

CLEAN AIR SUPPLY

CAS 1014A

DRY, CLEAN AND COMPRESSED AIR
FOR AEROSOL GENERATORS



CLEAN AIR SUPPLY - CAS 1014A

The Clean Air Supply - CAS 1014A is an essential accessory for operating the most aerosol generators. It provides dry, clean, and regulated compressed air. It consists of an air regulator, air filter, desiccant dryer, and coalescing filter. The air regulator controls air pressure. The air filter removes water/oil droplets in the compressed air. The desiccant dryer removes moisture from the air stream. The coalescing filter removes particles in the compressed air.

FEATURES

- + Drying efficiency down to -40oF pressure dew point
- + Broad range of pressure control range
- + Easily replacement of desiccant
- + Easily replacement of filter element
- + Visible desiccant housing to monitor the desiccant
- + No electricity needed
- + Low-pressure drop
- + No purge air lost as with other dryer types

CLEAN AIR SUPPLY CAS 1014A SPECIFICATIONS

■ **Maximum Inlet Pressure**

1.0 MPa (145 psig)

■ **Pressure Regulator**

0.05 to 0.85 MPa (7 to 123 psig)

■ **Desiccant Type**

Silica Gel (Blue Indicator Crystal)

* The silica gel may be replaced by other desiccants such as activated charcoal or sodium aluminosilicate

■ **Desiccant Capacity**

Up to 1.5 Liter

■ **Coalescing Filter Element**

Pore Size

0.01 μm

Filtration Efficiency (DOP Smoke)

99.995% for 0.3 μm 10.5 ft/minutes

■ **Environmental Condition**

Operating Temperature

-5°C to 60°C (23 to 140°F), No Freezing

■ **Fittings**

Inlet and Outlet

8mm One Touch Fitting

■ **Dimension (H x W x D)**

39.4 cm x 46.0 cm x 20.0 cm (15.5 in. x 18.1 in. x 7.87 in.)

■ **Weight**

5.8 kg (12.8 lb), without silica gel desiccant

· The appearance and specification of the product may be changed without prior notice for the improvement of the product