

3M Airstream™

High Efficiency Powered Air Purifying Respirator System AS-400LBC and AS-600LBC



Features & Benefits

- Lightweight and well-balanced
- All-in-one design : hardhat, faceshield and respirator
- Wide field of vision
- Intrinsically safe (AS-400, AS-600)
- Available with miner's lamp bracket (AS-600)
- High efficiency filter
- ANSI approved hardhat and faceshield
- Anti-fog scratch-resistant visor

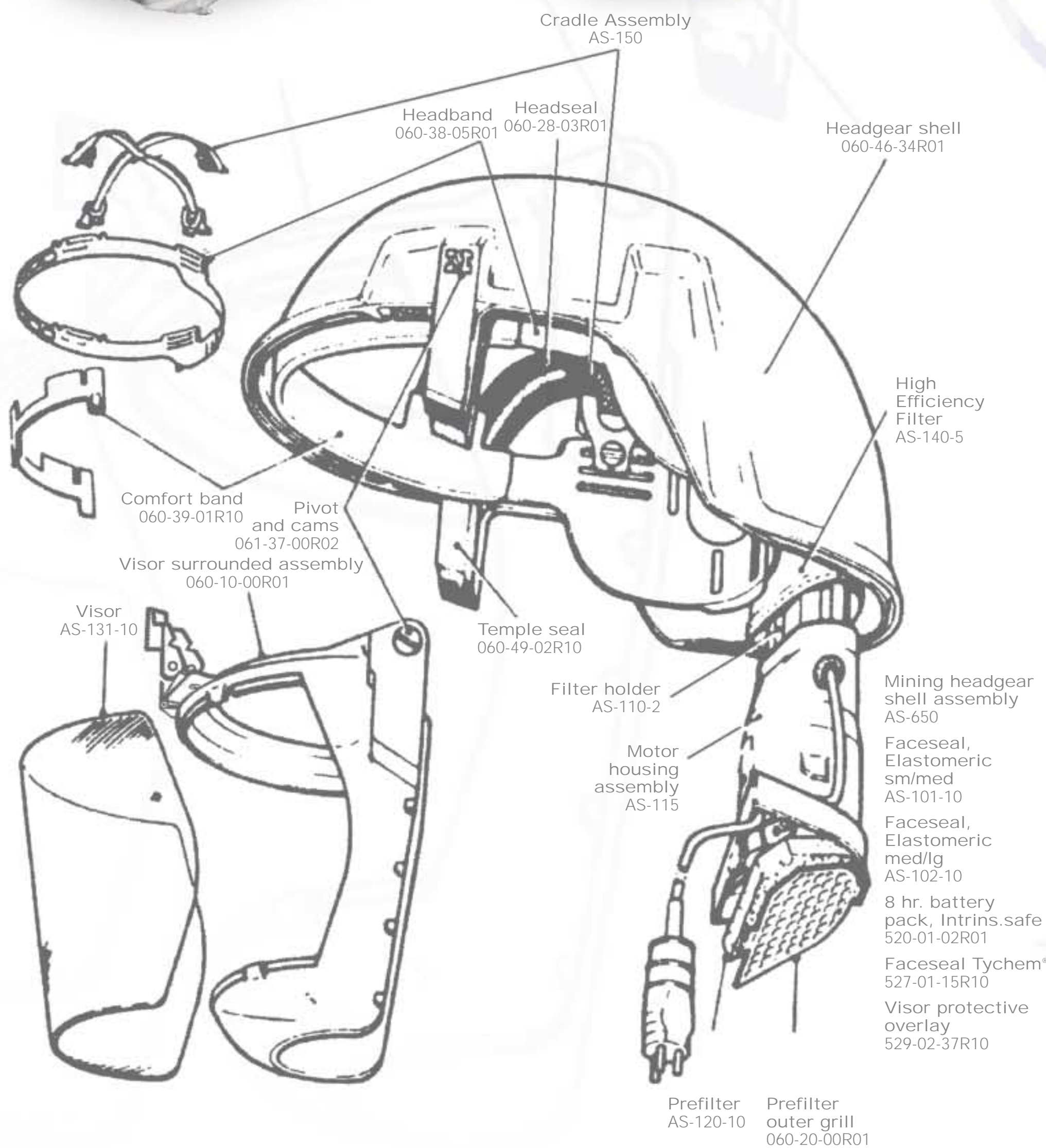
WARNING !

These respirators help reduce exposure to certain airborne contaminants. Misuse may result in sickness or death. Before use, the wearer must read and understand user instructions provided as a part of product packaging. Call 3M OH&ESD Technical Service. 1-800-267-4414

Important: For your protection, the Air Stream System must only be removed in a non-contaminated environment

Before using these respirators, you must determine the following :

1. The type of contaminant(s) for which the respirator is being selected.
2. The concentration level of contaminant(s).
3. Whether the respirator can be properly fitted on the wearer's face. All respirator instructions, warnings and use and time limitations must also be read and understood by the wearer before use.



3M Canada Service Centre: 1-800-267-4414

- Maintenance
- Repairs
- Battery testing / reconditioning
- Questions

Before Each Use:

- Check that the helmet shell is not broken, cracked or distorted.
- Head seal is an essential part that allows positive pressure to be maintained inside the respirator and prevents the penetration of contaminants.
- Replace head seal if torn or cracked.
- Replace temple seals if they are dirty or damaged.
- Suspension is comprised of 3 parts: cradle assembly, headband & comfort band.
- Adjust the strap height so the comfort band rests above the eyebrows.
- Ensure the parts are clean and undamaged.
- Replace comfort band if it is dirty or torn.
- Check to make sure headband/cradle assembly is fitting securely and comfortably.
- Check visor for scratches, distortions, damage or dirt.
- Check that both ends of the breathing tube are properly connected and that the tube is not twisted, distorted or cracked.
- The face seal must be in contact with user's skin to form a good seal. Facial hair must be inside the face seal. Replace face seal if it is damaged, punctured, soiled or will not maintain seal.

After Each Use:

- Take care of the Air Stream system after each use. Always inspect individual parts, repairing/replacing any missing or damaged components prior to reusing.
- After cleaning, inspect all parts for damage or wear. Replace parts if necessary.
- Allow the components to dry completely, away from sunlight and direct heat.
- Store the System in a clean area, away from moisture, heat and direct sunlight. Storage temperatures must not exceed 49C (120°F).
- Use mild soap to clean the helmet shell, head seal, cradle assembly and wipe with soft, damp cloth.
- Headband, visor and visor surround may be immersed and cleaned in a mild soap and water solution.
- Do not clean the Tychem® face seal or foam temple seals, replace if necessary.
- Stretch the breathing tube to see if it is cracked or twisted, replace if necessary.

3M Smart Battery Chargers and Batteries:

- Single unit : 520-01-61SGL 5 units : 520-01-61FIV 10 units : 520-01-61
- Single, five and ten charger units available.
- A completely exhausted battery pack should be charged for approx. 8 hours.
- Batteries may be left on trickle mode to maintain optimum capacity for up to 30 days.
- Do not charge multiple battery packs in an enclosed cabinet without ventilation.
- When the smart charger is plugged the green LED light is on. The LED will turn off, indicating that the battery pack attached is being charged in a high rate mode. After approx. 8 hours (depending on the amount of charging required) the charger will switch to trickle rate mode, preventing damage to the battery from over charge. At this time the LED light will cycle on and off every 3 - 5 seconds.
- Ideal temperature for charging batteries is 25°C (77°F) or less. However they can be charged between 5°C (41°F) to 25°C (77°F).
- 3M batteries provide up to 500 charge/discharge cycles. However, the life of 3M batteries will be significantly reduced when they are exposed to high heat over an extended period of time.
- Charge battery packs before they are completely discharged.
- At higher temperatures, the battery pack may not accept a full charge. If a battery pack feels hot, let it cool for 1/2 hour before charging.
- Batteries subjected to prolonged storage (longer than 6 months) may lose their capacity to hold a full charge. Infrequently used battery packs should be fully charged initially then charged overnight once per week or one hour each day to maintain a full battery.

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