

CPF 20/80

COMPRESSED BREATHING-AIR FILTER

Clean. Safe. Reliable.

CPF 20/80 is a high-performance multi-stage breathing-air filter designed to deliver clean, safe and moisture-free air for personnel using supplied-air respirators in industrial environments.

AVAILABLE MODELS



CPF 20
Up to
2 Operators



CPF 80
Up to
4 Operators

KEY FEATURES



Multi-stage
filtration



Removes oil mist,
moisture &
particulates



Built-in pressure
regulator &
gauge



Replaceable
filter cartridge



Heavy-duty
steel housing



Low maintenance
& long life



TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	CPF 20 / CPF 80
Filter Type	Multi-stage Breathing Air Filter
Filtration Rating	0.5 Micron
Housing Material	Powder-Coated Steel
Pressure Regulation	Adjustable
Pressure Gauge	Analog
Safety Valve	Integrated
Boda	Manual Drain Valve
Mounting	Floor / Well Mounted
Filter Siement	Replaceable Cartridge
Air Supply	Grade-D Compressed Air
Operating Pressure	Up to 10 bar (145 psi)
Temperature Range	5°C - 80°C
Inlet / Outlet Connection	1/2" BSP (F)



APPLICATIONS

- ✓ Sand Blasting
- ✓ Shot Blasting
- ✓ Painting Operations
- ✓ Petrochemical Plants
- ✓ Shipyards
- ✓ Foundries
- ✓ Chemical Industries
- ✓ Power Plants
- ✓ Industrial Maintenance
- ✓ Heavy Engineering



BENEFITS

- ✓ Delivers clean breathing air
- ✓ Protects respiratory equipment
- ✓ Reliable pressure control
- ✓ Rugged industrial construction
- ✓ Compact & portable design
- ✓ Long operational life



IMPORTANT SAFETY NOTE

This filter removes oil mist, moisture, odours and particulates but does NOT remove Carbon Monoxide (CO) or other toxic gases. Use only with Grade-D breathing air and appropriate CO monitoring where required.



Oil Mist



Moisture



Particulates



Not Removed



FILTER ELEMENT - INTERNAL CONSTRUCTION

HOW IT WORKS

Multi-stage filtration technology that delivers clean, dry, and odour-free air for maximum efficiency and protection.

AIR INLET
(CENTER)

RELIEF
VALVE

CLEAN AIR
OUTLET

FELT CLOTH
(Pre-filter)

POLYESTER FIBER
FILLING
(Removes fine mist
& solid particles)

FELT CLOTH

ACTIVATOR CARBON
ABSORPTION LAYER
(Removes odours, oil
vapours & toxic gases)

FELT CLOTH

3mm CERAMIC BALLS
(Distributes air evenly
& supports filtration)

FELT CLOTH

MOISTURE SEPARATION
CHAMBER
(Collects condensed
water)

DRAIN DRIVE

FILTER CARTRIDGE (SOLD WITH PRODUCT)



- ✓ High efficiency multi-layer filtration
- ✓ Durable construction
- ✓ Easy to replace
- ✓ Ensure clean & safe breathing air



CLEAN AIR.
SAFE LIFE.



QUALITY FILTRATION.
RELIABLE PROTECTION.



BUILT FOR INDUSTRY.
BUILT TO LAST.