

ProAIR

by **DEVILBISS**

- High air flows for conventional and compliant spray guns.
- Rolling diaphragm for rapid response and precision control.
- Optional filter specifications for spraying and air fed respiratory protection outfits.
- Tough, heavy duty construction for long service life.
- Multi-valved outlets for spray gun and air fed respiratory protection plus semi-automatic filter drains.
- Tamper proof, removable and lockable adjustment knobs.

Compressed air is the lifeblood of every bodyshop and its effective management is vital to operator safety, efficiency and maintaining ultimate finish quality. The DeVilbiss Pro Air range of air filter regulators and coalescers are manufactured using super resistant technopolymer materials used in the construction of the filter bodies ensuring total solvent resistance. The state of the art rolling diaphragm technology ensures optimum air flow and precision control.



ENGINEERED AIR MANAGEMENT





PROAIR-1 FILTER REGULATOR

This high capacity, 123 cfm, two outlet unit has been designed for use in the spray booth. Constructed using leading edge technopolymer materials, the ProAIR-1 is resistant to solvents and withstands the heat of the bake cycle (up to 80°C).

Dual filtration eliminates dirt down to 5 microns from reaching the spray gun and like all ProAIR filter regulators, condensate can be removed from the filter bowl manually or semi-automatically on depressurisation of the system. Ideal for running a spray gun (not suitable for breathing air).



PROAIR-2 FILTER REGULATOR COALESCER

ProAIR-2 is the industry favourite for fitting in an automotive refinish spray booth, providing clean breathable air for air fed safety equipment.

Triple filtration removes dirt and other contaminants down to 0.01 microns through the coalescing filter, while the capacity of 32 cfm provides sufficient air flow to run an air fed mask and spray gun. Suitable for use in low bake spray booths (up to 80°C).



PROAIR-3 FILTER REGULATOR COALESCER with Activated Carbon Filter

The ProAIR-3 incorporates both filters from the ProAIR 1 and 2 plus and activated carbon filter, supplying breathing air filtered down to 0.003 microns and suitable for air fed respirators.

The activated carbon filter removes traces of oil, solvents, hydrocarbons and unpleasant odours while the high airflow is ample for conventional and compliant spray guns. Also suitable for use in a low bake spray booth (up to 80°C).



REPLACEMENT FILTER ELEMENTS

In order to maintain optimum air quality, which is of vital importance when air fed respiratory equipment is being used, filters must be changed regularly every 6 months. Three types of replacement are available for particle sizes of 5 microns, 0.01 microns and 0.003 microns.

Part Numbers:

PROAIR-51
PROAIR-52
PROAIR-53
PROAIR-62
PROAIR-63

Replacement 5 micron filter for ProAIR-1, ProAIR-2 (1st stage) and ProAIR-3 (1st stage)
Replacement 0.01 micron filter for ProAIR-2 (2nd stage) and ProAIR-3 (2nd stage)
Replacement 0.003 micron filter for ProAIR-3 (3rd stage)
Filter kit containing PROAIR-51 & 52
Filter kit containing PROAIR-51, 52 & 53

SPECIFICATIONS

| Model/Part No. | ProAIR-1 | ProAIR-2* | ProAIR-3* |
|---|---------------------------|------------------------------|-------------------------------|
| Air Inlet Thread | 1/2" BSP female | 1/2" BSP female | 1/2" BSP female |
| Regulated Outlets | 2 valved | 2 valved | 2 valved |
| Air Outlets (Ball Valves) | 1/4" BSP male | 1/4" BSP male | 1/4" BSP male |
| Width (Overall) | 185mm | 330mm | 395mm |
| Height (Overall) | 280mm | 280mm | 280mm |
| Weight | 2300g | 3375g | 4205g |
| Capacity (Maximum Air Flow) | 3500 l/min (123 cfm) | 900 l/min (32 cfm) | 900 l/min (32 cfm) |
| Maximum Air Inlet Pressure | 13 bar (189 psi) | 13 bar (189 psi) | 13 bar (189 psi) |
| Maximum Regulated Outlet Pressure | 0-8 bar (0-116 psi) | 0-8 bar (0-116 psi) | 0-8 bar (0-116 psi) |
| Maximum Operating Temperature | 80°C | 80°C | 80°C |
| Pressure Gauge | 0-11 bar (0-160 psi) | 0-11 bar (0-160 psi) | 0-11 bar (0-160 psi) |
| Gauge Port | 1/8" BSP (F) | 1/8" BSP (F) | 1/8" BSP (F) |
| Degree of Filtration (Output air quality class ISO8573-1) | 3.7.4 (Down to 5 microns) | 1.7.2 (Down to 0.01 microns) | 1.7.1 (Down to 0.003 microns) |
| Drain Valve | Semi-Automatic | Semi-Automatic | Semi-Automatic |
| Maximum Pressure Drop | 5% of Inlet Pressure | 10% of Inlet Pressure | 10% of Inlet Pressure |

*Suitable for Breathing Air

DEVILBISS
AUTOMOTIVE REFINISHING

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