

DVFR

ADVANCED AIR MANAGEMENT

DEVILBISS

- Genuinely 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, air fed mask and air tools plus semi-automatic filter drains
- Tamper proof, removable and lockable adjustment knobs



Compressed air is the lifeblood of every bodyshop and it's effective management is vital to operator safety, efficiency and maintaining ultimate finish quality. The DeVilbiss DVFR 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, while the state of the art rolling diaphragm technology ensures optimum air flow and precision control.

DVFR-1 Filter Regulator

This high capacity, 90 cfm, three outlet unit has been designed for use in the spray booth. Constructed using leading edge technopolymer materials, the DVFR-1 is resistant to solvents and withstands the heat of the bake cycle.

Dual filtration eliminates dirt down to 5 microns from reaching the spray guns and like all DVFR filter regulators, condensate can be removed from the filter bowl manually or semi-automatically on depressurisation of the system.



DVFR-3 Filter Regulator

This general purpose unit has been developed for both paintshop and workshop applications.

The Dual filtration process eliminates dirt down to a particle size of 20 microns from air tools and spray guns, while the two ball valve controlled outlets have a total capacity of 60 cfm.



DVFR-2 Filter Regulator Coalescer

The industry favourite for fitting in an automotive refinish spray booth, it is mandatory for use with air fed respiratory protection.

Triple filtration removes dirt and other contaminants down to 0.01 microns, while the capacity of 50 cfm provides sufficient air flow to run two masks and two guns.



DVFR-4 Filter Regulator

This unit is designed for use with spray equipment, which requires filtered air at main line pressure, while the other outlet pressures can be regulated.

The unit has a generous capacity of 90 cfm and dual filtration down to a particle size of 5 microns. This unit is not suitable for use in a low bake spray booth.



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. Three types of replacement filter element are available for particle sizes of 20, 5 and 0.01 microns.

Part Numbers: DV-9451705 Replacement 5 micron filter element for DVFR-1, DVFR-2 and DVFR-4
 DV-9451711 Replacement 0.01 micron fine filter breathing element air for DVFR-2
 DV-9351706 Replacement 20 micron filter element for DVFR-3



Specifications:

Model	DVFR-1	DVFR-2*	DVFR-3	DVFR-4
Air Inlet Thread	1/2" BSP (F)	1/2" BSP (F)	1/2" BSP (F)	1/2" BSP (F)
Regulated Outlets	3 Valved	3 Valved	2 Valved	2 Valved + 1 Plugged
Unregulated Outlets	NA	NA	NA	1 Valved + 1 Plugged
Air Outlets (Ball Valves)	1/4" BSP (M)	1/4" BSP (M)	1/4" BSP (M)	1/4" BSP (M)
Width (Overall)	175mm (6.9")	240mm (9.5")	165mm (6.5")	290mm (11.5")
Height (Overall)	280mm (11")	280mm (11")	240mm (9.5")	280mm (11")
Weight	2500 gms (88 oz)	3200 gms (113 oz)	1341 gms (46 oz)	2950 gms (104 oz)
Capacity (Maximum Air Flow)	2550 l/min (90 cfm)	1415 l/min (50 cfm)	1698 l/min (60 cfm)	2550 l/min (90 cfm)
Maximum Air Inlet Pressure	13 bar (189 psi)	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)	0-8 bar (0-116 psi)
Maximum Operating Temperature	100°C (212°F)	100°C (212°F)	40°C (104°F)	40°C (104°F)
Pressure Gauge	0-11 bar (0-160 psi)	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)	1/8" BSP (F)
Air Filtration	Down to 5 microns	Down to 0.01 microns*	Down to 20 microns	Down to 5 microns
Drain Valve	Semi-Automatic	Semi-Automatic	Semi-Automatic	Semi-Automatic
Maximum Pressure Drop	5% of Inlet Pressure	10% of Inlet Pressure	5% of Inlet Pressure	5% of Inlet Pressure

*Suitable for Breathing Air

DEVILBISS
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