



# Cooling Air Harness

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



#### COOLING AIR HARNESS:

Size	Height, shoulder to ankle. One size fits all.
Attachment Straps	At wrists and ankles, weight rests on shoulders
Material	Elasticized strap, fastening Male and Female dome snaps
3 adjustment sizes (unstretched)	
To Harness Dome fastener to permit cleaning & replacement	

#### HARNESS AIR CHANNELS:

Materials	PVC coated nylon scrim, both sides
Weight	250-500 g/m <sup>2</sup>
Air Dispersion Method	Air Dispersion Method -- 1 row of holes inner surface only to provide cooling
Working Pressure	70 psig
Air Flow (Design Requirement)	Through Full Air Harness, 28 +/- 2 scfm @ 75 +/- 5 psig

#### CONNECTION HOSE:

Size	1 cm (3/8") ID, 2 cm (1.5") OD
Length	56 cm
Jacket Imprint	Goodyear "Ortac"
Hose Material working pressure	200 psig, nominal
Hose Colour	Red

#### CONNECTOR, AIR ONLY:

Type -- Hanson (Model #2L22), Male

#### NOISE LEVEL:

Measurement Method	Not more than 85dB Supplied with air at 75 psig @ Harness suspended vertically with arm extensions hanging free Meter to be placed 50 cm on the horizontal plane of the chest piece
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#### CONNECTOR, COMBINED AIR/COMMUNICATIONS, if so equipped:

SED Specification	S-1010 Male Air Plug Insert, S-1012 Socket Air/Communication Connector S-1013 Molded Component
Colour	Black
Air Fitting Type	Hansen 2RL compatible per SED #CN0005A3, Male #200109-2
Material	Stainless Steel
Electrical Fitting Type	Male: Cannon XLR-3-12C insert or equivalent Female: Cannon XLR-3-11C
Conductors	3
Boot Colour	Red

[www.sed.bz](http://www.sed.bz)

Model numbers:  
CAH-03 Breathing Air Only Cooling Harness  
CAH-01 Combined Breathing & Communication Cooling Harness

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