

## VCR Based Milk Pasteurization System



- HMI-PLC based Fully automatic system
- Operated via Ethernet and Wi-fi
- Automatic Data logging in HMI collected in Pen drive via USB Port
- Digital Electromagnetic Flow meter for flow measurement
- PHE used for effective Heating
- Variable High torque motor with gear box for mixing
- 1 TR VCR system for rapid cooling
- Pressure and Temp. sensors
- Hot SS Tank with heater for heating
- Corrosion resistance SS pump
- Fully insulated SS tanks
- Safety measures : HP-LP switch, Pressure cutoff system, Emergency switch.

## Humidification-Dehumidification (HDH) Water Desalination Test Rig

- HDH based water desalination system
- 1 TR VCR system (Customizable as per need)
- Blower speed and Pump flow variable
- Manual Control panel
- Fully automatic control panel (Optional)
- Variable compressor (Optional)
- Corrosion free SS pumps
- Data logger for data collection with USB port
- Sensors : Water flow meter, Pressure , Temperature, TDS sensors etc. (Customizable)
- Energy meter for energy consumption measurement



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