

Geothermal Energy Lab



Geothermal Based Milk Pasteurization System

- HMI-PLC based Fully automatic control system with data logging
- Manual control system (optional)
- Operated via Ethernet and Wi-fi
- Digital Electromagnetic Flow meter for flow measurement
- Variable High torque motor with gear box
- 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.

Geothermal Energy Assisted Water Desalination System

- · Feed water: Geothermal water
- Storage Ware tank MOC: PVC / PP
- Storage tank capacity: 100 to 1000 Ltr
- Fresh water tank MOC: Food grade pure virgin plastic
- Filtration process includes: Bag filters,
 Sand filter, Carbon filter, water softener,
 Commercial RO
- RO capacity: 100 to 1000 LPH (Customizable)
- Water cooler: Up to 100 liter (optional)
- Level switch for auto cutoff and auto start the pumps based on water level
- Semi automatic Control system
- Modular structure with wheels







info.baliefcorporation@gmail.com



22, Fortune North Industrial Park, B/H Gamthi Restaurant, Near S.P. Ring Road, Near Nana Chiloda, GIDC Naroda, Ahmedabad, Gujarat, India, 382330 Contact No.: +91 90167 64095