

# TECHNICAL DATA SHEET

## F1800 Series



The F1800 series is designed for laser and solder fume removal. Our proprietary fan design ensures a strong suction force and high airflow rates. For low operating costs the unit features heavy-duty pre-filtration and large main-filters. A differential pressure gauge indicates the status of the particulate filter. An optional lid allows the connection of 2", 2.5" and 4" diameter hoses.

### Features and Benefits

- ✓ High airflow and strong suction force
- ✓ Large filters for long filter life
- ✓ HEPA filtration with 99.97% efficiency at 0.3micron
- ✓ Deep-bed gas filter
- ✓ Various air inlet ports
- ✓ Compact size
- ✓ Casters standard
- ✓ Built-in silencer

### Controls and Filter Monitor

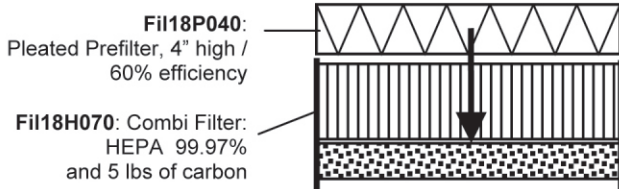
- ✓ Unit on/off switch with power indicator light
- ✓ Thermal overload protection
- ✓ Filter status indicator (differential gauge)



### Filtration System

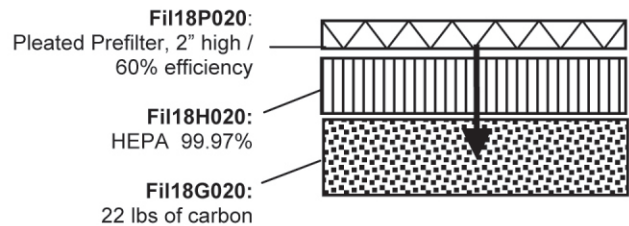
#### Model F1800C:

Pre / HEPA / Carbon Filtration  
for heavy particle filtration



#### Model F1800PG:

Pre / HEPA / Deep-Bed Carbon Filtration  
for high volume of gases / odors



### Specifications

	F1800C	F1800PG
Air inlet ports	4 Each 2.5" dia.	4 Each 2.5" dia.
Fan capacity	700 cfm	700 cfm
System capacity	400 cfm	300 cfm
Max. Static Pressure	4.8" WG	4.8" WG
Power supply	115VAC, 60 Hz	115VAC, 60 Hz
Power	400 Watt	400 Watt
Noise level, approx.	58 - 64 dBA	58 - 64 dBA
Dimensions (w / d / h)	17.5" / 19.5" / 29"	17.5" / 19.5" / 29"
Weight, approx.	110 lbs	120 lbs
<b>Model No. for 230VAC, 60Hz</b>	<b>F1802C</b>	<b>F1802PG</b>

### Options

AC1801 Top Cover with four air inlets, 2.5" and 4" diameter



Technical specifications are subject to change.