

Suit Airline Products with Communication



- Breathe, Cool & Communicate in your suit - All in one!
- Simplified cable and hose management.
- One assembly improves worker safety!
- Customized for use with Nuclear Hoods, disposable and dry cleanable suits.
- Booted connectors ease decontamination.

1-800-665-2740
www.sed.bz



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The following Hoses and Air/Communication Assemblies form part of a suit system that provides protection to personnel working in radioactively contaminated environments typical of nuclear generating stations. Standard Air Supply products may be produced with performance criteria differing from these which feature:

- Combined Air/Communications Connectors with protective boots.
- Electrical Connectors: *Cannon XLR-3*
- Compatibility: *2 or 3 Wire Headsets*
- Air Fittings: *Hanson 2RL style*
- Air Flow @ 75psig: *28scfm (13.2L/sec)*
- Working Pressure: *115 psi*

COMBINED AIR/COMMUNICATION ASSEMBLY with BOBBIN

The B3ACA Assembly uses the Bobbin to connect the Combined Air/Communications Hose to the suit interface fitting. Typically used on MKIII or MKIV reusable plastic suits in use at CANDU Nuclear Stations. The assembly splits the 3-wire electrical connection away from the combined fitting.



COMBINED AIR/COMMUNICATION HOSES

Hoses in lengths up to 50' connect field workers wearing plastic suits such as those used in the CANDU Nuclear Reactor plants to wall mounted air headers.



B.A.S. WIRING ASSEMBLY

Wiring Assembly for Breathing Air Station connects to permanent plant wiring. (To Print)



AIR HEADER

Connects Combined Air/Communication Hoses to station air (with or without circuitry).

RAM'S HORN AIR SUPPLY

Air supply used with nuclear hoods and disposable suits. Neck straps support the Ram's Horn at the correct height to provide cooling and breathing air. Airline is supported by attached belt.

Air flow: *3.0 L/sec @ 72.5psig*
Noise Level: $\leq 75dBA$



COOLING AIR HARNESS

Air Harness provides critical cooling air for personnel in hot environments as well as breathing and/or purging air while wearing disposable suits.

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