

# model: VRF Air conditioner-GTAC3112310

## VRF Air Conditioner

- \* 4 horsepower class outdoor unit
- \* 4-way indoor unit
- \* 1-Way indoor unit
- \* Data Logger
- \* Remote controller: 2ea
- \* Understand the difference between multi-split air conditioning system and VRF systems;
- \* Understand the operating principle of direct expansion split and VRF system;
- \* Understand the concept of thermal zone;
- \* Understand how VRF with heat recovery are different from ordinary heat pump systems;
- \* Understand the operation of thermostatic expansion valve (TXV) and electronic expansion valve (EEV);
- \* Understand the influence of building characteristics and load profile on selection of VRF system;
- \* Learn the advantages and application of VRF systems; and
- \* Understand the design limitations and challenges in design of VRF systems.
- \* Outdoor unit: 14 kW, 12000kcal/h for cooling, 16 kW, 13000 kcal/h for heating
- \* Power: 220v 1ph, 50Hz
- \* Compressor: Inverter Twin-rotary FVC oil
- \* Refrigerant: R410A
- \* Dimension: D-320xW-900xH-1327 mm
- \* Indoor1 cooling capacity: 7.2 kW, 6110 kcal/h
- \* Indoor1 heating capacity: 8 kW, 6,880 kcal/h
- \* Indoor1 dimension: D-950xW-950xH-46 mm
- \* Indoor2 cooling capacity: 5 kW, 3870 kcal/h
- \* Indoor2 heating capacity: 5 kW, 4300 kcal/h
- \* Indoor2 dimension: D-500xW-1350xH-25 mm
- \* DAQ: Control with software(DATA-STOP/DATA-START/DATA-SAVE functions with graphic)
- \* Assembly frame: aluminum D-1900xW-1300xH-2000 mm
- \* At least 2 years' service warranty

