

RT3 Hood Competitive Comparison















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Manufacturer	Bullard	3 M	3M	3M	North	North	Scott	MSA	MSA	MSA	Comments
Model	RT3	BE-10	H-410	H-420	85302T	85302TB	FH22	10083383	10083384	Versa Series	
NIOSH Approved for PAPR	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Hoods that are NIOSH approved for both SAR and PAPR make managing training and inventory simpler and more effective.
NIOSH Approved for SAR	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	
Lens Size (Approx)	135 sq in	81 sq in	74.25 sq in	74.25 sq in	74.25 sq in	74.25 sq in	76.25 sq in	108.75 sq in	108.75 sq in	70.75 sq in	Larger viewing lens decreases feelings of claustrophobia and improves vision and safety.
Headband Required by NIOSH	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	The freedom to work without a headband improves comfort, productivity, and compliance while lowering replacement costs.
Air Delivery	Patented 3-Channel distribution over the top and down the lens to the breathing zone	None - Air flows directly into the rear of the head	Single channel distribution over the top and down the lens	Single channel distribution over the top and down the lens	Over the top via an internally mounted breathing tube	Over the top via an internally mounted breathing tube	None - Air flows directly into the rear of the head	To the side by the ears	To the side by the ears	To the side by the ears	Over the top air delivery decreases the possibility of drying out eyes or nasal passages while blowing across the lens eliminates potential fogging.
Neck Seal	Sport Nylon Neck Cuff	Braided Elastic	Cotton Turtleneck	None	Tychem Covered Elastic	Tychem Covered Elastic	Drawstring	None	None	Cotton Turtleneck	Tychem® covered elastic can be irritating to wearers. No neck seal can contribute to poor protection factors and drawstrings can be unreliable, uncomfortable and inconsistent.
Saranex® Coating Available	Yes - RT4	No	Yes - H-610	No	Yes - 85302S	Yes - 85302SB	No	Yes - 10083381	Yes - 10083382	Yes - 10041550 (Optimair HC PAPR Only)	Many applications require Saranex coating for protection.
Sealed Seams Available	Yes - RT4	No	No	No	Yes - 85302S	Yes - 85302SB	No	Yes - 10083381	Yes - 10083382	Yes - 10041550 (Optimair HC PAPR Only)	Hoods worn in applications requiring Saranex coating should be accompanied by sealed seams.
Outer Bib Length	18"	18"	13"	13"	13"	13"	12"	8"	8"	13"	Long outer bibs not only keep coveralls cleaner but improve the protective batterier provided by the hood.
Inner Bib	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	No	Inner bibs are essential to providing the highest protection factors achievable.
Climate Control Options (SAR Only)	Cool Tubes and Hot/Cool Tubes	Cool Tubes and Hot/Cool Tubes	Cool Tubes and Hot/Cool Tubes	Cool Tubes and Hot/Cool Tubes	Cool Tubes and Hot/Cool Tubes	Cool Tubes and Hot/Cool Tubes	No	No	No	Cool Tubes and Hot/Cool Tubes	Cool tubes can improve worker comfort by approximately 30 degrees therefore reducing heat stress and improving productivity and compliance.
3rd Party Independent 1000 APF	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	No	Required to be scientifically valid and legally defensible.