

## **SPECIFICATION**

### **Vacuum Degasser**

The Vacuum degasser shall work on the Principle of pressure differential deaeration. Vacuum degasser shall be installed in a by pass line to CHW header. It shall be able to degas a minimum of 1CMH of water at system working pressure.

It shall consist of

- Vacuum tube with high capacity automatic airvent with an ingress preventer.
- Multistage centrifugal pump.
- Make-up water and system inlet water connections with motorised valves.
- Water outlet connection with motorised valve to enable degasser operation even at low system pressure. Manual preset flow control valves at inlet and outlet are not acceptable.
- Pressure transmitter to regulate pressure / vacuum in the vacuum tube
- Built in flow meter to measure degassed and make-up water volumes.
- Microprocessor based, BMS compatible, control panel with IP54 protection.
- All Components, i.e. pump, vacuum tube, valves, interconnecting piping and control panel mounted on a compact steel frame.

The unit shall be selected as per system's highest working pressure.