

Purifier® Class I Safety Enclosures

ORDERING INFORMATION

Standard Features

- Nominal inflow velocity of 75 to 105 fpm
- Ergonomic air foil with aerodynamic Clean-Sweep* airflow openings
- Upper dilution air supply
- Zone-perforated rear baffle*
- Side-entry air foils
 - Exhaust HEPA filter, 99.99% efficient on 0.3 micron particles
 - Variable speed built-in blower with dynamically-balanced, vibration-isolated motorized impeller and solid state control rated for 5 amps
- Intrinsically-safe, negative pressure design
- Minihelic pressure gauge
- Low discharge volume and quiet operation (see chart below).

Nominal Width	Total Exhaust CFM and Noise Pressure					
	105 fpm	db(A)	90 fpm	db(A)	75 fpm	db(A)
2 Feet	155	54-59	130	51-57	110	49-55
3 Feet	230	60-64	200	55-58	165	52-56
4 Feet	310	64-67	265	60-63	220	54-58

- Upper containment sash foil
 - Glacier white and gray epoxy-coated aluminum frame and steel rear plenum and baffle
 - Fluorescent lamp
 - 254 nm UV lamp
 - Blower switch and 3-way light switch: UV, off and fluorescent
 - 1/4" thick tempered safety glass front sash and sides
 - 9.44" high sash opening
 - Ergonomic 10° angled and hinged sash that pivots upward, locks to a loading height of 20" and has side wiping seals to contain contaminants
 - Two utility ports with iris openings
- Particulate containment tested
- Biological containment verified per NSF Standard Number 49 Personnel Protection Test
- ASHRAE 110-1995 conformity tested
- ETL listing, UL 3101-1/61010-1 and CAN/CSA C22.2 No. 1010.1 conformity (115 volt models)
- CE Conformity Marking (230 volt models)
- One year warranty on parts and service
- Validation package available



Purifier Class I Safety Enclosure 3980203 on Solid Epoxy Dished Work Surface 3909900 and Telescoping Base Stand 3746700.

Standard Option

- Guardian Airflow Monitor that continuously monitors airflow and has two LED lights to indicate when airflow is within or outside set point range. The green LED glows when airflow is within set point range. The red LED glows and an audible alarm sounds when airflow is outside set point range.

Required Accessories

- Supporting work surface. Place on existing casework or see page 40.
- Supporting base. Place on existing casework or see pages 60-63.

See page 40 for dimensional drawings.

Catalog #	Nominal Width	Exhaust Volume	Electrical Requirements	Airflow Monitor	Power Cord & Plug	Shipping Weight
3980201	2 feet	110 - 155 CFM	115 volts, 60 Hz, 3 amps		115 volts, 15 amps	125 lbs. (57 kg)
3980203	2 feet	110 - 155 CFM	115 volts, 60 Hz, 3 amps	•	115 volts, 15 amps	125 lbs. (57 kg)
3980221†	2 feet	110 - 155 CFM	230 volts, 50 Hz, 2 amps		230 volts, 10 amps, no plug	125 lbs. (57 kg)
3980223†	2 feet	110 - 155 CFM	230 volts, 50 Hz, 2 amps	•	230 volts, 10 amps, no plug	125 lbs. (57 kg)
3980301	3 feet	165 - 230 CFM	115 volts, 60 Hz, 3 amps		115 volts, 15 amps	160 lbs. (73 kg)
3980303	3 feet	165 - 230 CFM	115 volts, 60 Hz, 3 amps	•	115 volts, 15 amps	160 lbs. (73 kg)
3980321†	3 feet	165 - 230 CFM	230 volts, 50 Hz, 2 amps		230 volts, 10 amps, no plug	160 lbs. (73 kg)
3980323†	3 feet	165 - 230 CFM	230 volts, 50 Hz, 2 amps	•	230 volts, 10 amps, no plug	160 lbs. (73 kg)
3980401	4 feet	220 - 310 CFM	115 volts, 60 Hz, 3 amps		115 volts, 15 amps	195 lbs. (88 kg)
3980403	4 feet	220 - 310 CFM	115 volts, 60 Hz, 3 amps	•	115 volts, 15 amps	195 lbs. (88 kg)
3980421†	4 feet	220 - 310 CFM	230 volts, 50 Hz, 2 amps		230 volts, 10 amps, no plug	195 lbs. (88 kg)
3980423†	4 feet	220 - 310 CFM	230 volts, 50 Hz, 2 amps	•	230 volts, 10 amps, no plug	195 lbs. (88 kg)

• Exclusive feature

* U.S. Patent No. 6,461,233

† International electrical configuration