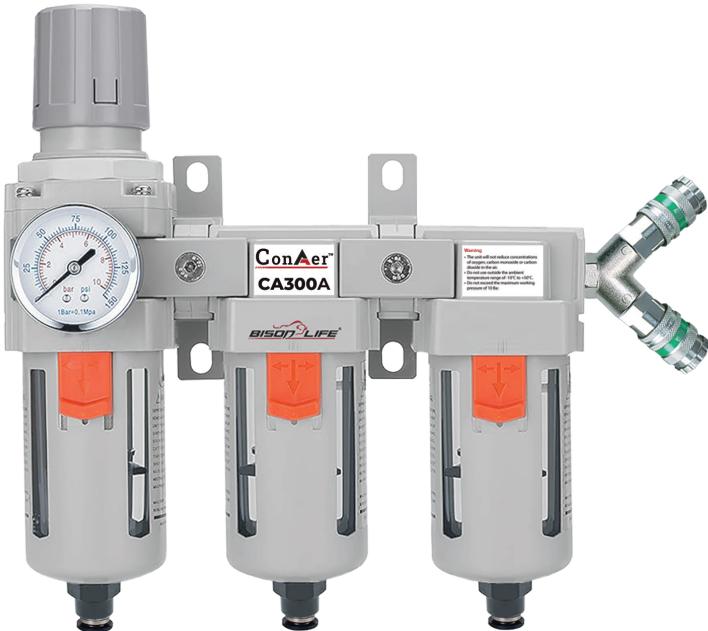


CA300A



ConAer - CA300A Filter and Regulator Panel is a compressed breathing air purifier system designed to help remove or reduce selected contaminants that are found in standard compressed airlines.

Applications

- Spray Painting
- Chemical Treatment
- Powder Handling & Mixing
- Clean Room
- Laboratory

Specification

Inlet pressure (max.)	150 psi static
Rated air flow (max.)	50 cfm (1416 L/min) at 105 psi
Inlet pressure (recommended)	90 to 120 psi (6.2-8.3 bar)
Outlet pressure range	0 to 115±5 psi (0 to 7.2±0.34 bar)

Industries

-  Automotive
-  Chemical
-  Pharmaceutical
-  Heavy Engineering
-  Windmill Manufacturing

1. Air Entry:

- Air entering the filtration system at the inlet may be contaminated with oil, water, dirt, rust, scale and vaporous hydrocarbons.
- Air enters the panel through the Air Inlet point 1/2" female thread port **(A)**.

2. Three Stage Filtration:

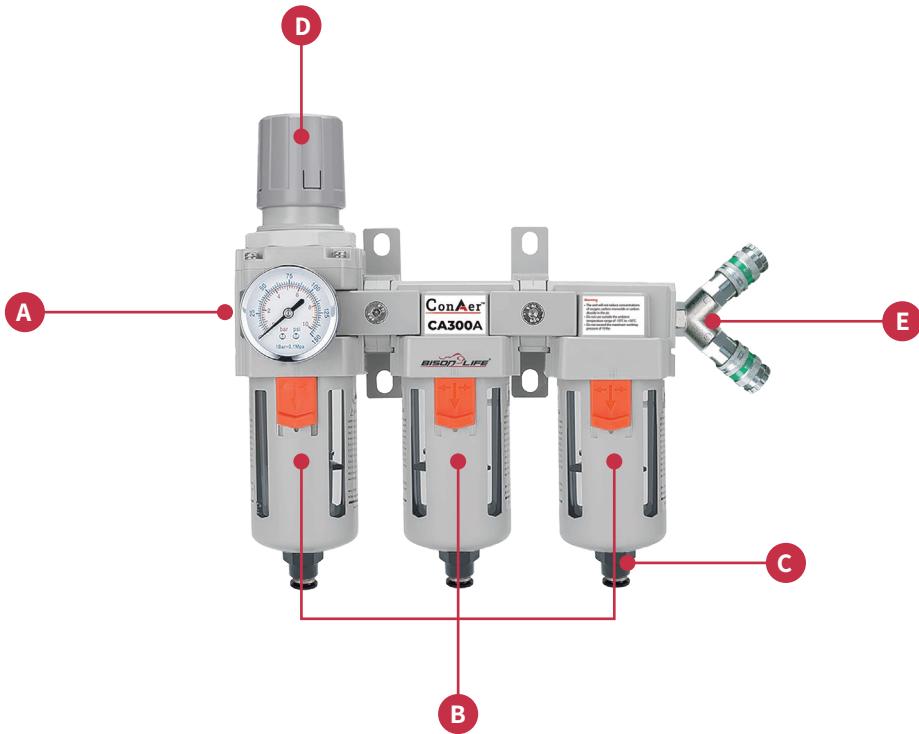
- The Filter and Regulator Panel contains three filters **(B)** designed to remove liquid droplets, particles, and nuisance odors.
- Liquid contaminants are trapped in the filter assembly and expelled through the auto drain valve **(C)**.
- It contains air pressure regulator **(D)**, which is used to adjust the air pressure going to the respirators.

3. Filter Panel:

- Maximum capacity of 50 cfm at 105 psi,
- Require a source of breathable compressed air system or air cylinder
- No battery requirement to maintain
- Cost-effective respiratory protection for All-Day use

4. Couplings:

- It has CEJN 342 series quick couplings (**E**) that are ensure to supply breathing air to helmets, hoods or tight-fitting facepieces.
- Quick couplings are compatible with Bisonlife provided breathing air hose for SAR application only.



5. Filter Elements:



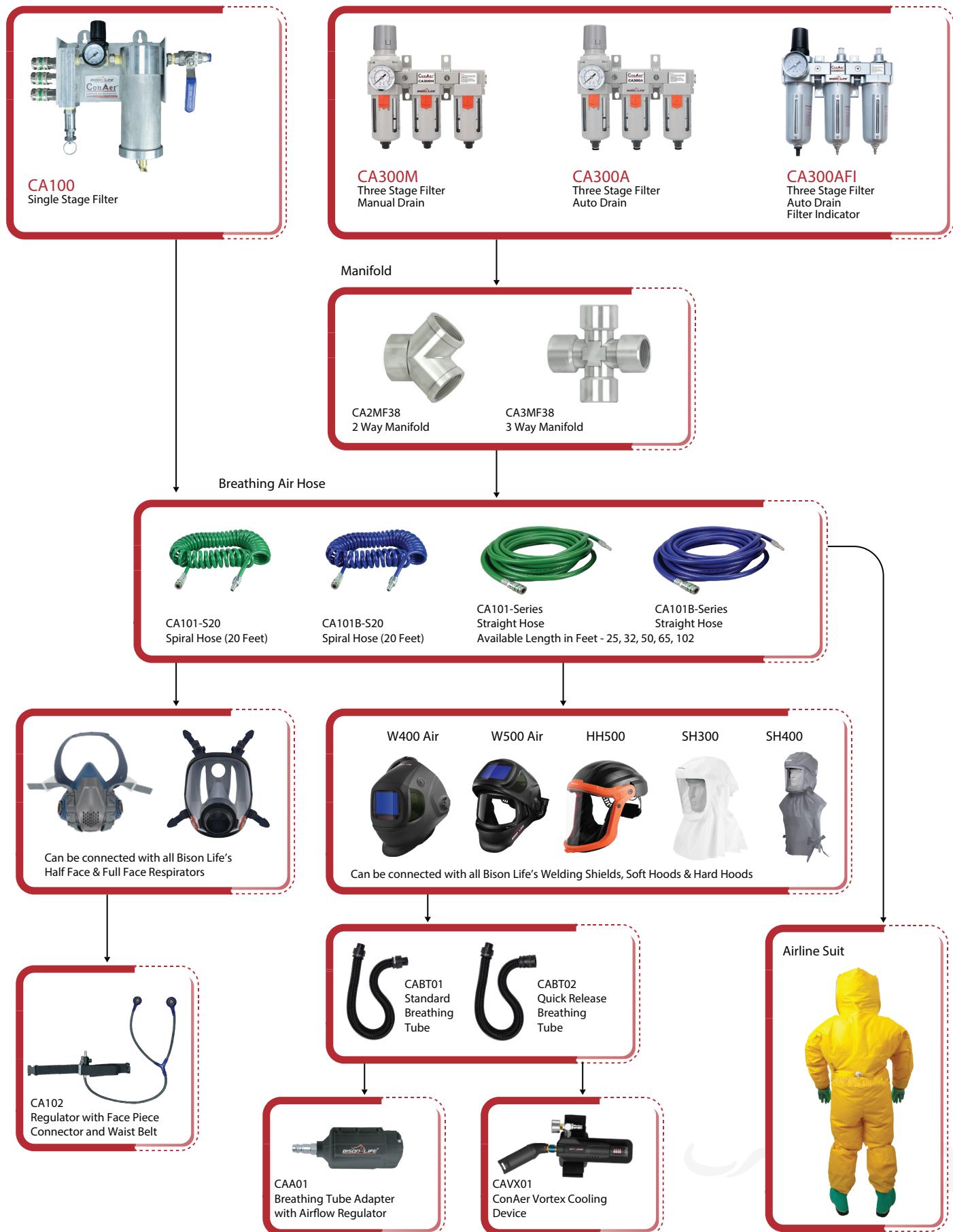
5 µm Brass filter element: Excellent filtration performance, longer life and possibility to reuse

0.5 µm filter element: Effective filter out smaller particles and coalescing filter effect to eliminate water & oil droplets from the air stream.

0.01 µm filter element: Effective filter out the smallest particles and odor from the air stream.



ConAer™



Model No.	Product Description
	CA300A Compressed airfilter & regulation panel
	CA101-25 Supplied air hose -7.5m (25ft) CA101-32 Supplied air hose -10m (32ft) CA101-50 Supplied air hose -15m (50ft) CA101-65 Supplied air hose -20m (65ft) CA101-102 Supplied air hose -31m (102ft)
	CA101B-25 Supplied air hose -7.5m (25ft) CA101B-32 Supplied air hose -10m (32ft) CA101B-50 Supplied air hose -15m (50ft) CA101B-65 Supplied air hose -20m (65ft) CA101B-102 Supplied air hose -31m (102ft)
	CA101-S20 Supplied air Spiral hose -6m (20ft)
	CA101B-S20 Supplied air Spiral hose -6m (20ft)
	CA102 Regulator with Face Piece Connector and Waist Belt
	CA301B Internal Filter - Brass
	CA301C Internal Filter - Coalescing & Particle
	CA301P Internal Filter - Small Particle & Odour