



GENERAL ELECTRONICS & ASSEMBLY IONIZING BLOWER SOLUTIONS



	OVERHEAD			BENCHTOP				
GE Blower	FPD	Model 5810i	AEROSTAT GUARDIAN	6432	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 Optional fan air filter 	<ul style="list-style-type: none"> $\pm 3V$ or better balance Optional sensor input, alarms, FMS connection, management control Optional Auto-Clean System 	<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 stand 	<ul style="list-style-type: none"> Compact design Fault alarm LED, FMS connection $\pm 10V$ self-balancing Modular wiring system (up to 3 units daisy-chained) 	<ul style="list-style-type: none"> Small footprint Fault/fan alarm LEDs, FMS connection, optional audible alarm $< \pm 10V$ or better balance Built-in 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 Built-in 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 Class 4	ISO 14644-1 Class 6 (heater off)	ISO 14644-1 Class 6 (heater off)
Airflow	Variable Fan Speed 2-Fan: 150 cfm low, 300 cfm high 3-Fan: 230 cfm low, 450 cfm high 4-Fan: 300 cfm low, 600 cfm 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 129 cfm high	3 Fan Speeds 129 cfm high	3 fan speeds 95 cfm (fan low) 150 cfm (fan 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)	3.81" x 5.37" x 2.05" (9.68 x 13.6 x 5.21 cm)	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)	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)