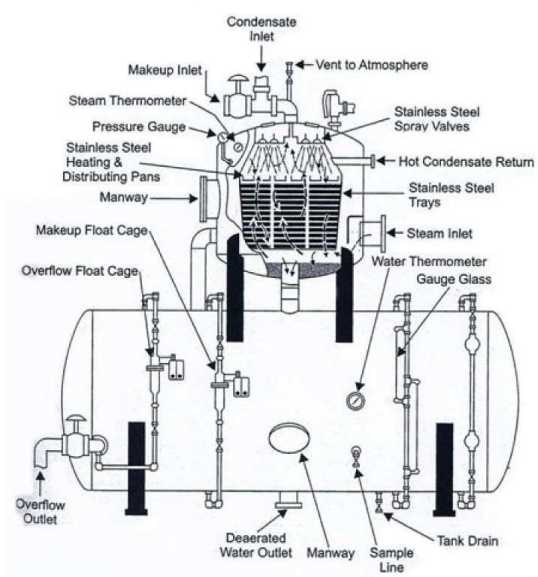
Our proven design is to heat up water to the saturation temperature corresponding to the steam pressure within the deaerator. Feed water is broken into small droplets or thin film into steam atmosphere to allow rapid diffusion of corrosive & non condensable gases and liberate them into vapour. State of instrument and control maintain the partial pressure of O_2 & CO_2 and non-condensable gases to the lowest level correctly sized. Venting allows these gases discharge continuously from the deaerators. This will bring tremendous advantages and savings to boiler operator.



Our deaerators come in spray type and tray type, carbon steel or stainless steel, depending on customer's selection and application. Vessels are made to Malaysia DOSH or ASME U Stamp certification. Our deaerators have been applied in Malaysia, Indonesia, Vietnam, Saudi Arabia etc. and collaborated with industry like hotel, palm oil, distillation, petrol chemical, oleochemical etc.



Deaerator Spray



Deaerator Tray

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- Heat Transfer Engineering & Equipment.
- Energy Generation, Utilization & Saving
- Water & Waste Treatment Equipment
- Plant Equipment & Process Automation