



## QUEST-ASV

The Automatic Switch Valve (ASV) switches the airline/cascade hose supply of breathable air to the SCBA breathing air cylinder supply in the event of an interruption or failure of the hose supply.

When the automatic switch over occurs, an automatic audible alarm (whistle) sounds to alert the wearer they are now being supplied by breathing quality air from the SCBA cylinder.

# QUEST-ASV

### TECHNICAL SPECIFICATIONS

Face mask positive pressure	1.7 to 5.9 mbar
Demand valve peak flow rate	>500 litres/min <sup>-1</sup>
Approximate weight	9.5 kg (less face mask)
Airline/cascade medium air supply pressure	8 to 10 bar

### THERMAL OPERATIONS

Storage temperature	+4°C to +30°C
Operation temperature	-40°C to +70°C
<i>-40°C when Winter Cover fitted and stored prior to use in accordance with Cam Lock stated range of storage temperatures</i>	
Maximum humidity	95%

### MATERIALS SPECIFICATIONS

Item	Materials
Harness assembly	Kevlar/Nomex flame resistant material
Tubular backframe	316 Stainless Steel
Medium pressure hose	Reinforced EPDM
High pressure hose	Stainless Steel braiding c/w PTFE liner and Polyester outer sleeve
Pigtail hose plug connector	Rectus (CEJN pattern), Foster, Hansen and Stäubli

### CERTIFICATIONS & APPROVALS

CE 2797, UKCA 0086, EN 137:2006 & BMP 779942, AS/NZS 1716:2012  
 EN 137:2006 Type 1 – Industrial



FAST-cowl



FAST-mask



EN 144-1 Connection



Automatic Switch Valve (ASV)



Pigtail hose connects to airline/cascade supply hose



Demand Valve Regulator Purge Button

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