



**Mine Safety Appliances Company
Pittsburgh, Pennsylvania, USA
1-800-672-2222**

OPTIMAIR 6HC PAPR RESPIRATOR

THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

RESPIRATOR COMPONENTS												
TC-	PROTECTION ¹	HOOD ASSEMBLY	FACEPIECE ASSEMBLY	FACEPIECE ADAPTER ASSY.	ALTERNATE BELT ASSY	CARTRIDGE	BREATHING TUBE, HOOD	ALT. FACEPIECE BREATHING TUBE ASSEMBLY		BATTERY	MOTOR BLOWER	CAUTIONS AND LIMITATIONS ²
		HOOD ASSY, SARANEX, SHOULDER LENGTH	ADVANTAGE 3100 SERIES SM / MED / LRG	FACEPIECE ADAPTER ASSY.	BELT	OPTIFILTER HC	BREATHING TUBE, HOOD	BREATHING TUBE ASSEMBLY, FACEPIECE	BREATHING TUBE ASSEMBLY, FACEPIECE	BATTERY MODULE	MOTOR BLOWER ASSEMBLY	
		10041551	3100	96547	7-977-1 9961	10042445	481980	492197	486364	10041488	10041489	
23C-2201	HE/CL/SD/HC/HF/HS(esc)	X			X	X	X			X	X	ABCFHJILMNOP
23C-2209	HE/CL/SD/HC/HF/HS(esc)		X	X	X	X		X	X	X	X	ABCFHJILMNOP

1. PROTECTION

HE - High Efficiency Particulate Air filter for powered, air-purifying respirators

- CL: Chlorine
- SD: Sulfur dioxide
- HC: Hydrogen chloride
- HF: Hydrogen fluoride
- HS: Hydrogen sulfide (escape)

2. CAUTIONS AND LIMITATIONS

- A- Not for use in atmospheres containing less than 19.5 percent oxygen.
- B- Not for use in atmospheres immediately dangerous to life or health.
- C- Do not exceed maximum use concentrations established by regulatory standards.
- F- Do not use powered air-purifying respirators if airflow is less than four cfm (115 lpm) for tight fitting facepieces or six cfm (170 lpm) for hoods and / or helmets.
- H- Follow established cartridge and canister change schedules or observe ESLI to ensure that cartridges and canisters are replaced before breakthrough occurs.
- I - Contains electrical parts which have not been evaluated as an ignition source in flammable or explosive atmospheres by MSHA / NIOSH
- J- Failure to properly use and maintain this product could result in injury or death.
- L- Follow the manufacturer's User's Instructions for changing cartridges/and or filters.
- M- All approved respirators shall be selected, fitted, use, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
- N- Never substitute, modify, add, or omit parts. Use only exact replacement parts as specified by the manufacturer.
- O- Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- P- NIOSH does not evaluate respirators for use as surgical masks.

CONTROL BOX
Mat. 10041484
Doc. 1000014840
REV 1 6/23/03
OPTIMAIR 6HC PAPR
Pmnt. Spec. 10000005412
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