



Apollo Ambient Air Pump

The CALIPSO Single Operator Model

IMPORTANT: for safe, efficient blasting, read and follow the owner's manual (25920) and seek training for everyone who will use this equipment.



OVERVIEW

The Clemco CALIPSO Ambient Air Pump conveys breathing air from a clean environment outside the work area to a low-pressure type CE supplied-air respirator worn by an operator inside the work area without introducing oil or other contaminants.

REQUIREMENTS FOR OPERATION

The following items are required for operation, but are not included with this equipment:

- Electric power supply — 110-115 volt, 60 hz, 10 amp. Alternate: 208/230 volt, 60 hz, 5 amp
- NIOSH-approved low-pressure, type CE-supplied-air respirator approved to operate at 10 psi or less, suitable for the application
- Approved respirator hose
- Pump output must meet the standard for Grade D breathing air, as defined by the Compressed Gas Association, Commodity Specification: G-7.1 (www.cganet.com)

DESCRIPTION OF OPERATION

The CALIPSO Ambient Air Pump is placed outside of the work area in a site free of airborne contaminants. The pump moves clean air to the low pressure respirator. An optional remote air intake kit allows the air intake to be up to 300 feet from the pump. An optional elevated air intake is three feet above the pump. The operator connects the respirator hose to the pump and to the CFC air inlet at the respirator, turns on the pump, adjusts the pressure, and checks for leaks then puts on the respirator. After blasting, the operator keeps the respirator on until the area is free of dust and contamination. The quick-connect fitting allows air to flow, even when unconnected to the respirator, keeping hazardous material from entering at the connection point.

DESIGN ADVANTAGES

- Eliminates expense of a breathing air compressor
- Requires no temperature alarms or additional air line filters
- Hand portable
- Easy to operate and maintain
- Can be used as air source for other respirators that operate with 8 cfm at 10 psi

APPROVALS AND CERTIFICATIONS

UL recognized, CSA approved.

SPECIFICATIONS

- Air flow output: 8 cfm at 10 psi
- 3/4 HP thermally-protected, dust resistant, 110/115-volt motor (alternate 208/230 v)
- Amperage: 10.4 (recommended minimum 15 amp circuit)
- Oil-free air pump with 3/8-inch NPT inlet and outlet
- Pressure-relief valve
- Pressure gauge
- Inlet filter: Multi-layer disposable cloth element with wire inner and outer support
- Outlet filter: activated charcoal