



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										CAUTIONS AND LIMITATIONS ²
TC-	PROTECTION ¹	HOOD ASSEMBLY	ALTERNATE BELT		CARTRIDGE	BREATHING TUBE, HOOD	BATTERY	MOTOR BLOWER		
		HOOD ASSY, SARANEX, SHOULDER LENGTH	BELT ASSEMBLY	BELT ASSEMBLY	OPTIFILTER HC PAPR CARTRIDGE	BREATHING TUBE, HOOD	BATTERY MODULE	MOTOR BLOWER ASSEMBLY		
		10041551	7-977-1	9961	10042445	481980	10041488	10041489		
23C-2201	HE/CL/SD/HC/HF/HS(escape)	X	X	X	X	X	X	X		ABCFHJLMNOP

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 ESLU 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. 10000014840
REV 0 5/14/2003
OPTIMAIR 6HC PAPR
Pmt. Spec. 10000005412
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