



**CLEMCO**  
The Performance System

### TECHNICAL DATA SHEET

*Note: For safe, efficient blasting, read and follow the owner's manual and seek training for everyone who will use this equipment.*

#### Traditional Heavy-Duty Blast Suit

##### Purpose

To protect the blast operator from the impact of rebounding abrasive and provide ease of movement

##### Advantages

- Rugged leather panels protect arms and legs, while durable cotton back allows suit to breathe enhancing comfort.
- Straps at cuffs adjust to fit — help keep out dust and abrasive
- Lighter weight than all-leather or all-rubber suits
- Optional gauntlet gloves protect hands and wrists

#### Seasonal Lightweight Blast Suit

##### Purpose

The Clemco seasonal blast suit protects the operator from the impact of rebounding abrasive during warm weather or when blasting indoors. The suit is a cost-effective alternative to a heavy-duty suit for intermittent or short-term blasting, and for non-blast personnel working at the blast site.

##### Advantages

- Weighs less and costs less than Clemco's heavy-duty blast suit.
- Nylon and cotton construction is easily machine washable.
- Reinforced knee panels for longer wear.
- Discarding the lightweight suit after a toxic dust job is more economical.
- For rental outlets, the low-cost suit makes it possible to stock suits in sizes to fit most customers.
- Available in a broad range of sizes from small up to 4XL.

### Description

Comfortable outer clothing for abrasive blast operators and for non-blast personnel working at the blast site, for protection from abrasive rebound.

### Blast Suits and Gloves



**Clemco Traditional Heavy-Duty Blast Suit**

S= 08920, M= 08921, L= 08922, XL= 08923,  
2XL= 24201, 3XL=24202



**Clemco Seasonal Lightweight Blast Suit**

S= 22913, M= 22914, L= 22915, XL= 22916,  
2XL= 22917, XL= 25022, 4XL= 24689



**Leather Gloves**  
02243

## Clemco Comfort Vest



- *Cools or warms workers on the job*
- *Operates on compressed-air supply*
- *Made from washable, flame-resistant fabric*
- *Helps reduce job-site heat-related illness or fatigue*

The **Clemco Comfort Vest** is a lightweight, one-size-fits-most personal protective garment for warming or cooling industrial workers exposed to stressful hot and cold environments indoors or out.

It can be used in a variety of workplaces and industries where workers are exposed to heat or cold that may affect their health or performance. The vest operates on 20 cfm of compressed air. Directional air jets located on chest and back panels emit generous air streams to the upper back and chest areas offering upper body cooling, or warming, depending upon the air conditioning device chosen. Once connected to the air supply, the vest provides immediate and continuous comfort.

For abrasive blasting, the vest is worn beneath the respirator cape and under the blast suit. Grade D air quality must be used when worn by a worker also wearing a respirator because air from the vest exits beneath the respirator cape. The vest air supply is separate from the breathing-air supply.



For cooling only, attach a Clemco Clem-Cool Air Conditioner to the vest air-supply tubing; air volume and degree of cooling are easily adjustable, even with a gloved hand. The Clemco Clem-Cool Air Conditioner can cool incoming air up to 50 degrees F\*.

For cooling or warming, attach a Clemco Climate-Control Tube, which warms or cools incoming air between 30 and 40 degrees F\*.

*\* Test temperature measurements were taken at the air inlet. Heat transfer and other temperature-related conditions can reduce the amount of cooling or warming inside the vest.*

The Clemco Comfort Vest is washable. It is made from Banox certified 100% cotton flame-resistant fabric; making it

suitable for welding operations, foundries, and other job environments where sparks may be present. The vest should be worn under protective clothing.

The vest features a zippered front closure and four fabric-elastic bands with Velcro®, two on each side of the vest, that easily adjust to suit body size and undergarment layers. The vest fits chest sizes up to approximately 52 inches. A snug fit offers greatest comfort.

### Applications:

Abrasive blasting, foundries, welding operations, boiler rooms, forging, casting, and casting plants, and all types of environments where air conditioning is not feasible and a compressed-air source is available.

### ORDERING INFORMATION

Description	Stock No.
Comfort Vest Only	24854
Comfort Vest with Clem-Cool Air Conditioner (for cooling only)	25266
Comfort Vest with Climate-Control Tube (for warming or cooling)	24856
<b>Accessories</b>	
Clem-Cool Air Conditioner with belt	23825
Climate-Control Tube with belt	04411

Authorized Distributor:

*ISO 9001:2000 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.*

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#### Description

Portable two-way radio systems provide means of communication between blast operators and other workers or supervisors. There is no limit to the number of radios in the network. Blast operators require complete sets. Other workers require only the radio. WiComm-Pro is intended for use in occupational/controlled conditions, not for general population consumer use. WiComm-50 is an FRS/GMRS system. Operator sets include radio (set of two with WiComm-50), chest holster (pro-only), ultra-lightweight and flexible headset with adjustable boom mic, arm-activated push-to-talk switch, and battery charger.

#### Purpose

Systems provide convenient two-way communication between supervisors and workers on the job site.

#### Advantages

- Job site communication provides critical safety link among workers and supervisors.
- Communication does not interrupt work in progress.
- Can enhance on-the-job training.
- Hands-free operation.
- Increases productivity by reducing work interruptions for instructions.
- Ideal for job sites where workers are separated from supervisor or each other, such as inside tanks, within containment, on bridges, on tank farms, shipyards, or other job sites.
- Multi-channel Motorola® radios allow users to easily select a clear frequency.
- WiComm Pro radio is narrow band compliant.
- Narrow band mandate does not apply to Wi-Comm 50 radios

#### Requirements for Operation

Consult FCC: Toll-free 800 225-5322  
 WiComm-50: 3 AA alkaline batteries or NiMH rechargeable battery.  
 WiComm-Pro: 7.2v Lithium Ion battery

#### WiComm-Pro Sets

The WiComm-Pro set includes one programmable radio, headset, holster, PTT switch, and battery charger. Additional accessories can be ordered as needed. Assemblies are also available less radio. Intrinsically-safe model available. VHF system available as a special order item.

#### WiComm-50 Set

The WiComm-50 set includes two FRS/GMRS radios, and one each headset, PTT switch, and battery charger. Additional accessories can be ordered as needed. Assemblies are also available less radio.

## Apollo Wireless Communication Systems

### WiComm-Pro Set

Stock No. 24999

### WiComm Intrinsically Safe Pro Set

Stock No. 25826

### WiComm-50 Set

Stock No. 24990



Apollo WiComm-Pro Set  
 Stock No. 24999



Apollo WiComm-50 Set  
 Stock No. 24990

#### Special Order Sets

- The WiComm communications system can be used with customer-supplied radios by special order

Apollo   
**WiComm**  
 Radio Systems by CLEMCO