

E - 2 - VACUUM DEAERATOR



Taravosh Jam Co. is an Iranian EPC contractor for design and fabrication of the Vacuum Deaerator. Vacuum Deaerator is for cold water systems 10-40 °C. The make-up water, is fed to the upper section of the tower. Deaerator tower has 3 sections (best model). The vacuum pump creates the necessary vacuum so that the make-up water boils in lower temperature. In Vacuum condition, the oxygen is liberated and removed by means of the vacuum pump. At the deaerator tank oxygen scavenger is added to remove the residual dissolved gases.

Function:

- Water injection in oil and gas reservoirs
- Water providing for desalting crude oil
- Water providing for water sweetening plant
- Water providing for utility consumptions

