



GENERAL ELECTRONICS & ASSEMBLY IONIZING BLOWER SOLUTIONS



	OVERHEAD			BENCHTOP				
GE Blower	FPD	Model 5810i	Aerostat Guardian	6432e	MinION2	6832	PC2	XC2
Feature	<ul style="list-style-type: none">• High output, high velocity fans• Inherently balanced to $\pm 10V$• Ionization indicator light• Built-in emitter point cleaner• fan air filter, optional	<ul style="list-style-type: none">• $\pm 3V$ or better balance• Sensor input, alarms, FMS connection, management control, options• Auto-Clean System, optional	<ul style="list-style-type: none">• Inherently balanced to $0 \pm 10V$• Integrated heater, diffuser, task lights• Ionization indicator• Built-in manual emitter point cleaner	<ul style="list-style-type: none">• 24 VDC or 24 VAC• Small footprint• Fault alarm LED, FMS connection• In-tool or benchtop bracket	<ul style="list-style-type: none">• $\pm 10V$ self-balancing• 24 VDC input, compact design• Fault alarm LED, FMS connection• Modular wiring system (up to 3 units daisy-chained)	<ul style="list-style-type: none">• $< \pm 10V$ or better balance• Fault/fan alarm LEDs, FMS connection, audible alarm option• Manual emitter point cleaner	<ul style="list-style-type: none">• Lightweight/compact• Fault/fan alarm LEDs, FMS connection, optional audible alarm• $\pm 10V$ self-balancing• Manual emitter point cleaner• Integrated heater	<ul style="list-style-type: none">• Large area coverage• Fault/fan alarm LEDs, FMS connection, optional audible alarm• $\pm 10V$ self-balancing• Built-in emitter cleaner• Integrated heater
Discharge	1.0 sec @ 12" (30.5 cm)	< 3.0 sec @ 18" (45.7 cm)	3.0 sec @ 18" (45.7 cm)	24 VAC: < 4 sec @ 12" (30.5 cm) 24 VDC: < 5 sec @ 12" (30.5 cm)	2 sec @ 12" (30.5 cm)	< 2 sec @ 12" (30.5 cm)	< 2.0 sec @ 12" (30.5 cm)	1.0 sec @ 12" (30.5 cm)
Balance	$0 \pm 10V$	$\pm 3V$	$0 \pm 10V$	$\pm 20V$	$\pm 10V$	$< \pm 10V$	$0 \pm 10V$	$0 \pm 10V$
Ion Emission	AC Technology	Steady-state DC Technology	AC Technology	IsoStat Technology	Steady-state DC Technology	Steady-state DC Technology	Micropulse Technology	Micropulse Technology
Cleanroom Class	ISO 14644-1 Class 5	Meets ISO 14644 Class 4	ISO 14644-1 Class 5 (heater off)	ISO 14644-1 Class 5	ISO 14644-1 Class 5	ISO 14644-1 Class 4	ISO 14644-1 Class 6 (heater off)	ISO 14644-1 Class 6 (heater off)
Airflow	Variable Fan Speed (cfm) 2-fan: 150 low, 300 high 3-fan: 230 low, 450 high 4-fan: 300 low, 600 high	108 cfm per fan	Variable Fan Speed 150-300 cfm low-to-high	Fixed Fan Speed 49 cfm	Variable Fan Speed 21-42 cfm	4 Fan Speeds 125 cfm high	3 Fan Speeds 129 cfm high	3 Fan Speeds (cfm) 95 low, 150 high
Dimension	2-fan: 23.25"L x 4.0"H x 6.25"D (59.1 x 10.2 x 15.9 cm) 3-fan: 35.5"L x 4.0"H x 6.25"D (90.2 x 10.2 x 15.9 cm) 4-fan: 47.75"L x 4.0"H x 6.25"D (121.3 x 10.2 x 15.9 cm)	2-fan: 4.5"H x 6.1"D x 32"L (9.65 x 15.5 x 81.3 cm) w/bracket. 3-fan: 4.5"H x 6.1"D x 40"L (9.65 x 15.5 x 101.6 cm) w/bracket 3-fan: 4.5"H x 6.1"D x 44"L (9.65 x 15.5 x 111.8 cm) w/bracket	42.75"W x 4.44"H x 6.78"D (108.6 x 11.3 x 17.2 cm)	5.28"H x 5.19"W x 2.49"D (13.4 x 13.1 x 6.32 cm) w/o bracket	3.81" x 5.37" x 2.05" (9.68 x 13.6 x 5.21 cm) w/o bracket	7.33"H x 6.95"W x 2.75"D (18.6 x 17.6 x 6.99 cm) w/bracket	9.09"H x 6.81"W x 3.29"D (23.1 x 17.3 x 8.35 cm)	14.13"W x 7.19"H x 7.53"D (35.9 x 18.3 x 19.1 cm)
Weight	2-fan: 10 lb (4.54 kg) 3-fan: 13 lb (5.90 kg) 4-fan: 16 lb (7.26 kg)	44" unit 10.3 lb (4.68 kg)	16 lb (7.26 kg)	1.31 lb (0.59 kg) w/bracket	1.10 lb (0.50 kg)	1.98 lb (0.90 kg) w/bracket	2.8 lb (1.25 kg)	7.0 lb (3.18 kg)