

mm 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220



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3M

Print Spec. No.:

DV-0063-0365-0_0421

Stock No.:

NA

SAP No.:

7100015974

Structure Spec.:

105 x 148 mm / 4.134 x 5.827 in

Title:

PSD - 6000FF Series - User
Instructions - SLG

Job No.:

199321

File No.:

63748

Asset No.:

21856

File Name:

O-AICC20-MAC10-DV-0063-0365-0_0421.ai

Revision date:

08/06/2021

Revision time:

14:05

Barcode:

N / A

Size/BWR:

N/A% / 000

Dimensions:

105 x 148 mm / 4.134 x 5.827 in

Folded Size:

XX x XX mm / XX x XX in

Colours: 1

Black

Technical Colours:



1

Profile



2



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4



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Operator: 27

UIC:

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Version:

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Region:

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DV-0063-0365-0_0421 / 3100029828

(GB) (IE) (ZA)

 3M™ 6000 Series Full
Face Mask

(FR) (CH) (BE)

 Masque complet 3M™ de
la série 6000

(DE) (CH) (AT)

 3M™ Vollmaske Serie
6000

(IT) (CH)

 Maschera a Pieno
Facciale 3M™ Serie 6000

(ES)

 Máscara completa 3M™
Serie 6000

(NL) (BE)

 3M™ 6000 Serie
Volgelaatsmasker

(SE)

 3M™ 6000 -seriens
helmask

(DK)

 3M™ 6000-seriens
helmaske

(NO)

 3M™ 6000 Serien
Helmaske

(FI)

 3M™ 6000 -sarjan
kokonaamari

(PT)

 3M™ Máscara Completa
Série 6000

(GR)

 3M™ Μάσκα Ολοκλήρου
Προσώπου Σειράς
6000

(PL)

 Maska całotwarzowa
3M™ serii 6000

(HU)

 3M™ 6000-es sorozatú
teljesárlarc

(CZ)

 3M™ Celoobličejová
maska řady 6000

(SK)

 Celotvárová maska 3M™
série 6000

(SI)

 3M™ celobrazna maska
serije 6000

(IL)

 מסכת פנים מלאה
מסדרת של 6000

(EE)

 3M™ 6000-seeria
täismask

(LV)

 3M™ 6000. sērijas pilnas
sejas maska

(LT)

 3M™ 6000 Serijos visą
veidą dengianti kaukė

(RO)

 Mască integrală
3M™ seria 6000

(RU) (BY) (AZ)

 Средства индивидуальной
защиты органов
дыхания. Маска 3M™
серии 6000, модели
6700, 6800, 6900.

(UA)

Маска 3M™ серії 6000

(HR)

 3M™ Maska za cijelo
lice serije 6000

(BG)

 3M™ Серия 6000
Цяло-лицева маска

(RS)

 3M™ 6000 Serija punih
maski

(TR)

 3M™ 6000 Serisi Tam
Yüz Maskesi

(KZ)

 3M™ 6000 сериялы
бетті толық жабатын
маска

(AU) (NZ)

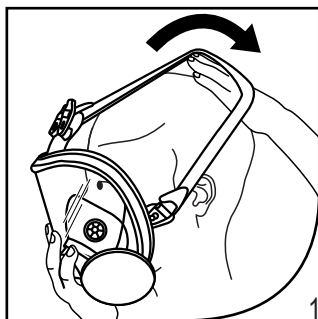
 3M™ 6000 Series Full
Face Mask

(AE)

 سلسلة قناع
الوجه الكامل 3M™ 6000

www.3M.EU/Safety
3M

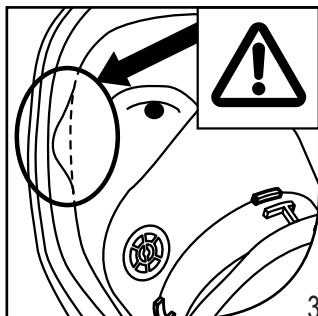
148 mm x 5.82 in



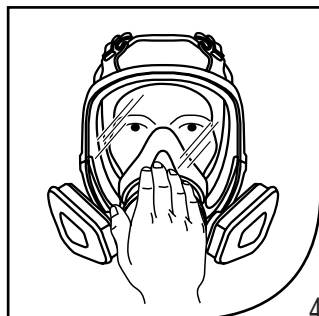
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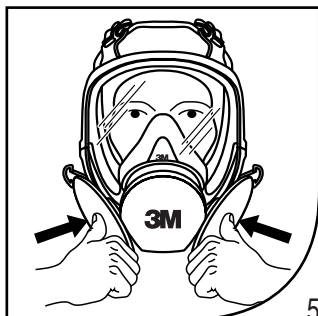
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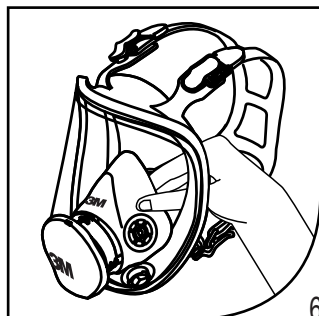
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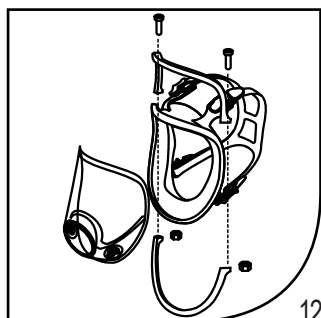
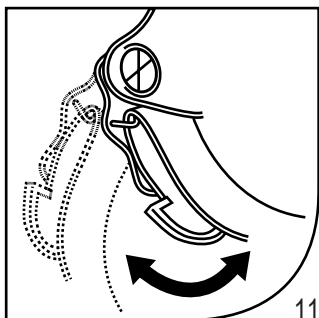
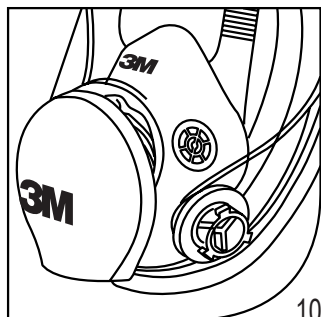
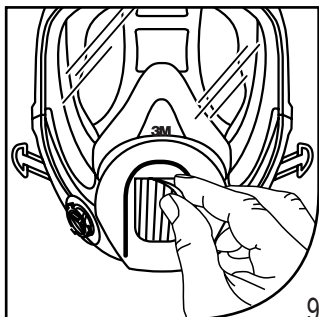
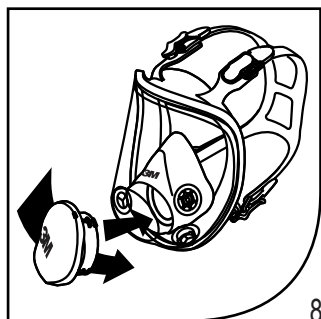
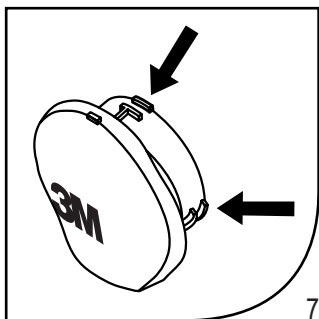
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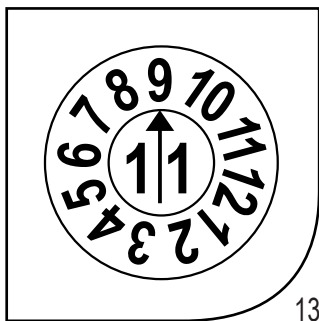


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3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT, UK



EU: 3M Wrocław Sp. z o.o., Kowalska 143, 51-424 Wrocław, Poland

GB: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT, UK



3M™ 6000 Series Full Face Mask

USER INSTRUCTIONS

Please read these instructions in conjunction with the appropriate User Instructions for 3M Filter, 3M Air Supply Unit or 3M Breathing Tube and 3M Powered Air Turbo with the 3M Facepiece Reference Leaflet where you will find information on:

- Approved combinations of 3M™ Air supply units and / or 3M™ Filters
- Accessories
- Spare parts

See all instructions for use and save for continuing reference.

SYSTEM DESCRIPTION

These products meet the requirements of EN 136:1998, full face masks and should be used in combination with a pair of approved 3M filters (see Reference Leaflet) to form a filtering apparatus for respiratory protection. Such an apparatus is designed to remove potentially harmful gases, vapours and / or particulates from the surrounding atmosphere. This apparatus may also be used as a system with the 3M Air Supply Units (see Reference Leaflet).

⚠ WARNINGS AND LIMITATIONS

Particular attention should be given to warning statements where indicated.

⚠ WARNING

Always be sure that the complete product is:

- Suitable for the application;
- Fitted correctly;
- Worn during all periods of exposure;
- Replaced when necessary.

Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants. Failure to follow all instructions on the use of these respiratory protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.

- For suitability and proper use follow local regulations and refer to all information supplied. For more information contact a safety professional/3M representative.
- Do not use in concentrations above those specified in the **Technical Specification**.
- Do not use for respiratory protection against

atmospheric contaminants/concentrations which have poor warning properties or are unknown or immediately dangerous to life and health (IDLH) or against contaminants/concentrations which generate high heats of reaction with chemical filters.

- Do not use in atmospheres containing less than 19.5% oxygen. (3M definition. Individual countries may apply their own limits on oxygen deficiency. Seek advice if in doubt).

- Do not use these products in oxygen or oxygen-enriched atmospheres.
- Only use with the Filters/Air Supply Units and Spares/Accessories listed in the Reference Leaflet and within the usage conditions given in the **Technical Specification**.

- Only for use by trained, competent personnel.

- Leave the contaminated area immediately if:

- a) Any part of the system becomes damaged.
- b) Airflow to the facepiece decreases or stops.
- c) Breathing becomes difficult or increased breathing resistance occurs.
- d) Dizziness or other distress occurs.

- e) You smell or taste contaminants or irritation occurs.

- Never modify or alter this product. Replace parts only with original 3M spare parts.

- In case of intended use in explosive atmospheres, contact 3M Technical Service.

- Do not use these products with self-contained breathing apparatus.

- Do not use for escape purposes.

- **Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.**

- Only use with the spectacle kit available as an accessory with this product, and ensure spectacle arms do not interfere with the face seal.

- National regulations may impose specific limitations on the use of filters depending on the filter class and the facepiece used. Use of any 3M™ Facepiece / Filter combination should be in accordance with applicable Health and Safety standards, Respiratory Selection Tables or in accordance with the recommendations of an Occupational Hygienist.

- Filters need to be regularly changed. The frequency of change depends on usage time and the concentration of contaminant.

- For more information call the 3M Health & Safety Helpline on 0870 60 800 60 (UK) or 1 800 320 500 (Ireland).

- **If using with a 3M™ Air Supply Unit:**

- At very high work rates, the pressure in the facepiece may become negative at peak inhalation

flow. Adjust equipment as appropriate or consider an alternative form of respiratory protective device.

- If using in Supplied Air mode, ensure that:
 - The source of the air supply is known.
 - The purity of the air supply is known.
 - The air supply is of a breathable quality to EN12021.

If during use the air supply stops or is reduced, vacate the contaminated area immediately and investigate the cause.

- Take care to prevent the breathing tube from becoming looped around protruding objects.
- These products do not supply oxygen.

NOTES REGARDING ALLERGIC REACTIONS

Materials which may come into contact with the wearer's skin are not known to cause allergic reactions to the majority of individuals.

These products do not contain components made from natural rubber latex.

PREPARATION FOR USE

Inspect the package contents for shipping damage and ensure all components are present.

Check apparatus is complete, undamaged and correctly assembled. Any damaged or defective parts must be replaced with original 3M spare parts before use.

Inspection

The following inspection procedure is recommended before use:

1. Check the facepiece for cracks, tears and dirt. Be certain the facepiece, especially the face seal area, is not distorted. The material must be pliable – not stiff.
2. Examine the inhalation valves for cracks or tears. Lift valves and inspect valve seat for dirt or cracks.
3. Ensure that the head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracks or fatigue.
5. Make sure all gaskets are properly seated.
6. Remove the exhalation valve cover and examine the exhalation valve and valve seat for signs of dirt, distortion, cracks or tears. Replace the exhalation valve cover.
7. Inspect lens for any damage that may impair respirator performance or vision.

ASSEMBLY INSTRUCTIONS

See appropriate User Instructions for assembly instructions (e.g. 3M™ Filter/3M™ Air Supply Unit).

FITTING INSTRUCTIONS

Select most appropriate size from the 3 sizes of the facepiece available (S / M / L). Fitting Instructions must be followed each time the product is worn.

DONNING

1. Fully loosen all 4 head straps and put straps over front of facepiece.
 2. If necessary, pull hair back out of facepiece sealing area.
 3. Place chin in respirator chin cup and make sure that respirator is centred on your face.
 4. Pull head harness over your head (Figure 1). Remove any bumps or kinks in the head harness and ensure straps are flat to the head.
 5. Whilst holding the mask in place with one hand, tighten each strap evenly a little at a time, starting the neck straps, followed by the forehead straps. Repeat until the mask feels secure on the face. (Figure 2). **DO NOT OVERTIGHTEN.**
 6. Ensure that there are no creases or gaps around facepiece perimeter. Figure 3 shows a poorly fitted mask with creases around the face piece.
- WARNING** Such creases may impact fit. Use of a mirror or the help of a colleague is recommended. Readjust straps and/or reposition facepiece as necessary.

Perform a positive and/or negative pressure seal check.

SEAL CHECK

- **Positive Pressure User Seal Check (for all approved configurations)** (all Filters except 3M™ 6035 /6038/ 2000 Series Filters).

Place palm of hand over exhalation valve cover and exhale gently. Figure 4.

If the facepiece bulges slightly and no air leaks are detected between the face and the facepiece, a proper seal has been obtained.

If an air leak is detected, reposition the respirator on the face and / or re-adjust the tension of the elastic strap to eliminate the leakage.

Repeat the above fit check.

- **Negative Pressure User Seal Check with 6035 / 6038 Filters Also 2000 Series filters.**

Press your thumbs into the central indentation of the filters (2000 Series), or press filter cover and filter body together (6035/38), inhale gently and hold your breath for five to ten seconds. If the facepiece collapses slightly a proper fit has been achieved. Figure 5. If an air leak is detected, reposition the respirator on the face and / or re-adjust the tension of the elastic strap to eliminate

the leakage. Repeat the above fit check.

If you CANNOT achieve a proper fit, DO NOT enter the contaminated area.

Quantitative Fit Testing

For information regarding fit testing procedures, please contact 3M.

DOFFING

⚠ Do not remove the facepiece, filters or turn the air supply until you have vacated the contaminated area.

1. Release the tension on the head straps.
2. Carefully lift facepiece off the face and remove the respirator by lifting up and away from the face.
3. If appropriate, switch off the air supply unit or disconnect the compressed air supply tube from the regulator, and unbuckle the waistbelt.

NOTE If the respirator has been used in an area that has caused it to become contaminated with a substance requiring special decontamination procedures it should be placed in a suitable container and sealed until it can be decontaminated or discarded.

MAINTENANCE

Maintenance, servicing and repair must only be carried out by properly trained personnel. Since this respirator is a low maintenance facepiece only a limited number of replacement parts are available (See reference leaflet). If other parts are damaged the respirator must be replaced.

⚠ Use of unapproved parts or unauthorized modification could result in danger to life or health and can invalidate any warranty. General inspection must be carried out before use or monthly if not in regular use. See Inspection procedures for specific details. If disposal of parts is required this should be undertaken in accordance with local health and safety and environmental regulations.

SPARE PARTS

Centre Adaptor (6864) Replacement.

To remove Centre Adaptor, remove the nose cup assembly, by pulling the assembly over the three notches which anchor it to the base of the centre adaptor.(Fig 6). Grasp centre adaptor at cover and twist anti-clockwise 1/4 turn to disengage and withdraw centre adaptor from lens. Replace centre adaptor by pushing three lugs in through the lens gaps, (Fig 7) and turning it 1/4 clockwise. Replace nose cup assembly.(Fig 8)

Centre Adaptor Gasket (6896) Replacement.

The closed cell foam rubber centre adaptor gasket is designed to seal the interface between the centre adaptor and the lens. Remove nose cup assembly,

and centre adaptor from lens centre port as described above. Remove old gasket from centre adaptor and replace with new replacement gasket. Re-install centre adaptor into facepiece lens.

Replace nose cup assembly. (Figs 6-8)

Exhalation Valve (7583/6583) Replacement.

Remove exhalation valve cover by pulling out from bottom latch. Grasp valve and pull each valve stem out from valve seat. Place exhalation valve replacement over the exhalation port by inserting stems and pulling through from the opposite side until they are both snapped in place. Replace valve cover by aligning top opening in the valve cover with the top tab on the centre adaptor base and snap to the centre adaptor base. Figure 9.

Inhalation Gaskets (6895) Replacement.

The inhalation gaskets are designed to seal the interface between inhalation ports and filters / air supply unit. The gaskets should be inspected with each filter change and replaced whenever damaged or seal integrity is questionable. Remove gaskets from inhalation port bayonet fittings. Install new gaskets onto inhalation port under all three bayonet lugs. Figure 10.

Inhalation Valves (6893) Replacement.

Inhalation valves are located on posts at the inside of the facepiece inhalation ports and inside the nose cup inhalation ports. These valves should be inspected before each respirator use and replaced whenever valves become damaged or lost. Remove existing inhalation valve(s) by lifting from post(s) at the inside of the facepiece and nose cup inhalation port(s). Install new valve(s) onto post(s). Be certain valve is fully engaged under all three lugs on post, lies flat, and spins freely on post.

Head Harness (6897) Replacement.

Unbuckle head harness straps and replace with new head harness. Figure 11.

Lens Assembly (6898) Replacement.

Remove the two sets of screws using a screwdriver. Then, pull the frame top and frame bottom away from the faceseal. The frame top, frame bottom, faceseal and the lens assembly have vertical line markings that indicate their positions relative to one another. Make certain these markings are aligned for re-assembly. Figure 12.

Neck Strap (7883).

Connect loops at end of neck strap assembly onto the face seal tabs at the top of the head harness.

ACCESSORIES

Spectacle Kit (6878/102).

See appropriate user instructions for assembly instructions.

Install rail assembly into Facepiece with the plastic foot positioned on centre port adapter and the top of rail centred between the lugs or projections at top of face seal. Install frame assembly onto rail assembly by inserting pins into holes in rubber slide. Spectacles can now be adjusted for optimal fit and vision.

Lens Covers (6885).

Remove release liner from adhesive at each side of replacement lens cover. Position lens cover over the facepiece lens and adhere in place. Remove used lens cover by lifting tab away from facepiece.

CLEANING AND DISINFECTION

Cleaning is recommended after each use. If the respirator is to be used for more than one shift it should be cleaned at the end of each shift and stored between shifts in the original packaging or a sealed container. To clean the respirator, the 3M™ 105 Wipe should be used to wipe the face seal of the product. Remove the filters and disconnect the air supply unit if appropriate. Clean parts (excluding filters) by immersing in warm cleaning solution (water temperature not to exceed 50°C), scrub with soft brush until clean. Add neutral detergent if necessary. Disinfect respirator by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite or other disinfectant. Rinse in clean, warm water and air dry at room temperature in a non-contaminated atmosphere.

CAUTION Do not use cleaners containing lanolin or other oils on these products. Do not autoclave. Do not use petrol, chlorinated degreasing fluids (such as trichloroethylene), organic solvents or abrasive cleaning agents to clean any part of the equipment. Do not reassemble parts until facepiece is completely dry.

For information regarding cleaning in an automated respirator washing machine, please contact 3M.

STORAGE AND TRANSPORTATION

These products should be stored in the packaging provided in dry, clean conditions away from direct sunlight, sources of high temperature, petrol and solvent vapours. The original packaging is suitable for transporting the product throughout the European Union. When stored as stated, the expected shelf life of the product is 5 years from date of manufacture. Store in accordance with manufacturer's instructions, see packaging.

-  End of Shelf Life
-  Temperature Range
-  Maximum Relative Humidity
-  Name and address of Legal Manufacturer
-  Contact Address
-  Dispose in accordance with local regulations
-  Packaging not suitable for food contact.

The date of manufacture can be established by examining the date clock on the face seal of the respirator. Figure 13. The inner segment will display the year, and the arrow will point to the month of manufacture in the outer segment. The example shows 01/09/2011 - 30/09/2011.

APPROVALS

These products are type approved and audited annually by BSI Group The Netherlands B.V. John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands, Notified Body No. 2797. These products meet the requirements of European Regulation (EU) 2016/425.

GB Only: These products are type approved and audited annually by BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowhill, Milton Keynes, MK5 8PP, UK, Approved Body No. 0086. These products meet the requirements of Personal Protective Equipment Regulation (Regulation 2016/425 as brought into UK law and amended). The applicable legislation can be determined by reviewing the Certificate and Declaration of Conformity at www.3m.com/Respiratory/certs.

TECHNICAL SPECIFICATION

Respiratory Protection EN136 (Class 1) - for use with 3M Filters (bayonet) to EN14387:2004 or EN143:2000.

EN12942 TM3 when connected to 3M™ Versaflo™ TR-602E/TR-802E Powered Air Turbo with a 3M™ BT-63/BT-64.

EN14594 when used as part of the 3M S-200+ system. (see Reference Leaflet).

3M™ 6000 Series Fullface Mask with	APF* 3M™ Full Face mask
P1 Particulate Filters	4
P2 Particulate Filters	10
P3 Particulate Filters	40
Class 1 Gas & Vapour Filters	20 or 1000ppm (0.1% vol) whichever is lower
Class 2 Gas & Vapour Filters	20 or 5000ppm (0.5% vol) whichever is lower
3M™ Air Supply Unit	See Airline user instruction
3M™ Powered Air Turbo	See 3M™ Versaflo™ BT-60 Series Breathing Tube user instruction

WEL - Workplace Exposure Limit

*Assigned Protection Factors (APF) are taken from HSE publications.

This may not be the level of respiratory protection that can be realistically expected in the workplace by wearers.

Employers may apply a value lower than the NPF/APF if deemed applicable.

Please refer to EN 529:2005 and National workplace protection guidance for application of these numbers in the workplace.

Please contact 3M for further information.

Eye Protection Meets the requirements of EN166 (Increased Robustness, Protection against High Speed Particles (medium energy, grade B) and lateral protection.)

Flow Characteristics

Manufacturers Minimum Design Flow (MMDF)

150 l/min

Maximum Flow - See appropriate User Instructions.

Maximum Operating Temperature: +49 °C.

CAUTION Care should be taken when using the equipment at low temperatures as excessive moisture may cause the valves to freeze.



Masque complet 3M™ de la série 6000

NOTICE D'UTILISATION

Merci de lire en complément de ces instructions les notices d'utilisation des filtres 3M, du système à adduction d'air ou du tube respiratoire et du système à ventilation assistée avec la référence de la pièce faciale 3M où vous trouverez des informations sur: Les combinaisons homologuées de systèmes à Ventilation Assistée 3M et/ou des filtres 3M

- Les accessoires
 - Les pièces détachées
- Lire la notice d'utilisation avant d'utiliser l'équipement, et la conserver pour les prochaines utilisations.

DESCRIPTION DU SYSTEME

Ces produits sont conformes aux exigences de la norme européenne EN 136:1998 sur les masques complets et doivent être utilisés en combinaison avec les paires de filtres 3M agréés (voir le guide des références) afin de former un dispositif de filtration pour la protection respiratoire. Cet appareil est destiné à protéger l'utilisateur des gaz, vapeurs et/ou particules pouvant présenter un danger pour l'organisme. Cet appareil peut aussi être utilisé dans un système à adduction d'air 3M (voir guide des références).

⚠ AVERTISSEMENTS ET LIMITES

Une attention particulière doit être portée aux énoncés d'avertissements lorsqu'ils sont indiqués.

⚠ AVERTISSEMENT

Toujours s'assurer que le produit:

- Convient à l'application pour laquelle il est utilisé;
- Est correctement porté;
- Est porté pendant toute la durée d'exposition au risque;
- Est changé dès que nécessaire.

Un choix correct, une formation, une utilisation et une maintenance appropriées sont essentiels pour que le produit puisse protéger l'utilisateur contre certains contaminants atmosphériques.

Le non-respect de toutes les instructions relatives à l'utilisation de ces produits et/ou le non-respect du port correct de cet appareil pendant toutes les périodes d'exposition peut nuire à la santé de l'utilisateur et provoquer une maladie grave ou une invalidité permanente.

- Pour une utilisation adéquate et acceptable, se référer aux recommandations locales en vigueur et aux informations fournies. Pour plus d'information, contacter un professionnel de la sécurité ou votre représentant 3M.
- Ne pas utiliser lorsque les concentrations d'exposition sont supérieures à celles données dans le paragraphe **Spécifications Techniques**.
- Ne pas utiliser ce masque respiratoire contre des polluants atmosphériques qui possèdent des propriétés d'auto-avertissement insuffisantes ou inconnues, ou contre des contaminants directement dangereux pour la vie ou la santé, ou contre les produits chimiques susceptibles de dégager des fortes chaleurs de réaction au contact de filtres chimiques.
- Ne pas utiliser dans les atmosphères contenant