

ARAP RESPIRATORS

Technology that saves time™



ARAP Escape with AirHood

ISI's ARAP line of type-C respirators include the ARAP-C and the ARAP-Escape. The ARAP-C includes a facepiece, DEV, and harness assembly. It is used in conjunction with ISI's AS1 mobile air system or cascade systems.

The ARAP-E has the same assembly as the ARAP-C but is also equipped with a 5, 10 or 15 minute escape cylinder for maximum escape safety margin. Both are available with either a Nylon or Kevlar® harness.

Both ISI ARAP units are NIOSH approved and deliver over 500 lpm flow rates. The 5 minute cylinder on the ARAP-E is rated 2216 psi and the 10 and 15 minute cylinders are rated at 3000 psi. The quick change cylinder allows users to change from a 5 minute cylinder to a 10 or 15 minute cylinder. Simply unplug one cylinder and plug in the new cylinder. With a choice of cylinder durations, workers can enter an IDLH atmosphere with confidence that there is ample time to escape.

The ARAP line is available with a choice of facepieces: the AirHood, the AirSwitch® facemask, or a standard facemask. The new AirHood is a positive pressure hood that allows users with facial hair or glasses to enter an IDLH atmosphere and still comply with OSHA standards. The AirHood has a hard polycarbonate visor that allows for a distortion free viewing area. The sealing surface of the AirHood is around the neck area and is adjustable to two different sizes. ISI's new CDV (Compact Demand Valve), used in conjunction with the AirHood, uses a pilot jet valve that can be serviced in minutes. It has only two moving parts and can be easily repaired or replaced.

The CDV is a high flow regulator that delivers over 500 liters per minute with less breathing resistance. This rate far exceeds the NIOSH and NFPA breathing rates. The CDV's size provides an unobstructed view through the the hood.



With the AirSwitch, the second stage regulator is integrated into the facemask, and the facemask has a hose that attaches to the cylinder pressure reducer. There is no docking required. Plug the facemask hose into the ARAP hose, connect to a supplied air source that has grade D air at a pressure between 80 to 120 psi, and don the facemask. It's that simple to use.

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The AirSwitch facemask is available in three different sizes to accommodate all wearers. The integrated regulator has an ambient AirSwitch which allows users the ability to switch from cylinder air to ambient air without removing the facemask. The visor is available in a single curve, where peel-offs can be attached, or a double curve visor that is distortion free.



**ARAP-C
with AirSwitch**

The standard single curve facemask for the ARAP also uses the CDV design. It comes in two sizes with a four point harness assembly.

The ISI ARAP is simple to use and maintain. ISI is committed to creating time saving products that exceed customer expectations. We're also #1 in training. ISI personnel and ISI certified distributors train in-house or on site. And, we can proudly say, our service is second to none.



Cylinder Specifications

	5 minute	10 minute	15 minute
Weight	9lb	11.5lb	13lb
Cylinder Pressure	2216 psi	3000 psi	3000 psi
Range	Airline Hose to 300 ft.		

When ordering the ARAP, please specify Kevlar or Nylon Harness, type of facepiece and attachment coupling (Foster, Hansen or Schrader).



AS1 SINGLE

ISI's AS1 is a modular, mobile air supply for airline-equipped SCBA or Type C respirators with escape cylinders. Available in pressure ratings of 2216, 3000 or 4500 psi. Call your local distributor or ISI for more information. 888-ISI-SAFE



International Safety Instruments, Inc.

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