



3M™ Scott™ AV-3000 HT

Feature		Benefit
Top Down Convertibility	Designed for Top-Down Convertibility (TDC) to support a broad range of Scott respirators, including SCBA, APR and PAPR.	With Top Down Convertibility, a single facepiece, with a single fit-test, can be used for NFPA, CBRN and NIOSH respirators. Having one facepiece approved with multiple respirators reduces fit testing, inventory cost, and training for lower cost of ownership.
SureSeal System	Features the SureSeal System - a reverse reflex designed face seal that consists of a front edge, a rear edge sealing surface and a mounting surface.	The unique facesal design maintains a continuous circumferential seal around the face and allows the facepiece to flex with every move, resulting in greater comfort and reliable fit.
High Performance Lens and Bezel	New high performance materials in lens and bezel.	The AV-3000 HT Facepiece meets the rigorous requirements set forth in the 2013 edition of the NFPA 1981 standard for high heat and flame and radiant heat by utilizing new proprietary lens and bezel materials. These new materials provide enhanced thermal durability and enhanced wearer safety by ensuring the facepiece stays positive when exposed to the heat and flame loads measured under NFPA 2013.
Redesigned Ducts	With redesigned ducts and nose cup, and repositioned voicemitter, the AV-3000 HT Facepiece meets all voice intelligibility requirements outlined in the 2013 Edition of the standard.	The AV-3000 HT Facepiece provides outstanding performance for voice intelligibility, with and without communication devices attached. It exceeds the mechanical measurement requirement outlined in the standard, and uses two voicemitters to provide a sphere of intelligibility to those around the wearer, not just the individuals directly in front of the respirator wearer.
Redesigned (open) Brackets and New Mounting Options	Redesigned brackets with more robust attachment to the facepiece can be installed on either the right or left side of the facepiece.	The AV-3000 HT Facepiece enables right or left side mounting of 3M Scott's EPIC 3 voice amplifiers to provide user choice. The robust bracket attachment virtually eliminates accidental detachment for enhanced wearer safety.
High Visibility Inhalation Valves	High visibility inhalation valves in the nose cup.	The AV-3000 HT Facepiece utilizes high visibility inhalation check valves for easy inspection and added safety.
Kevlar Head Harness	Kevlar head harness , available in both a 4-strap and 5-strap configuration, offers a wide low profile seal for ease of donning.	For proper and quick donning, a grab handle (4-strap) or positioning tab (5-strap) is located on the back of the head harness. The small Kevlar head harness also eliminates bunching and discomfort under helmets. A wide, low profile seal offers a more robust landing area for hoods.

Backward Compatibility	The AV-3000 HT Facepiece is approved on all 2002 and 2007 Edition 3M Scott Fire & Safety AP Fifty, AP75, NxG2 and NxG7 SCBA respirators.	2002 and 2007 Ed. customers are able to take advantage of the features and benefits of the AV-3000 HT by using the new facepiece with their SCBA.
Forward Compatibility	The AV-3000 HT Facepiece is approved with all 3M Scott 2013 Edition Air-Pak SCBA.	Customers who purchase the AV-3000 HT Facepiece to use with their 2002 or 2007 Ed. Air-Paks will not need to purchase new facepieces if they decide later to upgrade to the 2013 Edition Air-Paks.



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