**5000i (3 Phase Supply)**

### What to specify...

1. **Model**
2. **Voltage**
3. **Volume or Vacuum**
4. **Pre-filter**
5. **Main filter**
6. **Connection Kit**
7. **Power Lead**
8. **Interfacing Kit**

### 5000i Specifications

<table>
<thead>
<tr>
<th>Voltage</th>
<th>400V 3ph N (Side Inlet)</th>
<th>400V 3ph N (Rear Inlet)</th>
<th>220V 3ph (Side Inlet)</th>
<th>220V 3ph (Rear Inlet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume Control</td>
<td>LX5550D</td>
<td>LX5549D</td>
<td>LX5551D</td>
<td>LX5565D</td>
</tr>
<tr>
<td>Vacuum Control</td>
<td>044250D</td>
<td>044261D</td>
<td>044251D</td>
<td>044265D</td>
</tr>
<tr>
<td>Wattage</td>
<td>7.5 kW</td>
<td>7.5 kW</td>
<td>7.5 kW</td>
<td>7.5 kW</td>
</tr>
<tr>
<td>Frequency</td>
<td>50Hz / 60 Hz</td>
<td>50Hz / 60 Hz</td>
<td>50Hz / 60 Hz</td>
<td>50Hz / 60 Hz</td>
</tr>
<tr>
<td>Cabinet height (inc castors)</td>
<td>1804 mm</td>
<td>1804 mm</td>
<td>1804 mm</td>
<td>1804 mm</td>
</tr>
<tr>
<td>Cabinet width (not inc hose)</td>
<td>1250 mm</td>
<td>1250 mm</td>
<td>1250 mm</td>
<td>1250 mm</td>
</tr>
<tr>
<td>Cabinet depth (not inc hose)</td>
<td>892 mm</td>
<td>892 mm</td>
<td>892 mm</td>
<td>892 mm</td>
</tr>
<tr>
<td>Cabinet weight</td>
<td>400 Kg</td>
<td>400 Kg</td>
<td>400 Kg</td>
<td>400 Kg</td>
</tr>
<tr>
<td>Sound Rating (dBA)</td>
<td>59</td>
<td>59</td>
<td>59</td>
<td>59</td>
</tr>
<tr>
<td>Airflow m³/hr</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
</tr>
<tr>
<td>Vacuum (kPa)</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

### Pre-filter

- **Side Inlet – One supplied**
- **Rear Inlet – One supplied and a pack of four pads**

See page 19-20

### Main Filter

- **Two supplied - See page 21-22 for your application**

### Connection Hose Kit

- **One supplied - See page 23-25 to suit your system**

### Power Cable

- **5M Fixed power cable, no plug fitted.**

### Machine Interfacing (Optional)

- **See page 27-29 to match your system**

### Digital Control System

A dedicated control, monitoring and display system unique to Purex fume extractors. All functions are fully automatic, all the user has to do is set the appropriate airflow on installation. The features of this system are designed to:

- Lower energy consumption by using variable speed motors and automatic flow control.
- Increase filter life by using the optimal extraction rate.
- Further protect people by constantly monitoring exhaust emissions.
- Interface with other equipment e.g. a laser.
- Maintain a constant extraction rate to prevent fume escape or damage to equipment.

### System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- Clear and informative graphic display
- Gas and particle sensors on the exhaust
- Low capital and running costs
- Quick change patented Labyrinth pre-filters deliver longer filter life.
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns
- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate and precision made from stainless steel
- High performance brushless motors

### Includes:

- 2 x Main filters and 1 x Labyrinth Pre-filter or 4 x Pre-filter pads with 1 x Pleated Bag Filter
- 1 x Power cable (no plug)

### Accessories

Please see the accessories brochure.

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