

# HP50-4 POWER UNIT

The HP50-4 is part of a comprehensive family of advanced power units from Fraser, which provides high voltage to produce ionisation in Fraser's range of AC static eliminators. There is a model for every customer requirement.

The HP50-4 is a power unit designed to serve up to four static eliminators.

## PERFORMANCE

- 5.5 – 6 kV of ionising power.

## ESSENTIAL QUALITIES

- Conforms to the highest market standards.
- Exceeds international safety requirements with fully encapsulated windings, current-limited design and automatic shut-down if there is a short on the static eliminator.
- Low running cost, typically 30 Watts.

## CONNECTIVITY AND CONTROL

- Fraser's proprietary HP Connector allows for quick connection and disconnection.
- Local on/off switch. Can also be powered directly by machine electrics.
- 3 m of hardwired mains cable is included, unless otherwise specified by customer.

## APPLICATIONS

- The HP50-4 is for multiple static eliminator applications on a wide variety of industrial processes.

## OPTIONS

- Remote monitoring of operational condition/alarm.



## SPECIFICATION

### Construction:

Powder coated steel case. Transformer with fully encapsulated windings.

### Electrical Output:

5.5 kV, secondary current limited to 5 mA.

### Maximum Load:

12 m of combined bar and HT cable.

### Safety:

The design is current limited to 5 mA. If more than 5 mA current is drawn the transformer is designed to shut down. Power will restart when the excessive load or fault is removed.

### Electrical Input:

115 V or 230 V, 50/60 Hz. Please specify input voltage.

### Environmental:

50 °C maximum temperature. 70 % rH non-condensing max. Location should be dry and oil-free. IP54.

### Certification:

CE, CB and UL.

### Options:

Remote monitoring to show status of high voltage and bars/electrodes.

DIMENSIONS

