



Air Distribution & Communication for Disposable Suits

The following products form part of a suit system that provides protection to personnel working in radioactive environments, which is typical of nuclear power generating stations. They all adhere to the standards mentioned below:

Electrical Connector Style: Canon® XLR 3
Air Connector Style: Hansen® 2RL
Air Flow @ 75psig: 28scfm (13.2L/sec)

Working Pressure: 125lbs @ 68°F
Electrical Compatibility: 2 or 3 Wire Headsets

HOSES

- Core Tube is made from FDA approved food grade material
- Rubberized moldings make it rugged & easy to decontaminate
- High abrasion resistance
- A super-tough SEDFLEX™ G-14 Jacket ensures product longevity while minimizing wear and tear
- Good chemical resistance to acids and alkalis



Combined Air/Communication™ Hose (B3H)

Available Lengths: 2-100ft
Supplies breathing and cooling air



Breathing Air Hose (B0H)

Available Lengths: 2-100ft
Supplies breathing and cooling air as well as a connection for Headsets - All in One!

ASSEMBLIES

- Swivel termination at suit fitting allows assembly to align itself to the direction of the Hose
- Rubberized moldings make it rugged & easy to decontaminate
- Easy-grip design makes disconnection easier



**Combined Air/Communication™
Assembly (B3ACA)**



Bobbin



**Air Distribution Assembly
(B0ACA)**



Glove Rings (Small or Large)

- Supplies breathing and cooling air as well as connection for communication headsets – All in One!
- Copper and brass header, or optional stainless steel

Multi-Station Combined Air/Communications™ Header

- Supplies breathing and cooling air as well as connection for communication headsets – All in One!
- Copper and brass header, or optional stainless steel



Cooling Air Harness (CAH-02)

- Supplies cool breathing air as well as connection for communication headsets (Optional)
- Made of high-performance materials i.e., PVC on nylon scrim
- Elasticized straps secure the harness to the person
- Customized for use with disposable suits
- No modifications are required to the existing suit



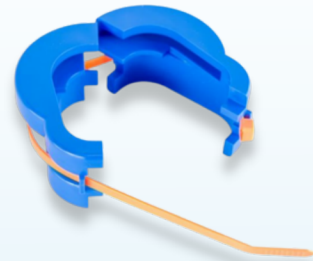
Air Header Installation Wiring Assembly



- Connects the Breathing Air Station (BAS) to permanent plant wiring
- Terminated with a hermetically sealed connector for connection to air/communication header box
- Other end is terminated with a conduit box connector for octagonal wiring box (wall-mounted).

HEADER LOCK

- Designed to lock Hoses/Whips to the Air/Communication™ Header
- High-Viz Tie provides visual tampering evidence
- Substantially extends life of all equipment



Ram's Horn Air Supply (B3R)

- Used with nuclear hoods and disposable suits to supply breathing air
- Made with lightweight material
- Neck straps and a belt provide positional stabilization
- Cool breathing air is easily distributed to the head area

Air Flow: 3.0L/sec @72.5psig
Noise Level: <= 75dBA