

## **Heat Recovery Air Handling Units Bespoke Manufacture**

### **Applications**

- Heat Recovery
- From 0.1m<sup>3</sup>/s to 15m<sup>3</sup>/s
- Modular Systems for Indoor and Outdoor Installation
- Fully Built or Flat Pack Design

### **Construction and Design**

Heat Recovery Air Handling Units are suitable in a variety of applications from domestic use to restaurants, swimming pools and shopping centres.

The heat recovery block fits between the supply and extract airstreams. It is built up of alternating layers of plates through which the heat is transferred between separated supply and exhaust air streams. This means there is no cross contamination of the airstream.

As this unit uses the extract air to heat the supply air they are more energy efficiently and cost saving.

Using CAD and CNC punching techniques, air handling units can be built of sheet steel construction or the more common aluminium anodised pentapost frame assembly system using double skinned insulated panels.

Where required we work with OEM clients, or consultants manufacturing to supplied designs / drawings.

### **Technical**

- Belt Driven and Direct Drive Fans
- Primary and Secondary Filter Sections including Carbon and HEPA Grades
- Electric Heater Sections
- Heating and Cooling Coil Sections including LPHW
- Gas Burners
- Humidifiers
- Heat Recovery blocks and heat wheels
- Integrated Drain Pan
- Low Profile
- Indoor and Outdoor Units
- Optional Control Systems.
- RSC Welded Base
- Crane Lifting Points

