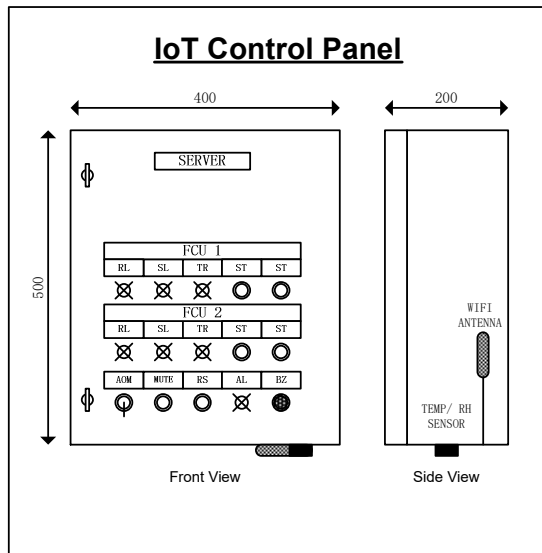## General Description

Control Panel for 12-Hours Duty-Standby Air-conditioning for essential service rooms (Computer/ Server/ LAN/ CSR/ MDF/ FCC Rooms)

IoT Control Panel — Front View / Side View

General Features

- ❖ IP55 Enclosure. Incoming MCB and Control Fuse.
- ❖ Control for 2 x numbers of FCU via Adapter Card#
- ❖ AOM Model Selector. Local Start/ Stop buttons. LED Indicating Lamps for Run/ Stop/ Trip/ High Temperature Status. Buzzer with Mute and Reset Buttons
- ❖ Weekly Timer. Automatic 12-Hours duty-standby operation
- ❖ Interlock with External High Temperature Thermostat
- ❖ Automatic start of standby unit in event of duty trip or room high temperature status
- ❖ Delay-Off timing to avoid temporary loss of air-conditioning during auto-change over transitional period
- ❖ Interlock with Fire Alarm (24VDC)
- ❖ Integrated digital Temperature/ RH sensor
- ❖ Modbus RTU for power monitoring in electrical DB**
- ❖ IoT controller with Wifi 802.11 b/g/n^
- ❖ Alarm and Data Logging, Email Alerts, Web page monitoring and One Drive Cloud Storage
- ❖ ^ Requires access to Office Router for Internet access
- ❖ ** Optional upgrade with Power Meter (Line voltages, current, power factor, active energy, active power)

Models

Control Via Adapter Card	Price (SIN $) Exclude GST
VP-2FCU-EMAIL (# Exclude Internet Router and subscription)	1,389.95

Applicable FCU Models With Adapter Card such as (#Adapter Card Not Included)

- ❖ Daikin KRP4AA5* (Volt-Free)
- ❖ Daikin KRP413A* (Transistor)
- ❖ Mitsubishi CN51/ CN32 (Voltage)
- ❖ Fujitsu AS*18/ A25/ A30 JC CN14/ CN16 (Voltage)
- ❖ Toshiba TCB-IFCB-4E2 (Voltage)

Web Page and Email Features

- Automatic Email alerts on Alarm conditions (eg. Trip, High Temperature, Fire Alarm)
- Web page monitoring
- Data Logging (Temperature/ Humidity/ Electrical Power)
- Cloud Storage with OneDrive (2GB)

Internet | Router | VP-2FCU-EMAIL | Interfaces