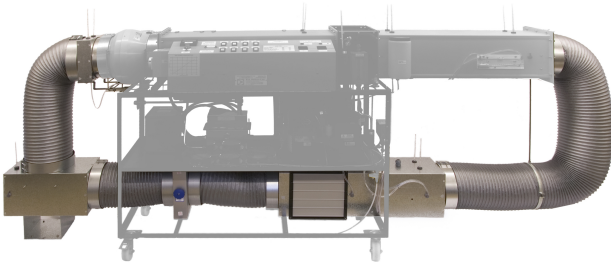




## OPTIONAL RECIRCULATION DUCT UPGRADE A660B



**Year 1  
study**

### Features

- Enthalpies of mixing calculable for various percentages.

### Description

Allows the proportion of recirculated air to be varied and its effect upon the energy requirements for air conditioning to be investigated. Additional psychrometric measuring points supplied allow the enthalpy of two-mixed streams to be investigated.

### Related Laws/Applications

- Refrigeration and air conditioning
- Building services
- Mechanical Engineering
- Marine engineering
- Plant and process engineering
- Food processing
- Chemical engineering
- Mining engineering
- Control engineering
- SCADA Software

### Learning capabilities

- Investigation of the effects of air recirculation proportion on the energy requirement of the air conditioning process.
- Investigation of the enthalpy of mixing of two airstreams.

**Technical Specification**

- 250mm Diameter Fast Clamp
- 250mm Spigot Plate
- 250mm 2 Part Duct Suspension Bracket
- Fan inlet Duct Support Bracket
- Air inlet Duct Assembly
- Return Duct (Length 2m)
- Exhaust Duct Assembly
- Fan inlet Duct Assembly
- Volume Control Assembly
- Wet Bulb Spirit in Glass Thermometer, -10 to +50°C
- 300mm Spirit in Glass Thermometer, -10 to 50°C
- Inclined Manometer, 0 to 12.5mm WG + Manometer Fluid

**Essential Ancillaries**

- A660

**What's in the Box?**

- 5 x Fast clamps
- 1 x Spigot plate
- 1 x Suspension bracket and stud
- 2 x Fan inlet Duct support
- 1 x Air inlet Duct assembly
- 1 x Duct return
- 1 x Exhaust duct
- 1 x Fan inlet duct assembly
- 1 x volume control assembly
- 3 x Wet bulb thermometer
- 1 x inclined manometer
- 1 x Tool kit
- 1 x Schematic

**You might also like**

- A660
- A660/220/AC
- A660/220/C
- A660/220/C/AC
- A660/415/AC
- A660/415/C
- A660/415/C/AC
- R100

**Weights & Dimensions**

- Weight: 59 kg
- Packed Length: 2030mm
- Packed Width: 1070mm
- Packed Height: 770mm

**Essential Services**

- Floor space of at least: 3630(L) x 530(W) x 1260(H) mm

**Ordering information**

To order this product, please call PA Hilton quoting the following code: A660B

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS