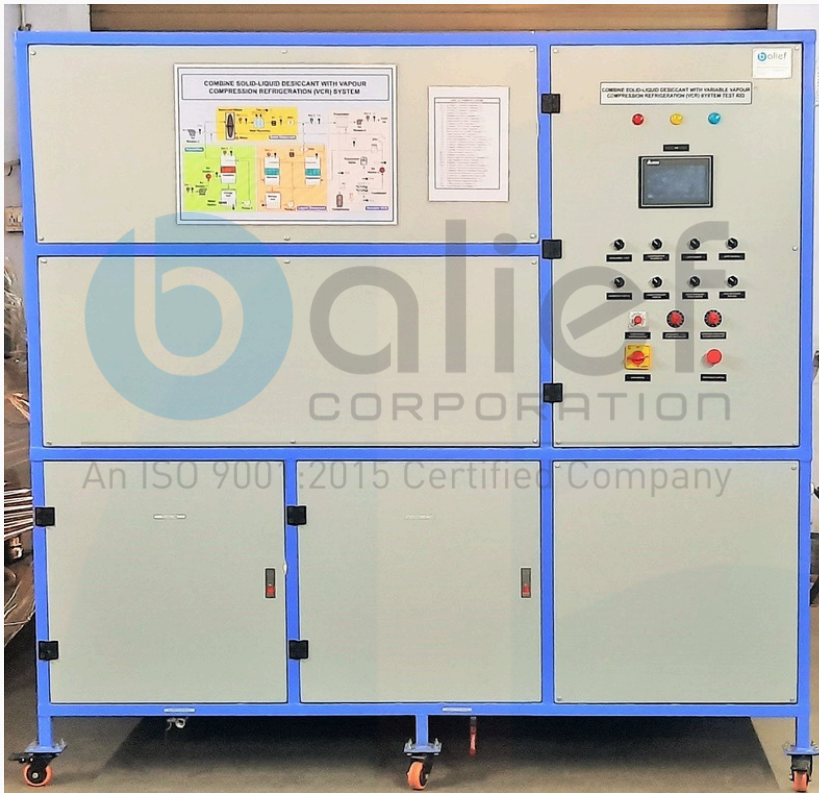


Combine Solid-Liquid Desiccant Test Rig

Save energy with hybrid desiccant system



Learning Outcome

- Gain comprehensive knowledge of the operation of AHUs and domestic air conditioning systems.
- Understand the impact of variable speed compressors on system performance.
- Analyze the role of humidifiers, Solid and Liquid desiccant systems in creating desired ambient conditions.
- Explore the flexibility of operating different AHU features alongside a variable VCR system.
- Study and evaluate 19 combinations of psychrometric processes.
- Develop skills in configuring and operating systems at various compressor speeds.
- Master seamless data acquisition and control through HMI.

Specification

- HMI-PLC based fully automatic with data recording
- Ethernet and Wi-Fi enabled for remote operation
- IoT based system (optional)
- Variable speed compressor
- Integrated humidifier (optional)
- Two Types of combine desiccant systems: Solid & Liquid
- Four different AHU features
- Combinations: 19 possible configurations for operation
- Safety feature : HP-LP , Interlocks, Pressure cutoff, Emergency switch etc.



Contact Us:

- For Inquiry : +91 79904 06122
- info.baliefcorporation@gmail.com
- www.balief corporation.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