



3M™ Speedglas™ with Supplied Air Respiratory Protection

3M™ Fresh-air II Supplied Air System with 3M™ Speedglas™ Helmet 9000 HWR

The NIOSH-approved supplied air (SA) 9000 system provides respiratory protection from airborne particulates and gases. The lightweight, belt-mounted valves permit the welder to adjust the temperature of the air entering the headpiece $\pm 45^\circ$, making it ideal for very hot or strenuous jobs.



- Cool-air valve permits welder to lower the temperature of the supplied air by up to 45°F (25°C).
- Temp-air valve allows either cooling or warming of the supplied air $\pm 45^\circ\text{F}$ from the supplied air temperature.



Valve Model	CFM Required	CFM Delivered	Pressure Range (psig)	Max. # of Hoses/Length*
Cool-air	12-25	6-15	70-105	4 hoses/100'
Temp-air	12-25	6-15	85-110	4 hoses/100' **

*Indicates maximum number of hoses and maximum total length.

**Temp-air valve is approved for use with breather hose only.



Note: Final determination of respirator applicability and filter selection must be made by an on-site safety specialist or industrial hygienist.

Note: Because faceshields and welding shields can be raised from the normal position ANSI Z87.1-2003 states that safety spectacles or goggles must be used in conjunction with these respirators.