RESPIREX™



HALF C BLOUSE
INSTRUCTION MANUAL

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USE

BS\054 Iss A

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General Information

Respirex half C blouses are intended to provide protection to the wearer in general purpose applications including pharmaceutical manufacturing, chemical and pesticide handling, tank cleaning, spray painting and other industrial or agricultural applications in which hazardous compounds are present.

Respirex half C blouses must always be worn in combination with with either;

1. Full open-circuit self-contained breathing apparatus (SCBA) that can be operated with or without an airline, blouse model DSIMB011(page 12) or
2. Airline breathing apparatus worn in combination with an egress cylinder for emergency escape purposes, blouse model DSIMB012 (page 13)

With the breathing apparatus detailed above half C blouses can be worn in atmospheres that are immediately dangerous to life or health (IDLH).

Respirex half C blouses are manufactured from an approved coated fabric and feature fully taped seams; a detachable pack fitted to the inside of the hood that provides cooling air to the wearer; a rigid visor that offers a wide field of vision; a heavy-duty zipper; gas-tight cuffs and an adjustable exterior waist belt.



Warnings



1. The Respirex half C blouse does not provide any form of respiratory protection to the wearer. Respiratory protection is provided by the breathing apparatus which must be switched on at all times whilst wearing the blouse. Failure to wear appropriate breathing apparatus when using a half C blouse may cause a risk of suffocation. Improper use of the half C blouse may damage your health and/or cause your death.
2. DO NOT wear the half C blouse and breathing apparatus until you have passed a complete physical exam conducted by qualified medical personnel, and have been trained in use, maintenance and limitations by a qualified individual (appointed by your employer) who has extensive knowledge of the Respirex half C blouse.
3. DO NOT modify or alter the half C blouse in any manner. Use only Respirex components and replacement parts manufactured by Respirex for use with the half C blouse.

   Failure to use Respirex components and replacement parts warranties and may cause hazardous or life threatening conditions.
4. Inspect all components of the half C blouse before and after each use for signs of wear, tear or damage that might reduce the degree of protection originally provided.

   Immediately replace worn or damaged components with Respirex components or remove from service (See INSPECTION AND STORAGE section on pages 5 and 8 for proper maintenance).
5. If you have any questions concerning the use of the half C blouse, or if you are not sure whether the atmosphere you are working in is immediately dangerous to your life or health, ask your employer.
6. DO NOT use the half C blouse for abrasive blasting operations.

   For technical assistance call or write to:

   Respirex N.A., INC
   20527 Marilyn Street
   Spring
   Texas 77388
   Tel : (281) 350 - 5001
   Fax : (281) 350 - 5191
   Email : info@respirexna.com

Operations

Protection

Respiratory

Respirex half C blouses DO NOT provide respiratory protection. Properly fitted breathing apparatus must be worn beneath the blouse to provide adequate levels of respiratory protection.

Head

Respirex half C blouses DO NOT provide head protection.

Face

Respirex half C blouses provide LIMITED face protection from flying particles or spray of hazardous liquids, but are not shatterproof.

Eyes

Respirex half C blouse provide LIMITED eye protection. If in doubt wear approved safety glasses or goggles at all times.

Ears

Respirex half C blouses DO NOT provide hearing protection. Use properly fitted earmuffs, earplugs or other protection when exposed to high noise levels

Pre-checks

It is recommended that pre-checks are always carried out before each shift cycle.

1. Visually inspect the blouse for any damage that may impair its serviceability.
2. The blouse is free from contamination both internally and externally.
3. The blouse has been stored correctly using all hanging points on the garment.
4. Blouse materials are free from tears and holes; pay particular attention to the seam areas.
5. The waist belt is secure and undamaged.
6. Vision through the visor is not obstructed by scratches or scuff marks; where fitted, the outer removable visor can be replaced by fitting to the Velcro dots (see page 5).
7. The internal hood cooling air pack is secured in position using the press studs provided and the feed tube is undamaged.

Donning

It is strongly recommended that before anybody attempts to wear a half C blouse and breathing apparatus, full training is given on wearing and decontamination by a competent person and the details of the training be recorded.

1. Don your breathing apparatus in accordance with manufacturer's instructions. IMPORTANT: The Respirex half C blouse does not provide any form of respiratory protection to the wearer. Respiratory protection is provided by the breathing apparatus. Air should be supplied to the breathing apparatus at all times while wearing the blouse. Failure to wear breathing apparatus when using a half C blouse may cause a risk of suffocation.

   Prior to operating the blouse with an egress cylinder, the wearer should be trained how to turn on the egress cylinder while wearing the blouse.

2. Connect the feed hose from the hood cooling air pack to a suitable source of air. IMPORTANT: Air from the cooling air pack does not provide any respiratory function.

3. Slide your left arm into the left sleeve of the blouse and simultaneously pull the hood over your head, then slide your right arm into the right sleeve of the blouse.

4. Place your right thumb through the zip slider and fasten the zipper down to the bottom of the blouse (gripping the bottom of the blouse with your left hand can help to keep the zipper straight when fastening). Care should be taken not to catch any material in the zipper when fastening.

5. Fasten the exterior waist belt (if necessary adjust until comfortable).

6. You are now ready to enter the work area.

Doffing

On completion of a work shift, leave the work area wearing the half C blouse with your breathing apparatus switched on.

Once outside the contaminated area the blouse should be decontaminated; it can then be removed by the reverse of the donning process.

WARNING

LEAVE THE WORK AREA IMMEDIATELY IF:

The blouse or feed hose to the cooling air pack becomes damaged.

Breathing becomes difficult.

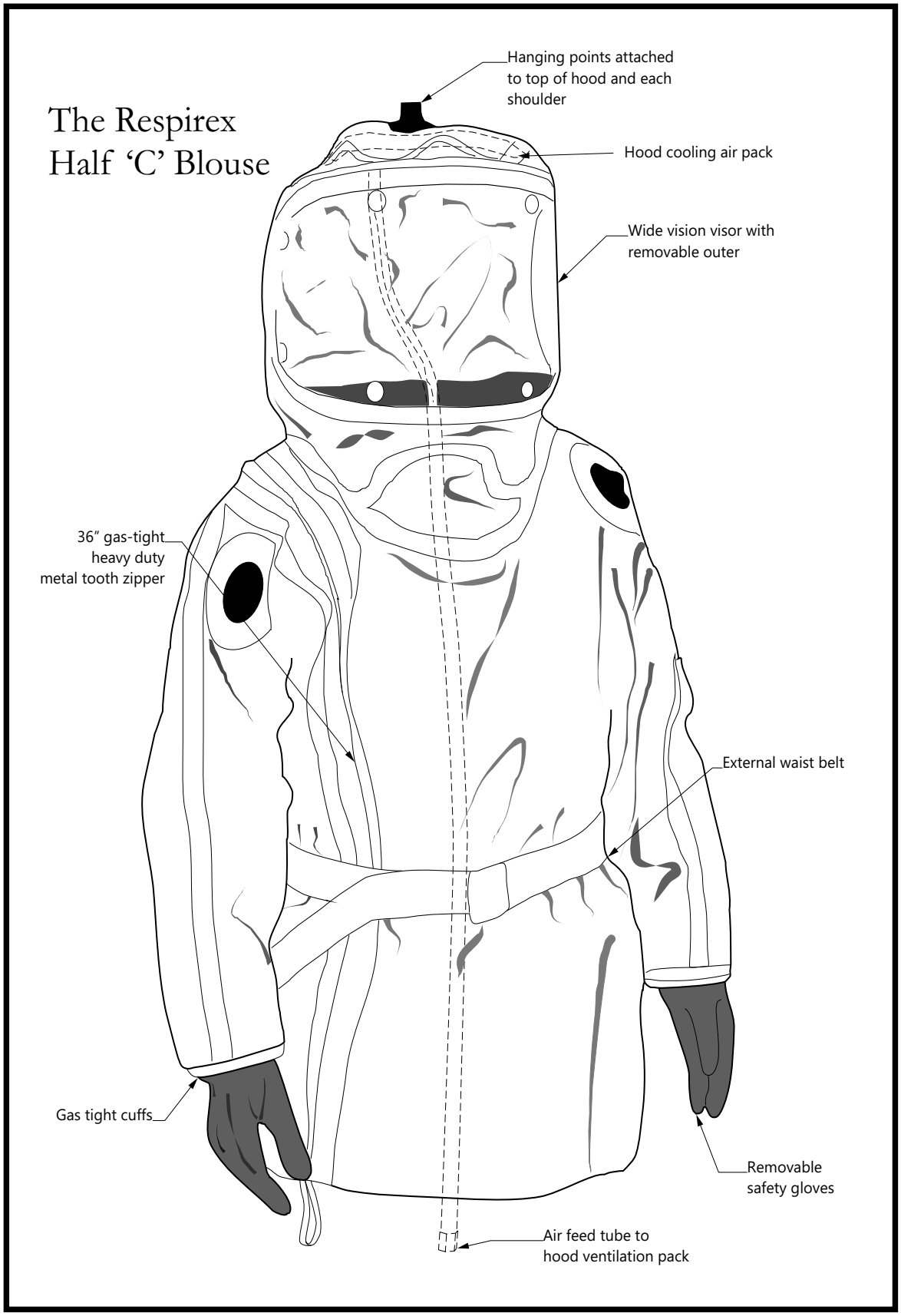
You become dizzy, nauseous, too hot, too cold or ill.

You taste, smell or see contaminants inside the blouse.

Your vision becomes impaired.

Proper work practice requires that you wear the half C blouse until you are outside the contaminated area. Do not set the blouse down in a contaminated environment because contaminants, dirt and dust could enter the hood.

Component Concept



Inspection & Replacement Of Component Parts

A regular inspection and replacement program should be conducted by employees.

The half C blouse and all component parts and assemblies should be inspected for damage or excessive wear before and after each use to ensure proper functioning. Immediately remove the blouse from service and replace parts or assemblies that show any sign of failure or excessive wear that might reduce the degree of protection originally provided.

Use only complete approved Respirex components and replacement parts, refer to parts list for correct part numbers.

Removable Visor

1. Carefully peel the removable visor from the Velcro discs.
2. If necessary clean the rigid visor before fitting a new removable visor.
3. Remove the protective film from the new removable visor.
4. Locate the centre discs at the top and bottom of the removable visor on to the centre discs on the hard visor.
5. Wrap the removable visor around each side of the hard visor, lining up all the fixing discs and pressing together (Fig. 1.).



Fig. 1.

Fitting Gloves

1. Firstly turn the sleeve of the blouse inside out.
2. Carefully push the tapered cone into the glove so that the glove stretches over the cone (see Fig. 2. & Fig. 3.).



Fig. 2.



Fig. 3.

3. Push the glove and cone into the cuff body with the little finger of the glove in-line with the seam of the sleeve (see Fig. 4.).
4. Make sure that the glove and cone are pushed into the cuff body with equal pressure all around its circumference (see Fig. 5.).



Fig. 4.



Fig. 5.

5. Locate the locking ring over the gauntlet of the glove and screw into the cuff body (see Fig. 6.). If necessary the gauntlet of the glove can be cut down if it is too long and interferes with the locking ring.



Fig. 6.

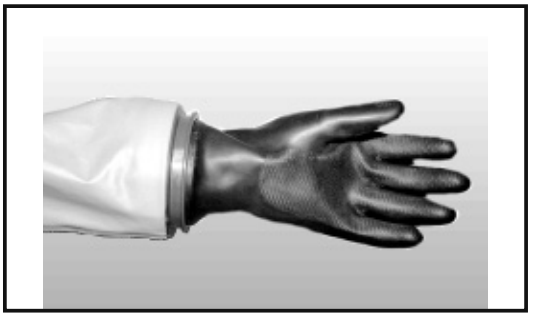


Fig. 7.

6. Turn the sleeve the correct way out by pulling on the glove (see Fig. 7.).

Check that there are no creases in the glove around the cuff seal. If there are any creases or the glove is pinched in any way it should be removed and re-fitted. If the cuff and glove have been assembled as described there should now be a gas tight wrist seal.

Cleaning

The half C blouse should be cleaned and sanitized at least weekly, or more often if subjected to heavy use. Blouses used by more than one person must be cleaned, inspected and sanitized after each use. If not cleaned contamination may cause illness or disease.

Respirex do not recommend laundering the half C blouse. When the blouse becomes dirty it should be wiped with a sponge using warm water and a mild detergent, rinsed and air-dried.

Do not use solvents or strong cleaning and disinfecting agents as these may cause damage to the visor and parts of the blouse.

Do not allow water to enter the hood ventilation pack or its air feed tube.

Storage

The half C blouse is supplied with a three point hanging system, there are loops on the head and shoulders that allow it to be hung on a three point hanging frame. The Respirex three point hanging frame is designed to allow the blouse to be hung without distortions to the visor. (Fig. 8.).

If the half C blouse is to be stored in a box or container it should be folded so that the visor is not distorted.

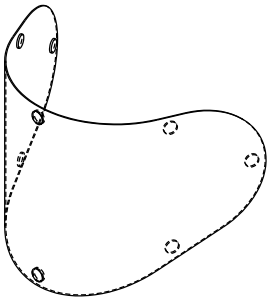
Always store the half C blouse in a dry condition, preferably away from direct sunlight.



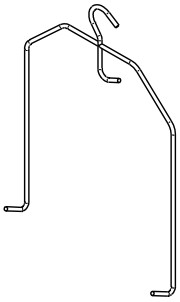
Fig. 8.

Spare Parts

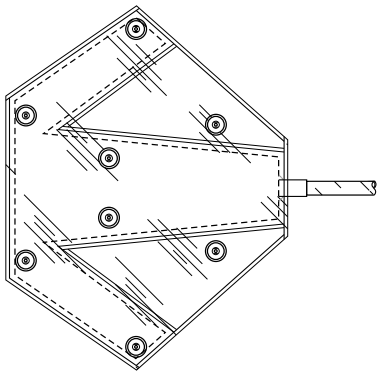
The following spare parts available for Respirex half C blouses:



Removable Outer Visor.
Part No. G00029



Hanging Frame.
Part No. F00968.



Hood cooling air pack
Part no. G00311



Internal Cuff 'O' Ring,
Part No. D00690



External Cuff 'O' Ring,
Part No. D00697



Cuff Locking Ring
Part no. B00275



Cuff Cone
Part no. B00276

Returning Goods For Repair

IMPORTANT : RESPIREX N.A. INC. WILL NOT ACCEPT ANY RETURNED GOODS UNLESS THE FOLLOWING STEPS ARE FOLLOWED.

To return goods to Respirex N.A. Inc. for repair or replacement you MUST:

1. Contact Respirex N.A. Inc. Customer Service Department by telephone or in writing at:

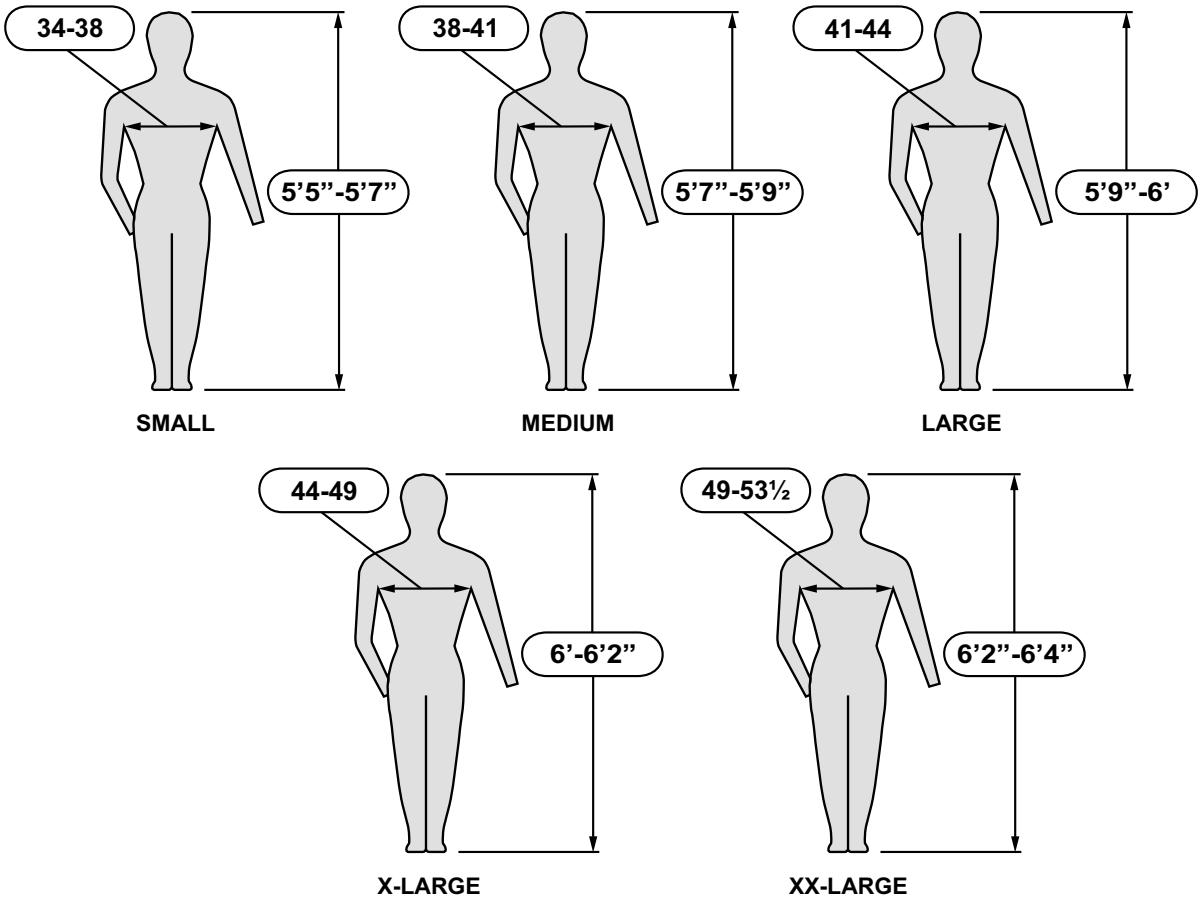
   Respirex N.A. Inc.
   20527 Marilyn Street,
   Spring, Texas 77388.
   Tel : (281) 350 - 5001
   Fax : (281) 350 - 5191
   Email : info@respirexna.com

   Describe the problem. An agent may contact you for additional information or may try to help you resolve the problem over the telephone.

2. Clean and decontaminate the product to remove any hazardous materials which may have settled on the product during use. It is against the law to ship hazardous or contaminated materials. Respirex will return any products suspected of contamination.

Sizing

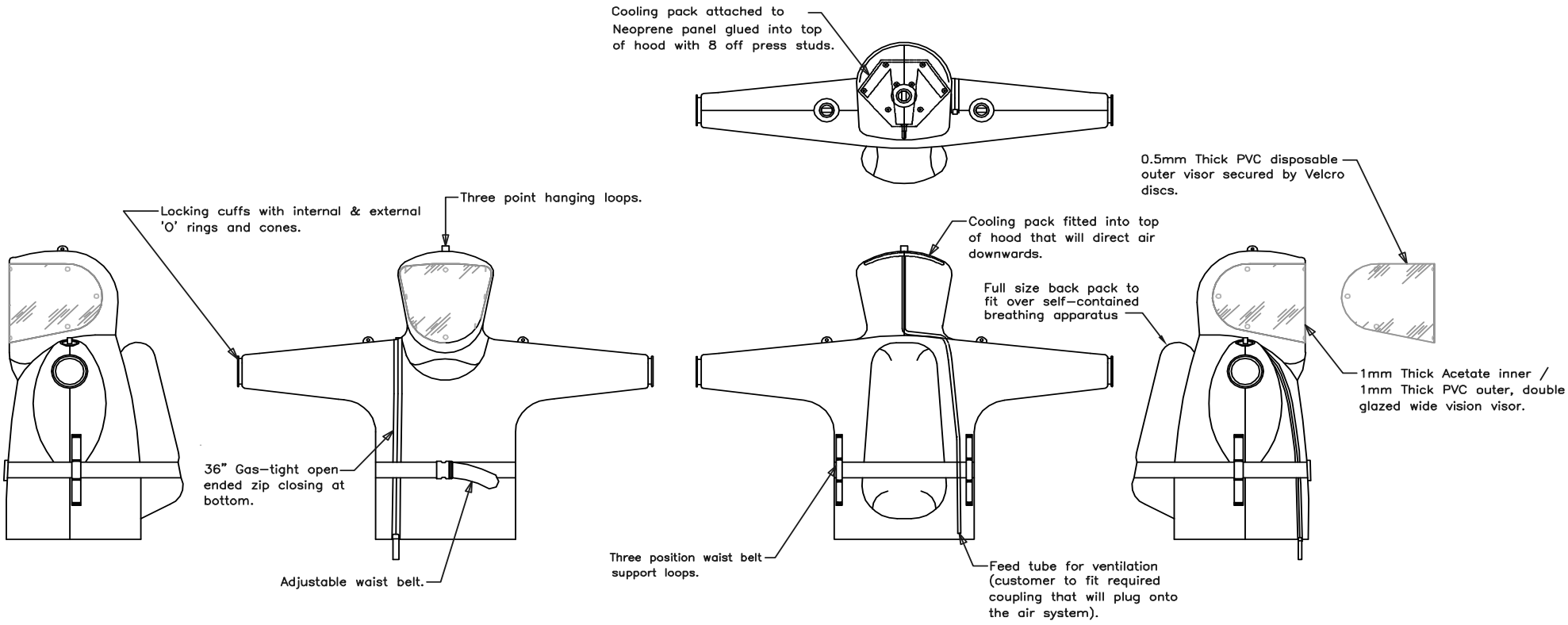
The following pictograms designate the range of height & chest sizes suitable for specific sizes of half C blouse, check your body measurements and select the correct size of blouse. Body measurements in inches.



Size	Body Height	Chest Girth
S	5′5″ - 5′7″	34″ - 38″
M	5′7″ - 5′9″	38″ - 41″
L	5′9″ - 6′	41″ - 44″

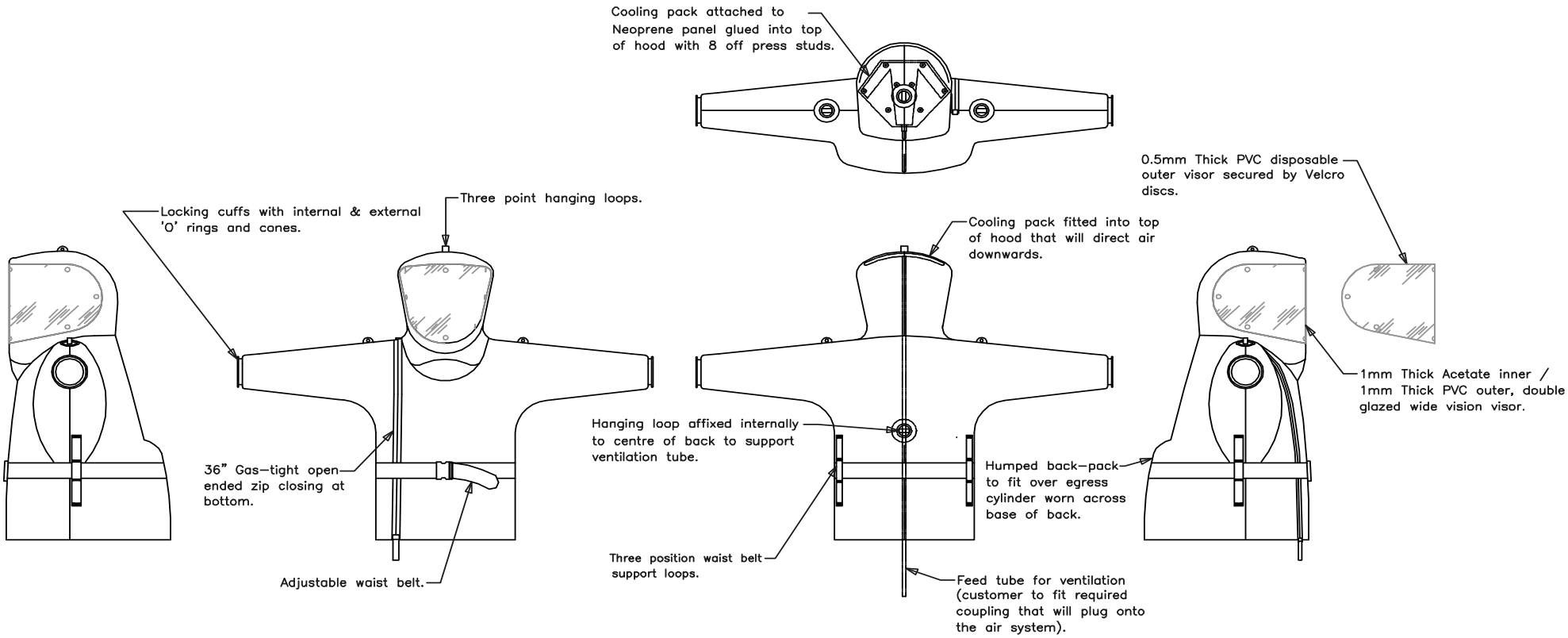
HALF C BLOUSE FOR USE WITH SELF CONTAINED BREATHING APPARATUS

MODEL NO: DSIMB011



HALF C BLOUSE FOR USE WITH EGRESS CYLINDER

MODEL NO: DSIMB012



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