**TECHNICAL DATA SHEET**

**Description**

The Apollo 600 LP is a type CE, continuous-flow, supplied-air respirator as defined by the National Institute for Occupational Safety and Health (NIOSH) for abrasive blasting to be used with an ambient air pump.

**Purpose**

The Apollo 600 LP is designed for use with an ambient air pump. It meets OSHA standards for respiratory protection and air noise limitations. The Apollo 600’s full-helmet design protects the blast operator’s head from rebounding abrasive and from job-site impact hazards.

The heavy-duty silver-grey cape protects the operator’s neck, shoulders, and chest from rebounding abrasive.

**Requirements for Operation**

The following items are required or recommended for operation, but may not be included with this respirator:

- An ambient air pump capable of delivering 7 to 15 cfm of air at 8 to 12 psi
- Output from the ambient air pump must meet the standard for Grade D breathing air, as defined by the Compressed Gas Association, Commodity Specification: G-7.1 (www.cganet.com)
- Approved 1/2-inch ID x 50 or 100 feet long respirator hose from the ambient air pump to the helmet connection
- Protective clothing, gloves, and shoes suitable for a heavy construction site
- Primary hearing and eye protection

**Description of Operation**

The Apollo 600 includes a knob-adjustable suspension. The operator fits the helmet to his or her head by turning the suspension knob clockwise to enlarge and counter-clockwise to decrease size. The suspension fits head sizes 6.5 to 8. The adjustable chin strap holds the helmet in position on the operator’s head.

The wide, full-view window provides an expansive field of vision. A series of lenses preserves the operator’s clear view of the work surface and protects the operator from dust and abrasive in the surrounding air. A replaceable fixed inner lens securely fits inside a molded rubber gasket. An intermediate lens protects the inner lens; and up to 3 tear-away (perforated) outer lenses complete the system. The tear-away lenses are removed one at a time to expose a clean lens beneath. The multi-lens system is held in place by a hinged frame with replaceable latch.

The Apollo 600 LP comes with a Constant-Flow Connector (CFC) that provides a fixed flow of air. It is engineered for flow settings as specified by OSHA.

A flexible breathing tube maintains air flow between the inlet fitting on the operator’s belt and a replaceable inlet fitting at the center rear of the helmet crown for maximum operator comfort and maneuverability. The tube contains specially-formulated sound-deadening materials to reduce noise levels of incoming air to 80 dBA.

The helmet is generously sized to allow ear plugs or ear muffs and safety glasses or goggles as needed.

Incoming air enters the system through the air control device on the operator’s belt. It continues through the breathing-air tube to enter the helmet at the inlet fitting at the center rear of the helmet crown. An air-distribution channel guides air over the head to the operator’s face.

**Advantages**

- Expansive, 180° full-view window
- Multi-lens system with rugged, positive-latching window frame
- Built-in mini visor prevents media ingress between lenses
- User-friendly cape attachment system
- Zip-in-and-out washable inner collar
- Replaceable inlet fitting
- Replaceable window latch
- Generous interior dimension allows supplementary hearing and eye protection
- Optional rectangular lens

**Approvals and Certifications**

The Apollo 600 LP helmet is a NIOSH-approved type CE respirator (approval number TC# 19C - 358) and is recognized by OSHA as having an assigned protection factor (APF) for lead dust of 1000 times the permissible exposure limit (PEL) for lead dust. It also meets the American National Standards Institute (ANSI) requirement for industrial head protection as stated in ANSI 289.1-2003 as a Type I, Class G protective helmet.

**NOTE:** Prior to use, ensure that the Apollo, type CE, supplied-air respirator is appropriate for your specific blasting conditions and requirements.
Respirator Systems and Accessories

Description Stock No.
Apollo 600 LP, less respirator hose, with constant flow connector 24010
Apollo 600 LP, with 50 ft. respirator hose, and constant flow connector 24011

Options and Accessories

Blast suit, heavy cotton/leather
- S (08920), M (08921), L (08922), XL (08923), XXL (24201), XXXL (24202)
Blast suit, seasonal cotton/nylon
- M (22914), L (22915), XL (22916), XXL (22917)
Leather gloves ..........................................................02243
High pressure conversion kit
- Converts LP helmet to HP helmet ........................................24811
Noise reduction ear muffs .............................................23886
Clemco Do-rag ..........................................................23814
Ambient Air Pump,
- Single-operator, CAP-1......................................................22383
- Four-operator, Stationary, CAP-4.................................22530
- Four-operator, Portable, CAP-4C ..............................22384
Rectangular outer lens, .015", non-perf., (pk of 25)...............24005

Related Clemco Literature

Description Stock No.
Contractor Series Catalog ....................................................21385
Abrasive Blasting Safety Practices ........................................22090
Blast Off 2 ........................................................................09294
Safety Equipment Product Study ........................................07764
Apollo 600 LP Owner’s Manual ...........................................23929

Shipping Dimensions and Weights

Respirator

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<th>Stock No.</th>
<th>Dimensions</th>
<th>Weight</th>
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<tbody>
<tr>
<td>24010</td>
<td>13-1/2” x 13” x 12”</td>
<td>7.5 lb</td>
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<tr>
<td>24011</td>
<td>13-1/2” x 13” x 12”</td>
<td>18.5 lb</td>
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Respirator Hose (in separate poly bag)

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<td>22510</td>
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<td>21413</td>
<td>1/2” x 100 ft. (18” x 18” x 6”)</td>
<td>22 lb</td>
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ISO 9001-2000 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.

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