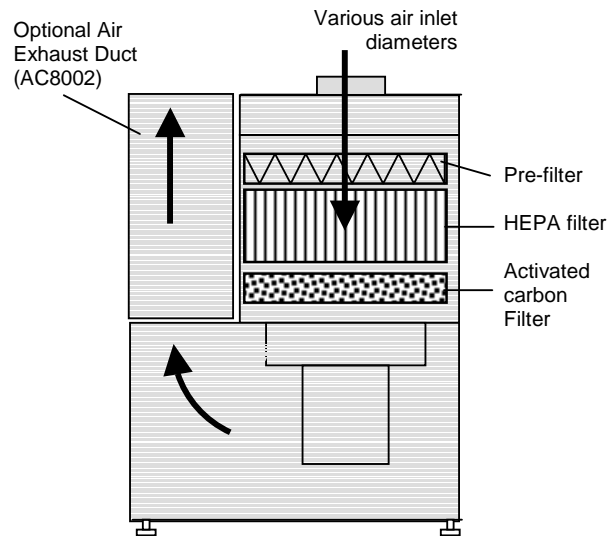# TECHNICAL DATA SHEET
Series F8200C

The F8220C filter unit is designed for the connection to production line equipment such as reflow or curing ovens and wave solder units. Large filter sizes allow for high airflow rates and assure a long filter life. The unit features multiple filter status indicators, warning lights and a front access door for easy filter maintenance.

Features and Benefits

✓ Fans are designed for consistent airflow performance. Static pressure (suction force), airflow and horse power rating are optimized.
✓ Large, pleated pre-filter
✓ High capacity HEPA filter, 99.97% efficiency at 0.3 micron
✓ Small footprint
✓ Acoustical liner assures low noise level
✓ Filter status monitor

Filtration System

Optional Air Exhaust Duct (AC8002)

Various air inlet diameters

Pre-filter

HEPA filter

Activated carbon Filter

Controls and Filter Monitor

✓ Unit on/off switch with power indicator light
✓ Thermal overload protection
✓ Totalizer to track operating hours
✓ Filter replacement indicator light and differential pressure gauge

Accessories / Options

AC1017	Connection flange Ø 8"
AC1002	Connection flange Ø 10"
AC8002	Air exhaust duct (noise reduction)
AC8210	Casters (wheels), factory installed
LT8000	Light tower, factory installed
OEL8210	Power supply 460V/3Ph for F8210C
OEL8220	Power supply 460V/3Ph for F8220C
Various duct connection kits	

Replacement Filters

FIL5031	Pre-filter pleated, 60% (3/set)
FIL0020	HEPA 99.97% at 0.3 micron
FIL0083	Carbon cartridge 20 lbs

Specifications	F8220C
Recommended air inlet Ø	8" (AC1017)
Fan capacity	1400 cfm
System capacity	900 cfm
Max. static pressure	9" WC
Power supply	230V, 3Ph, 60Hz
Motor power	2 HP
Noise level, approx.	62 dBA
Dimensions (w/d/h)	38.5"/26"/52"
Weight (approx.)	420 lbs

Technical specifications are subject to change.