



# AIRLINE SAR

Industrial Respiratory Protection Systems

For applications where continuous flow, low or high pressure air is available.

Vortex tubes allow user to cool or heat temperature inside helmet systems +/- 20-25° F. Multiple lightweight headtops, including welding. Headtops can interchange with PureFlo HYDRA® PAPR.

## KEY FEATURES:

- Low profile
- Lightweight
- NIOSH approved
- Headtops offering:
  - ANSI eye/face protection, Z87.1-2010 Hi Impact
  - ANSI head protection in, Z89.1-2009 + Type 1, Class G
  - Welding helmet option with large 4 x 5 lens; two lens options shades 5, and 9-13 passive
  - Fixed or lift front visor
  - Quick Release Suspension for easy cleaning
  - Flame Resistant (FR) Neck Cape
  - APF 1000
- High or low pressure airline option
- Vortex cooling and heating tubes
- Helmet can be converted to powered air-purifying respirator (PAPR)



Industrial



Welding

## SPECIFICATIONS

### APPROVALS

### PureFlo Airline

System Classification	Supplied Air Respirator (SAR)
Head Protections	ANSI/ISEA Z89.1-2009, Type 1, Class G
Colors	Black, White, Yellow and Hi Viz Green
Face-Shield/Eye Protection	ANSI/ISEA Z87.1-2010 Hi Impact
Respiratory	NIOSH 42CFR84
Filter Type	N/A
Initial Design Flow Rate	>6 CFM (1704 min) >170 Liters/Min
Weight	Headtop 2.5 lbs
Assigned Protection Factor (APF)	1000 APF
Head Size Range	6 3/8"-7 7/8" or 54-61 cm

## AIRLINE SAR

### Configurations

The PureFlo Airline SAR is configurable for use in a wide variety of applications. First choose your headtop platform, then the options and accessories for your particular needs.

(Choose Your Headtop)



**PureFlo**

Developed for general industrial environments.



**PureFlo Pureweld**

Developed for welding-fume protection.

**STANDARD  
COMPONENT**



**Down Tube**

(Choose One Option)

**Low Pressure Flow Adapter**  
(Less than 15 PSI)



(Standard with Above)



**Low Pressure Hose**  
(25, 50, or 100')



**Portable Low Pressure  
Ambient Air Pump**

**High Pressure Valve**  
(15-20 CFM @ 65-85 PSI)



(or)



(or)



**High Pressure  
Flow Control Valve**  
(15-125 PSI)

**Air Cooler**  
(16-25 PSI)

**Air Temperature  
Controller**  
(Hot/Cold)

(Standard  
with all  
Options  
Above)



**Filter Panel**



**High Pressure Hose**  
*Coiled or Straight Available*  
(25, 50, or 100')

**GENTEX®**  
CORPORATION

### Contact Us

Gentex is committed to designing innovative industrial safety solutions that protect people from immediate and long-term health and safety hazards present in their work environments, while enhancing workplace performance. Contact us today for more information on PureFlo and our full line of industrial safety solutions.

**PureFlo**

324 Main Street

Carbondale, PA 18407

Tel: 570.282.3550

Fax: 570.282.8555

[www.gentexcorp.com/pureflo/us](http://www.gentexcorp.com/pureflo/us)