POWER UNIT

HP 50-F POWER UNIT

A High Load HP Power Unit that supplies the energy to run the latest high performance static eliminators from Fraser. They offer many advantages for the international manufacturer.

The HP50-F produces high voltage, low current in a controlled and safe way to provide the power for Fraser **AC High Performance static** eliminators working on 5.5 kV - 6 kV.

- It has bayonet connectors for fast and easy connection of the static eliminators. The HP50-F can power up to four static eliminators.
- Remote monitor options to link with customer's PLC, showing whether static eliminators are working and also if they require cleaning.
- Construction IP54 rated.
- All the controls and cables are on one face.









Specification

Construction: Powder coated steel case. Transformer with fully

encapsulated windings.

115 V or 230 V, 50/60 Hz. Please specify frequency Input:

(Hz) as well as input voltage.

3 m mains cable is supplied (longer can be specified)

Output: 6 kV with maximum peak voltage of 7.76 kV.

Secondary current limited to 5 mA.

30 m of combined Bar and HT cable. Maximum Load:

Environment: 50° maximum temperature.

> 70% rH non-condensing max. Location should be dry and oil free.

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.

Options: Remote monitoring to show status of high voltage and

Bars/ Electrodes.









