

## BASIC INSTALLATION TRAINING PACKAGE

803



Year 1  
study

### Features

- Complete Package containing all the Individual Component Parts clearly labelled and identified
- Enables Students Practical Skills to be assessed
- Constructed from the Components actually required to install a 2.50 Cubic meter (75 Cubic Feet ) Chill room
- Optional Student Tool Kit, Test and Service Equipment and Maintenance and Student Practice Package
- Instruction manual Contains Course Notes, Instruction Notes and Student Example\worksheets

### Description

The 803 is a complete package, in kit form, containing all the individual components needed to assemble and operate the unit 802 Commercial Refrigeration Training Unit. This kit of parts, supported by a detailed Instruction manual, will help the student to develop and practice the skills and techniques necessary to enable a successful commercial installation.

### Related Laws/Applications

- Correct location of components
- Cutting, flaring, bending and brazing of copper pipe
- Electrical wiring
- Evacuation, charging and leak testing
- Operation, temperature control and switch adjustment

### Learning capabilities

- Examination of the system cycle and components.
- Heat leakage demonstration No 1
- Heat Leakage Demonstration No 2
- Product heat load
- The use of service gauges
- Method of adjusting Low Pressure Switch.
- Excessive Discharge Pressure
- Transfer of Refrigerant to the Liquid Receiver
- Charging

### Technical Specification

- Air cooled condensing unit.
- Suction and Discharge Service Valves.
- Gauge Manifold Connection points.
- Built in Motor Protector.
- Forced air, blow through type evaporator, with 15-watt fan motor.
- Detachable Insulated hood with variable heat load: 60, 100, 120, 160 or 200 watts.
- Dial Thermometer
- Internally equalised Thermostatic Expansion Valve.
- Liquid Line Filter Drier.
- Heat Exchanger.
- High Pressure Switch.
- Low Pressure Switch.
- High Pressure gauge.
- Compound gauge.

### Recommended Ancillaries

- TKB
- TSE

### What's in the Box?

- 1 x Kit form 802
- 1 x Transformer (115V only)
- Instruction manual
- Packing list
- Test sheet
- Wiring diagram

### You might also like

- 802

### Weights & Dimensions

- Weight: 101 kg
- Length: 1340mm
- Width: 640mm
- Height: 1650mm

### Essential Services

- 13 Amp, 220-240 Volts, Single Phase, 50Hz, (With earth/ground).
- 26 Amp, 110-120 Volts, Single Phase, 60Hz, (With earth/ground).

### Ordering information

To order this product, please call PA Hilton quoting the following codes:  
803/230  
803/115

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS