

The downdraught table is free standing and does not need connection to an external dust extraction unit or system.

The dust is extracted through a wooden grille and passed through replaceable internal filters. The cleaned air is returned to the work environment or can exhaust through ducting.

The unit deposits extracted dust in two trays which can easily be removed for emptying.



## **TECHNICAL INFORMATION**

### **PERFORMANCE**

Designed to give a maximum airflow of 8000 m<sup>3</sup>/hr

### **NOISE LEVEL**

Typically 72 dB(A) measured at operator's working position

### **ELECTRICAL DATA**

2.2Kw 3phase 440Volt 1440rpm motor belt geared to give a drive speed of 1050rpm

### **STARTER**

Direct on line

### **FAN TYPE**

Belt driven forward curved centrifugal impeller

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### **FILTERS**

2 filters manufactured from Polyester Needlefelt giving a total filtration area of 17.0 m<sup>2</sup>

### **FILTER CLEANING**

Manual shake filter cleaning mechanism fitted

### **CONSTRUCTION**

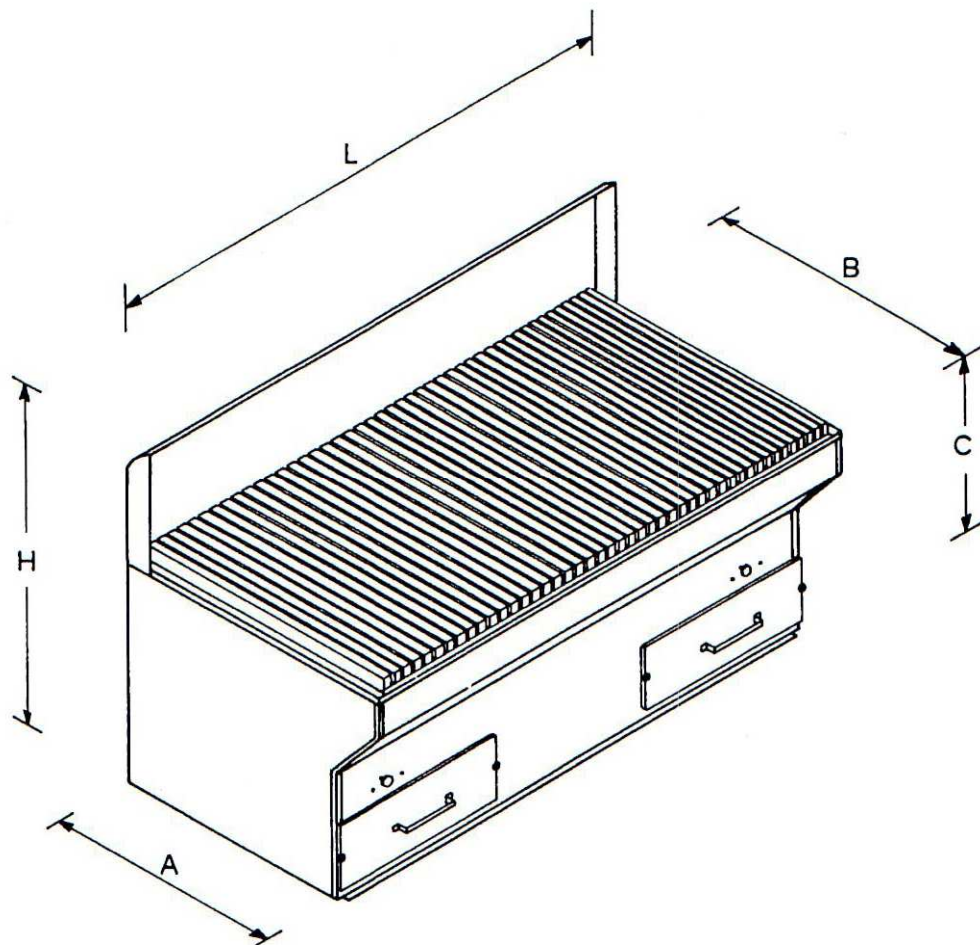
Made from high quality, cold rolled, low carbon steel plate manufactured to BS EN 10130:1999. Durable hammer paint finish.

### **WASTE COLLECTION**

2 drawer trays

### **STANDARD FEATURES**

Wooden slatted worktop



A	B	C	L	H
900mm	1100mm	900mm	2040mm	1300mm

**ATEX & BS EN61241-10:2004 'Electrical Apparatus For Use In The Presence of Combustible Dust'**

This unit is designed for use in a Non-Hazardous Area [an area in which combustible dust is not present to an extent that will permit the formation of significant explosive dust/air mixtures]. We also manufacture units which are suitable for use in Hazardous Areas [areas in which combustible dust in cloud form is or can be expected to be present in quantities such as to require special precautions for the construction and use of equipment in order to prevent ignition of an explosive dust/air mixture] If your risk assessment has classified the area as a Hazardous Area Zone 20, 21 or 22 for Dust or Zone 0, 1 or 2 for gases vapours or mists you must request a unit specified for use in those areas.

You are unlikely to have classified the proposed location of the extraction unit as a Hazardous Area if all sources of dust and fume in your work shop are controlled by effective extraction, and you comply with HSE advice and standard industrial practise with regard to cleanliness of areas where electric motors are in use including good housekeeping (regular cleaning of all surfaces to ensure no settled dust layers exceeding 5mm depth.)

We have assessed the risk of ignition sources igniting the dust cloud that is naturally formed within the extraction unit in use and ensured that ATEX compliant components are used within the unit where appropriate. It has been assumed that the user will not permit spark generating materials including tramp metal to enter the extraction system and will ensure that HSE guidance regarding only using ductwork made from conductive materials (i.e. steel) and earthing protocols are followed.