

AirClean® Systems

"THE FUME CONTROL EXPERTS"

AC600 Series



AC600 Series Dimensions

	AC632	AC632T	AC648	AC648T
EXTERNAL DIMENSIONS				
Width	820	820	1230	1230
Depth	700	700	700	700
Height	725	980	725	980
INTERNAL DIMENSIONS				
Width	790	790	1200	1200
Depth	580	580	580	580
Height	505	760	505	760

SPECIFICATIONS	AC632	AC632T	AC648	AC648T
AIRFLOW CHARACTERISTICS				
Volume of filtered air	200 CFM max	350 CFM max	400 CFM max	600 CFM max
Face velocity	100 LFM	100 LFM	100 LFM	100 LFM
ELECTRICAL				
Voltage	110V or 220V or 12V DC	110V or 220V or 12V	DC 110V or 220V	110V or 220V
Current	1.0A/1.5A	2.0A/1.0A	2.0A/1.0A	4.0A/2.0A
Consumption	120 W	220 W	240 W	440 W
CONSTRUCTION				
Base Material	Polypropylene or PVC	Polypropylene or PVC	Polypropylene or PVC	Polypropylene or PVC
Front Sash and Baffle	PETG or PVC	PETG or PVC	PETG or PVC	PETG or PVC
Head Assembly	ABS or Kydex™	ABS or Kydex™	ABS or Kydex™	ABS or Kydex™
FILTER CAPACITY	1 or 2 (12" X 24")	1 or 2 (12" X 24")	2 (12" X 18")	2 (12" X 18")
FILTER TYPES*	HEPA or Carbon	HEPA or Carbon	HEPA or Carbon	HEPA or Carbon
OPERATION	Dual Speed or AirSafe™	Dual Speed or AirSafe™	Dual Speed or AirSafe™	Dual Speed or AirSafe™
LOW AIRFLOW ALARM	Standard	Standard	Standard	Standard
NOISE LEVEL (Blower at 100%)	< 49 DBA	< 49 DBA	< 53 DBA	< 53 DBA
CART (ADA compliant)	Optional	Optional	Optional	Optional
FLUORESCENT LIGHTING	Optional	Optional	Standard	Standard
WEIGHT (without filter)	60 lbs.	75 lbs.	100 lbs.	125 lbs.

*Bonded Carbon Filters

Bonded carbon filters produce "no filter dust" normally associated with carbon filtration. In the past, a HEPA "after" filter was required to protect applications from carbon dust. AirClean® has eliminated this problem with "breakthrough bonded carbon technology." Bonded carbon filters are solid blocks of activated coconut shell carbon that are held in a solid and predictable matrix via a proprietary binder. The filter has the same life as a granular carbon filter; however, the carbon is much more evenly distributed within the filter, eliminating "dead areas" found in granular carbon filters.



AirSafe™ Automatic Controller Features:

Airflow Monitoring - The AirSafe™ automatic controller will constantly monitor the face velocity and display the actual instantaneous face velocity on an alphanumeric display. The monitor uses a special sensor developed by AirClean® Systems which, unlike traditional anemometers, poses no safety threat to the operator.

AirFlow Alarms - Low airflow alarm may be set and displayed. A visual and audible alarm alerts the user to insufficient airflow.

Gas Detection/Filter Monitor - A solid state hydrocarbon detector warns the user of filter breakthrough.

