

INNOVATIVE

Model 5820

Ionizer Monitoring System - ECO



FEATURES

- Balance Alarm Monitoring
- Power Failure Monitoring
- Communication Port Detection
- Un-powered Status Monitoring
- Auto-Cleaning Up to 20 units
- 24 VDC Supplies

BENEFITS

- Significant Less Maintenance
- No Calibration
- Emitter Point Soft Cleaning
- No External Power Distribution
- No Manual Check

APPLICATIONS

Core Insight's Innovative Ionizer Monitoring System Model 5820 is designed to provide remote status of ionizer imbalance, high voltage power supply unit failure, cable port failure detection, un-powered ionizers, auto-cleaning service and 24 VDC supplies up to 20 units from single monitor. Model 5820 can be daisy-chained connection up to 20 units of monitors as slave & master mode and maximum 400 units of ionizer monitoring and controlling.

Model 5820 Ionizer Monitoring System is specially designed for Core Insight's CoreStat® technology ionizers. User can enable or disable each port for ionizer monitoring. With LED display and audio alarms, user can identify for various alarm status. Model 5820 is also available to use other platform of ionizer which provide relay base or 4 - 20 mA signals.

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Specifications

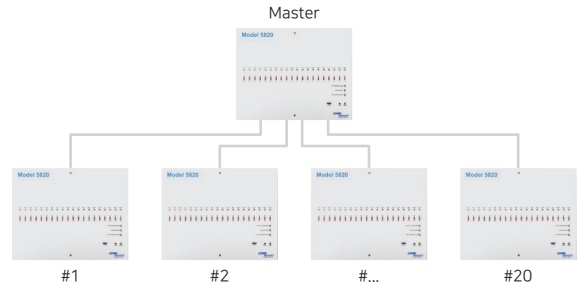
Input Voltage	100 - 240 VAC
Output Voltage	24 VDC
Capacity	Up to 20 units of CoreStat® Ionizers Up to 8 units of CoreStat® Ionizers - Model 5808
Compatibility	Model 3810 · Model 310 · Model 360 series
Display	LED
Alarm	Visual & Audio alarm operates high voltage failure, out of balance, unpowered status, and port detection
Cleaning	Auto-cleaning brush remote operation
Control	Monitoring enable or disable switch, auto-cleaning function
Monitoring	RJ-45 terminal
Operating Environment	Temperature: 15 - 35°C Humidity: 40 - 65% RH
Material	Powder coated aluminum enclosure
Dimensions (mm)	Model 5808 - 200W x 40H x 120D Model 5820 - 400W x 80H x 314D
Weight	Model 5808 - 470g Model 5820 - 2.4kg
Warranty	2 year limited warranty

Facility Monitoring System Output Signal



The Model 5820 can monitor Alarm Conditions by connecting devices such as a Signal Tower

Communication



Daisy-chain connection of Model 5820 can up to 400 units of CoreStat® Ionizers

Alarm Monitoring

PORT DETECTING ALARM ● BALANCE ALARM ● HVP ALARM ●	PORT DETECTING ALARM ● BALANCE ALARM ● HVP ALARM ●
HV Power Alarm	Balance Alarm
PORT DETECTING ALARM ● BALANCE ALARM ● HVP ALARM ●	PORT DETECTING ALARM ● BALANCE ALARM ● HVP ALARM ●
Port Detecting Model 5820 only	Un-powered

Size & Dimensions (mm)

