

# COMPRESSION MINI CHILLER WITH COOLING TOWER TRAINING SETUP

## RV 185

### Description:

A compression chiller is an equipment which removes heat from fluid via vapor compression refrigeration cycle. In the presented unit, this cycle is equipped with a shell and tube condenser. The refrigerant temperature will be decreased inside the evaporator, then this cold fluid helps water which passes through evaporator coils to reduce its temperature. The low temperature water is then transferred to the building installations by pipelines and will be used for fan coils or other devices. The returning water from building will be cooled by cooling tower.

### Specifications:

- Compressor
- R-22 as refrigerant
- Air cooled condenser
- Shell and tube evaporator
- Shell and tube condenser
- Expansion valve
- Thermostat
- Temperature sensor
- Pressure gauge
- Cooling tower
- Axial fan
- Water pump
- Fan coil
- Installation and training video included
- Instructions manual included
- 10-year warranty

\*RV 188 piping set which is ordered separately is required for operation.

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

### Applications:

1. Obtaining coefficient of performance
2. Investigating performance of cooling tower
3. Familiarizing with the basics of water-cooled mini chillers

### Required For Operation:

- 380V Three-Phase Electricity
- Urban Water Supply
- Urban Water Drainage
- Desirable Temperature (°C): 10-40
- Relative Humidity: 15% - 80%
- Access To Fresh Air

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Dimensions (L\*W\*H) mm:1200×900×1100

Dimensions (L\*W\*H) mm:850×850×2500

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