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

OPTIMAIR 6A RESPIRATOR

THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

TC-	PROTECTION [1]	RESPIRATOR COMPONENTS																																																																																											ACCESSORIES																															CAUTIONS AND LIMITATIONS [2]
		ALTERNATE FACEPIECE																																			HOOD ASSY.			ALTERNATE PAPR CARTRIDGES														BREATHING TUBE, HOOD	ALTERNATE BREATHING TUBE		ADAPTER. ASSY.	MOTOR BLOWER	ALTERNATE BATTERY					ALTERNATE BELT							CAP	INLET COUPLING	CAP, BAYONET	ALTERNATE NOSECUP											FLOW CHECK ADAPTER	FLOW CHECK INDICATOR	CHARGER	CHARGER DUAL RATE	ALTERNATE SPECTACLE KIT				ALTERNATE WELDING ADAPTER			ALTERNATE COVER LENS								ALTERNATE COMMUNICATION									COVER, ESP UE	OUTSERT ASSY., ADVANTAGE 1000	OUTSERT ASSY., SM /MED/ LG, MILLENNIUM	ADAPTER ASSY, MILLENNIUM	HOOD, GAS MASK, MILLENNIUM	SLEEVE, CARTRIDGE THREAD	COVER	
		COMFO SINGLE EXH. MED	COMFO SINGLE EXH. SM	COMFO SINGLE EXH. LG	COMFO CHEEK STYLE MED	COMFO CHEEK STYLE SM	COMFO CHEEK STYLE LG	ULTRAVUE, SINGLE EXH. MED	ULTRAVUE, SINGLE EXH. SM	ULTRAVUE, SINGLE EXH. LG	DUO-TWIN CF MED	DUO-TWIN CF SM	DUO-TWIN CF LG	DUO-TWIN D/PD MED	DUO-TWIN D/PD SM	DUO-TWIN D/PD LG	ULTRAVUE D/PD MED	ULTRAVUE D/PD SM	ULTRAVUE D/PD LG	ULTRAVUE SING. EXH. MMPAPR MED	ULTRAVUE SING. EXH. MMPAPR SM	ULTRAVUE SING. EXH. MMPAPR LG	DUO-TWIN PD MED	DUO-TWIN PD SM	DUO-TWIN PD LG	ULTRA ELITE DEMAND, MED	ULTRA ELITE DEMAND, SM	ULTRA ELITE DEMAND, LG	ULTRA ELITE DEMAND, HYCAR, MED	ULTRA ELITE DEMAND, HYCAR, SM	ULTRA ELITE DEMAND, HYCAR, LG	ADVANTAGE 1000, MED	ADVANTAGE 1000, SM	ADVANTAGE 1000, LG	MILLENNIUM, MED	MILLENNIUM, SM	MILLENNIUM, LG	ADVANTAGE 3100 SERIES SM / MED / LRG	HOOD ASSY, TYVEK, WAIST or SHOULDER TYPE	HOOD ASSY, SARANEX, WAIST OR SHOULDER	HOOD ASSY, TYCHEM QC, SINGLE BIB	PAPR TYPE H FILTER CARTRIDGE	PAPR TYPE H FILTER CARTRIDGE	GMA PAPR CARTRIDGE	GMA-H PAPR CARTRIDGE	GMB PAPR CARTRIDGE	GMB-H PAPR CARTRIDGE	GMC PAPR CARTRIDGE	GMC-H PAPR CARTRIDGE	GMD PAPR CARTRIDGE	GMD-H PAPR CARTRIDGE	MERSORB-H PAPR CARTRIDGE	GMI-H PAPR CARTRIDGE	GMHF-H PAPR CARTRIDGE	CS / CN PAPR CANISTER	BREATHING TUBE, HOOD	BREATHING TUBE	BREATHING TUBE	COUPLING NUT ADAPTER	MOTOR BLOWER ASSEMBLY	BATTERY	BATTERY	BATTERY	BATTERY	BATTERY	BELT ASSY	BELT ASSY	BELT ASSY	BELT ASSY SMALL	BELT ASSY MEDIUM	BELT ASSY LARGE	BELT ASSY X-LARGE	CAP, THREADED, SEAT	INLET COUPLING	CAP ASSEMBLY, INLET RIOT CONTROL, BAYONET	NOSECUP, MED, HYCAR, ULTRAVUE	NOSECUP, SM, HYCAR, ULTRAVUE	NOSECUP, LG, HYCAR, ULTRAVUE	NOSECUP, SM, MED, LG, SILICONE, ULTRAVUE	NOSECUP, SM, MED, LG, ULTRA ELITE	NOSECUP ASSY., ADVANTAGE 1000, MED, BLACK	NOSECUP ASSY., ADVANTAGE 1000, MED, BEIGE	NOSECUP ASSY., ADVANTAGE 1000, SM, BLACK	NOSECUP ASSY., ADVANTAGE 1000, SM, BEIGE	NOSECUP ASSY., ADVANTAGE 1000, LG, BLACK	NOSECUP ASSY., ADVANTAGE 1000, LG, BEIGE	FLOW CHECK ADAPTER	FLOW CHECK INDICATOR	CHARGER	CHARGER DUAL RATE	SPECTACLE KIT, ULTRAVUE	SPECTACLE KIT, ULTRA ELITE	SPECTACLE KIT, ULTRA ELITE	SPECTACLE KIT, ADVANTAGE	ADAPTER, WELD MASK, INTEGRAL	ADAPTER, WELD. MASK, CLIP TYPE	WELDER'S ADAPTER, CLIP TYPE	COVER LENS, CLEAR, ULTRAVUE	COVER LENS, SMOKE, ULTRAVUE	LENS COVER, ULTRA ELITE SMOKE	LENS COVER, ULTRA ELITE CLEAR	LENS, COVER CLEAR, ADVANTAGE 1000	LENS COVER SMOKE, ADVANTAGE 1000	LENS, COVER, CLEAR, ADVANTAGE 3000	LENS, COVER, SMOKE, ADVANTAGE 3000	VARI CLEAR COMM. SYSTEM	CLEARCOM V COMM. SYSTEM	VARI CLEAR PER., COMM. SYS. ULTRA ELITE	ESP, AMPLIFIER	AMPLIFIER ESP, ULTRA ELITE	AMPLIFIER, ES, ADVANTAGE 1000	MICROPHONE / VOICEMITTER ADVANTAGE 1000	AMPLIFIER, ESP, MILLENNIUM	VOICEMITTER / MIC-MITTER ASSY, MILLENNIUM	COVER, COMMP. HSG, DEMAND ULTRA ELITE	OUTSERT ASSY., ADVANTAGE 1000 SM /MED/ LG	OUTSERT ASSY., SM /MED/ LG, MILLENNIUM, CLEAR OR TINTED	ADAPTER ASSY, ESP GAS MASK, MILLENNIUM	HOOD, GAS MASK, MILLENNIUM	SLEEVE, CARTRIDGE THREAD	SPARK COVER	
		7-476-1	7-476-2	7-476-3	7-727-1	7-727-2	7-727-3	7-203-1	7-203-2	7-203-3	7-708-1	7-708-2	7-708-3	7-752-1	7-752-2	7-752-3	7-753-1	7-753-2	7-753-3	7-842-1	7-842-2	7-842-3	7-1049-1	7-1049-2	7-1049-3	7-934-1	7-934-2	7-934-3	7-934-1C	7-934-2C	7-934-3C	7-1293-1	7-1293-2	7-1293-3	10006231	10006232	10006233	3100	7-960-1	10041551	7-2167-1	487807	495692	800388	800383	800387	800381	494222	494228	494223	494224	803516	494226	802794	10012164	481980	486364	492197	96547	7-900-1	491120	486362	463239	816884	10041488	7-977-1	9961	473902	10002088	10002089	10002090	10002091	637088	10012413	813341	471540	471539	471541	5-393-1	7-901-1	805125	805126	805127	805128	805129	805130	491046	487995	463471	486338	454819	804638	493581	816137	470786	472859	806482	456975	480326	805456	491500	813832	813833	10029294	10031176	496917	474500	806168	811737	7-1605-1	805074	805350	804013	10008791	817375	5-939-1	10000002350	808497	10009083	10030930	10068152	
14G-0258	HE/CS/CN																															X	X	X	X	X	X	X																	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X						X	X	X	X	X	X					X			X								X	X	X	X						X	X	X	X		X	X	X	X	X		ABCFIJLMNOP
21C-0512	HE							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X														X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ABCFIJLMNOP
23C-1262	OV							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X													X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNO
23C-1263	HE/OV							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOP
23C-1315	CL/HC/SD/CD/HS(escape)							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X											X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNO
23C-1316	HE/CL/SD/HC/CD/HS(escape)							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X										X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOP
23C-1054	OV/CL/HC/SD/CD							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										X									X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNO
23C-1056	HE/OV/CL/HC/SD/CD							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X											X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOP
23C-1055	AM/MA							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												X							X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNO
23C-1058	HE/AM/MA							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOP
23C-1365	HE/MV/CL							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X														X					X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOPS
21C-0631	HE							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X															X				X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNO
23C-1420	HE/HF							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																X			X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		ABCFHIJLMNOP
21C-0513	HE	X	X	X	X	X	X																																			X	X														X	X		X	X	X	X	X	X	X	X	X	X	X	X	X																																																						X	X	ABCFIJLMNOP
23C-1256	OV	X	X	X	X	X	X																																					X													X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																			X		ABCFHIJLMNO
23C-1257	HE/OV	X	X	X	X	X	X																																						X												X	X		X	X	X	X	X	X	X	X	X	X	X	X	X																																																			X		ABCFHIJLMNOP
23C-1312	CL/HC/SD/CD/HS(escape)	X	X	X	X	X	X																																							X											X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																			X		ABCFHIJLMNO
23C-1313	HE/CL/HC/SD/CD/HS(escape)	X	X	X	X	X	X																																								X										X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																			X		ABCFHIJLMNOP
23C-1250	OV/CL/HC/SD/CD	X	X	X	X	X	X																																									X									X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																			X		ABCFHIJLMNO
23C-1252	HE/OV/CL/HC/SD/CD	X	X	X	X	X	X																																										X								X	X		X	X	X	X	X	X	X	X	X	X	X	X	X																																																		X		ABCFHIJLMNOP
23C-1251	AM/MA	X	X	X	X	X	X																																											X							X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																		X		ABCFHIJLMNO
23C-1254	HE/AM/MA	X	X	X	X	X	X																																												X						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X																																																		X		ABCFHIJLMNOP
23C-1364	HE/MV/CL	X	X	X	X	X	X																																													X					X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																	X		ABCFHIJLMNOPS
21C-0603	HE	X	X	X	X	X	X																																														X				X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																	X		ABCFIJLMNOP
23C-1419	HE/HF	X	X	X	X	X	X																																															X			X	X		X	X	X	X	X		X	X	X	X	X	X	X																																																	X		ABCFHIJLMNOP
21C-0516	HE																																						X	X	X	X	X													X				X	X	X	X	X	X	X	X	X	X	X	X	X															X	X	X	X																																	X	X	ABCFIJLMNOP

1. PROTECTION

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

AM - AMMONIA
CD - CHLORINE DIOXIDE
CL - CHLORINE
CN- CHLOROACETOPHENONE
CS - CHLOROBENZYLIDENE MALONONITRILE
HC - HYDROGEN CHLORIDE
HF - HYDROGEN FLUORIDE
HS(escape) - HYDROGEN SULFIDE (escape)
MA - METHYLAMINE
MV - MERCURY VAPOR
OV - ORGANIC VAPORS
SD - SULFUR DIOXIDE

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 that may cause an ignition in flammable or explosive atmospheres.
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, canister and/or filters.
M- All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
N- Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration 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.
S- Special or critical user's instructions and/or specific use limitations apply. Refer to User's Instructions before donning.

CONTROL BOX
Mat. 816882
Doc. 10000007301
REV 16 11/26/07
OPTIMAIR 6 A RESP.
Prnt Spec. 10000005412
A
TAL 12-12-07