



**Johnson
& Starley**

Dravo
Division

Dravo AHU/EMS Series



Indirect gas and oil fired units up to 36m³/s airflow and 1840kW output.

- ***ALUMINIUM PENTAPOST FRAME CONSTRUCTION***
- ***DOUBLE SKINNED INSULATED PANELS OF 50mm THICKNESS***
- ***OUTER SKIN MANUFACTURED FROM PLASTISOL***
- ***DOUBLE INLET BACKWARD CURVED FAN MOUNTED ON ITS OWN BASE FRAME AND ISOLATED FROM THE STRUCTURE VIA ANTI-VIBRATION MOUNTS***
- ***TWO STAGE OR MODULATED BURNER MODULE***
- ***ACCESSORIES:***

***BAG & PANEL FILTERS
MOTORISED / MANUAL AIR DAMPERS
EXTERNAL MODELS
COOLING & STEAM SECTIONS***

Construction & Panels

The frame is made of extruded aluminium alloy sections, assembled with cast aluminium corners that ensure a perfect rectangular form.

The double skinned insulated panels are available in two widths: 25 mm and 50 mm with a thermalacoustic infill of phenolic resin; or alternatively, expanded polyurethane or mineral wool.

The panels can be made from galvanised steel sheet, plastic coated galvanised steel sheet, aluminium sheet or stainless steel.

Fan

Fans are double inlet centrifugal with either forward or backward blades.

Bearings are ball-bearing type hermetically sealed and self aligning.

Electrical motors are protected to IP55.

Power transmission is by a multi V belt drive.

Fan, motor and drive are mounted on a base frame fitted with anti-vibration mounts.

Filter Section

Panel filters to EU3 with 85% arrestance.

Bag filters to EU4 with 92% arrestance.

Bag filters to EU7 with a dust spot efficiency of 85%.

External Burner

2 Stage or Modulating burners.

Control Panel

This incorporates an isolator for safety and convenience, a summer/winter switch, overheat and burner lockout lights as well as a burner reset button.

Remote Control

A Heatmiser remote control panel, which will carry out all space heating functions with the addition of a lockout indicator light and reset facility, all contained within a tamperproof box.



Dravo Division JOHNSON & STARLEY LTD

Rhosili Road, Brackmills, Northampton NN4 7LZ

Tel:(01604) 707022 Fax:(01604) 706467

E-mail: Dravo@johnsonandstarley.co.uk

Web Site: www.dravo.co.uk