

Hazard Location Power Supplies



XP167/XP267

XPM167/XPM267



XP167/XP267 & XPM

The XP167 (120V) and XP267 (230V) are UL and CUL listed for Class I, Division 1 and 2, Group D hazardous locations when used with the XP-20F blowers.

The XPM167 (120V) and XPM267 (230V) are UL and CUL listed and can be used to power the XP-20F blowers. The XPM power supplies must be located outside of the hazardous locations.

The power supplies are equipped with an arc detection cut-off circuit with alarm capability. In the unlikely event that the static eliminator or cable should arc to ground, the arc detection circuit senses the short and shuts down the power supply within 40 milliseconds. The units include relay contacts that can be used to activate a remote visual or audio alarm and to trigger a PLC, for instance, to shut down the line.

The high voltage cable connecting XP and XPM power supplies to the static eliminator must be run in rigid or flexible metal conduit. All conduit runs are then sealed at the power supply enclosure.

Specifications   (XP models only)    (XPM models only)

Input Requirements	XP167 – 120V, 60 Hz XP267 – 230V, 60 Hz XPM267 – 230V, 60Hz
Output Voltage	7 kV, 3mA max
Number of outputs for static eliminators	4
Max Length of static bars which can be attached	300"



HLC



HL

PerforMAX IQ HL & HLC Power Supply

There are two power supply choices for the Performax IQ HL system. Both Power Supplies are the heart of the Performax IQ HL system because it not only provides the high voltage output power producing ionization, but they also process all of the system intelligence to maintain and communicate complete static control. Patent Pending features include auto-calibration and dual-axis feedback control. Indicators on the HL power supply display system status, power, service status, and fault conditions for mounting outside the hazardous area. While the HLC power supply is approved for mounting inside classified hazardous locations. Through the use of the required remote display monitor you can calibrate with the touch of a button and also view all critical indicators such as service status and fault conditions.

HLC Specifications

Input Power	24VDC, 1.5A from AC adapter
Output Voltage	+/-7kV "Speed Bar" +/-8kV "Hybrid Bar"
Dimensions	388mmL x 235mmW x 159mmH [15.25" L x 9.25" W x 6.25" H]
Weight	14.5 kg [32 lb]
Max Operating Temp	43°C [110°F]
Housing	Cast aluminum

HL Specifications

Input Power	24VDC, 1.5A from AC adapter
Output Voltage	+/-7kV "Speed Bar" +/-8kV "Hybrid Bar"
Dimensions	202mm (L) x 123mm (W) x 106mm (H); [7.95" (L)x 4.84" (W) x 4.17" (H)]
Weight	1.94 kg [4.28 lbs.]
Max Operating Temp	43°C [110°F]
High Voltage Connectors	2 proprietary PerforMAX IQ static bar outlets