HP50-F POWER UNIT

The HP50-F 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-F is a power unit designed to serve large systems. It can powerup to four static eliminators with a combined bar and cable length of 30 m.



PERFORMANCE

- 6 kV of ionising power.
- The flat-wave high voltage output combines high performance with low electrical stress for long-term reliability.

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, illuminated, on/off switch. Can also be powered directly by machine electrics.
- A 2 m IEC Lead is included

APPLICATIONS

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

SPECIFICATION

Construction: Powder coated steel case. Transformer with fully encapsulated windings.
Electrical Output: 6 kV with maximum peak voltage of 7.76 kV. Secondary current limited to 5 mA
Maximum Load: 30 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 or 60 Hz. Please specify frequency (Hz) as well as input voltage. A 2m IEC lead is included
Environmental: 50 °C maximum temperature. 70 % rH non-condensing max. Location should be dry and oil-free. IP40.
Certification: CE, CB and UL.
Options: Remote monitoring to show status of high voltage and bars/electrodes.

FRASER Anti-Static Techniques

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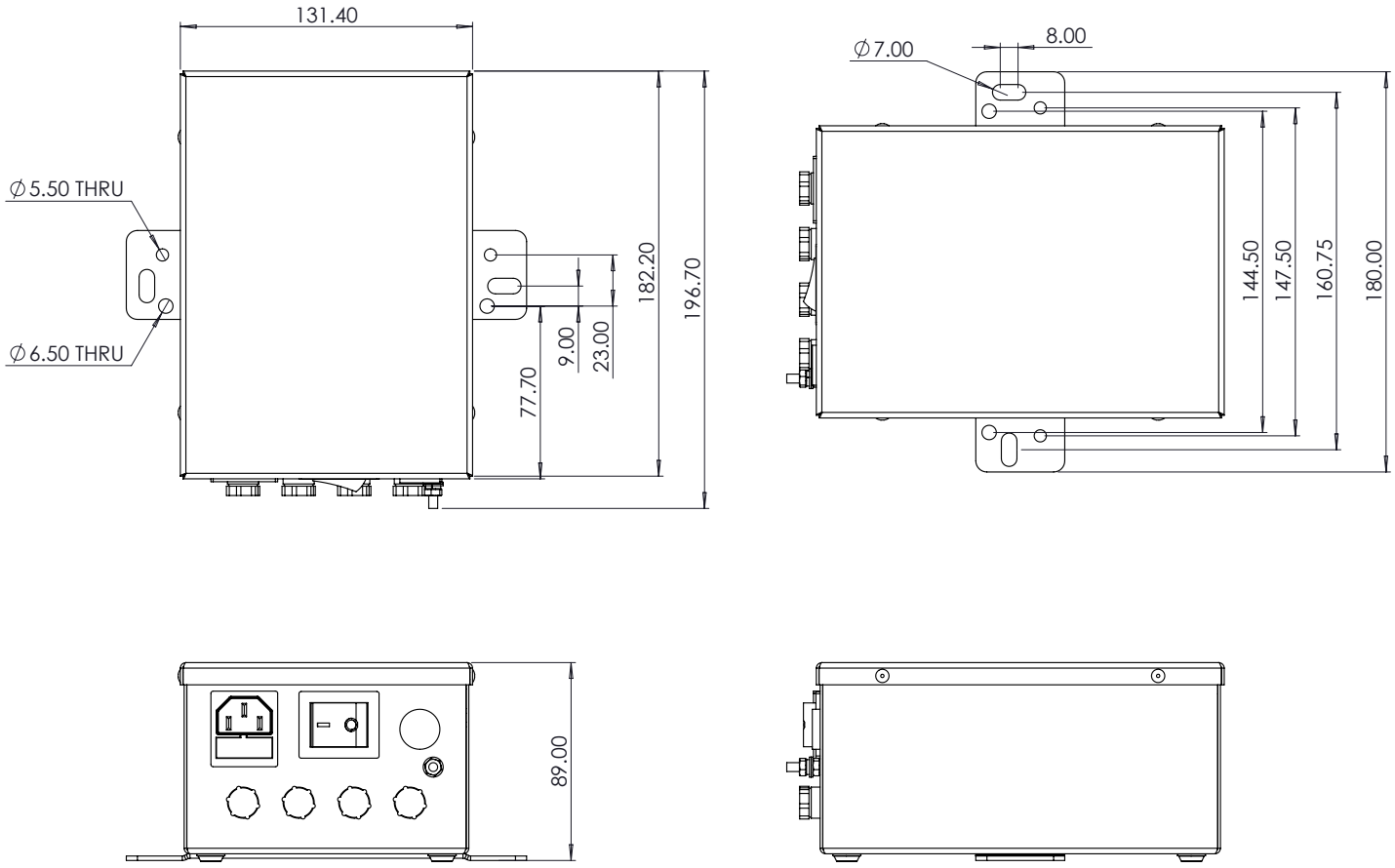
DIMENSIONS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