

INSTRUCTIONS FOR USE Dual Cartridge Respirators (Half Mask EN140)

Type: □RM605 □RM606

The use of the half mask model RM605 / RM606 requires the knowledge of this instruction for use.
Repairs and the exchange of components have to be done by trained personal only, with the exclusive use of genuine spare parts.

The half mask is a PPE of category III EU certified according to Regulation (EU) 2016/425.

CHECKS TO USE:

- Check the head band for elasticity break, or tears.
- Check the respirator for crack, tears or holes.
- Check the inhalation and exhalation valves for crack, tears or distortion.
- Check the filter connectors for cracks or damage.
- If any problems are detected during any of the above inspection, immediately replace the respirator with a new one.
- Check the filters to be used before inserting them into the filter connectors.

Ensure that the correct filter is being used and also that the filter is clean.

FITTING INSTRUCTIONS



1. Pull the bottom straps by one hand and hold respirator by another hand.

2. Pull the bottom straps behind the neck.

3. Place the respirator around the mouth and nose, then pull the head harness over the crown of the head.

4. Thread the strap through pulling on end to obtain a secure and comfortable fit.

5. Insert the cartridge and adjust position to ensure the arrow sign align with the arrow sign on the half mask and then turn clockwise to lock in place.

6. Tightness test prior to use: Positive pressure test

a) Cover valve with palm of hand

b) Slowly exhale

c) The half mask is tight if it slightly lifts off.

7. Negative pressure test

a) Cover both filter openings with palm of hands

b) Inhale and hold breath for approx 10s

c) The half mask is tight if no ambient air enters (facepiece should collapse slightly) if any leakage is detected, correct before using respirator.

PERFORMANCE

The half mask satisfies the performance requirements stated in the standard EN140:1998 used for the designand EC certification.

Performance deals-

Breathing resistance meet the requirements below

Requirement	Inhalation (25cycles/minX2/litro oke or 160/min)	Exhalation (25cycles/minX2/litro oke or 160/min)	Inhalation (30/min)	inhalaion I(95/min)
Max Resistance	<2.0mbar	<3.0mbar	<0.5 mbar	<1.3mbar

FIELDS OF APPLICATION - RESPIRATORS

The half mask is designed to be used with the filters and in the fields of application below mentioned:

At any time two filters only of the same type and class must be used.

Mask	FILTER	COLOR	PROTECTION	TYPE	CE specification
RM605	Rosin	White	Particules & solid Aerosols only	P2 R (Note 2)	EN143:2000/A1:2006
	R653	Brown	Organic gasses & Vapor with a boiling point of > 65°C	A1	EN14387:2004/A1:2008
	R655	Yellow	Against sulphur dioxide and other acidic gases and vapours.	E1	EN14387:2004/A1:2008
	R657	Brown Gray Yellow Green	Note 1	A1B1E1K1	EN14387:2004/A1:2008
RM606	R660N	White	Particules & solid Aerosols only	P2 R (Note 2)	EN143:2000/A1:2006
	R663	Brown	Organic gasses & Vapor with a boiling point of > 65°C	A1	EN14387:2004/A1:2008

● Note 1: R657 protection against

A- Against certain organic gases and vapours with a boiling point >65°C.

B- Against certain inorganic gases and vapours.

C- Against sulphur dioxide and other acidic gases and vapours.

K- Against ammonia and organic ammonia derivatives.

● Note 2: Class 1- max concentration of 0.1 Vol. % (1000 ppm).

● Note 3: "R" means reusable so the filter can be used for more than one shift

WARNING

1. Not use in self tanks, enclosed places or in any circumstances where gas is likely to be present, unless the type of gas and its concentration is known and the respirator fitted with the appropriate gas filter, or in oxygen deficient atmospheres.

2. The respirator may not provide satisfactory facial seal with certain physical characteristics (such as beards or grossidburns), resulting in leakage which limits its protection.

3. The respirator does not supply oxygen and must be used if the contamination exceeds 0.1% by volume. The respirator must not be used when the oxygen content in the surrounding atmosphere is below 17% by volume.

4. Use the correct filters for the purpose intended and under the circumstances as indicated on each filter. The useful life of each filter will vary according to the concentration of vapors and/or particulates present and the activity of the wearer of the respirator.

5. The respirator is not designed for use in the case of excess of oxygen or explosive atmosphere.

STORAGE AND TRANSPORT

The respirator and its accessories can be stored at the point of sale for up to 3 years from date of manufacturing marked on the packaging. Used respirator can be stored in the original packaging, in a dry, non-contaminated environment and they must be stored away from direct sunlight, extreme temperatures (max.50 °C and min.-10 °C) and humidity (max. 90%). Used respirators must not be used after the expiry date marked on the package.

MAINTENANCE AND REPLACEMENT PARTS

The respirator and its accessories and elastic headbands can be replaced when required.

Filters shall be dismantled according to the national regulation and considering the substances they have retained.

CLEANING AND DISINFECTING

Cleaning: The respirator may be cleaned with a mild detergent or soap and water. Care must be taken to check that the inhalation and exhalation valves are in position and in good condition after cleaning.

Disinfecting: 1. It's required to disinfect the respirator every 3 months, according to the use.

2. Any part of the respirator which is in contact with the wearer shall be disinfected with alcohol.

PACKAGING

1. Year and month of shelf life: The end of shelf life is presented at the pictogram (the same of the marking of the filter) with the code yyyy/mm for year and month.

2. Manufacturer model designation with the pictogram of the marking of the half mask.

3. Manufacturer's recommended condition of storage (temperature and humidity) with the same pictogram of the marking of the half mask.

4. Suitable packaging for transport: is recommended to put the half mask in their original packaging which consist in a poly-bag to avoid exposing to air with a color box protecting half mask against colliding when shipping.

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ADVERTENCIA

1. No para usar en lugares quietos, tanques, encerrados o en cualquier circunstancia donde el gas estaria presente, salvo el tipo de gas y su concentración es conocido y el respirador se adecua al filtro de gas adecuado, o en ambientes con deficiencia de oxígeno.

2. El respirador puede no dar sellado facial satisfactorio con ciertas características físicas (como barbas o pestañas), resultando en pérdida limita su protección.

3. El respirador no suministra oxígeno y se debe usar si la contaminación excede 0.1% por volúmen. No se debe usar el respirador cuando el contenido de oxígeno en el ambiente es debajo de 17% por volumen.

4. Use los filtros específicos para el propósito propuesto y bajo las circunstancias indicadas en cada filtro. La vida útil de cada filtro varía según la concentración de vapores y/o partículas presentes y la actividad del usuario que usa el respirador.

5. El respirador no está diseñado para usar en caso de exceso de oxígeno y ambiente explosivo.

ALMACENAJE Y VIDA ÚTIL

Respiradores nuevos pueden ser almacenados en el punto de venta por hasta 3 años desde la fecha de fabricación marcada en el embalaje, en un ambiente seco, no contaminado, y se deben almacenar fuera de la luz solar directa, temperaturas extremas (max.50°C y min. -10°C) y humedad (<max. <90%). No se deben usar los respiradores usados después de la fecha de vencimiento en el embalaje.

MANTENIMIENTO Y REPUESTOS

Las válvulas de exhalación, inhalación y las bandas elásticas de cabeza pueden ser reemplazadas cuando necesario.

Se deben cambiar los filtros según las regulaciones locales y considerar las sustancias retidas.

LIMPIEZA Y DESINFECCIÓN

Limpieza: se puede limpiar el respirador con un detergente suave y agua. Se debe cuidar al verificar que las válvulas de inhalación y exhalación están en posición y en buena condición después de la limpiente.

Desinfección: 1. Se requiere desinfectar el respirador cada 3 meses, según el uso.

2. Cualquier parte del respirador que esté en contacto del usuario debe ser desinfectada con alcohol.

Embalaje

1. Fecha de caducidad. Está presentada en el icono (marcada como está en el filtro) con el Código yyyy / mm para el año y el mes.

2. Designación del modelo con el icono de la marca del filtro.

3. Condiciones recomendadas por el fabricante sobre el almacenamiento (temperatura y humedad) con el mismo icono del marcado del filtro.

4. Envases adecuados para el transporte: Se recomienda colocar el filtro en su embalaje original, que consiste en una bolsa de polietileno para evitar la exposición al aire. La bolsa protege contra golpes en el interior de la caja durante el transporte.

● Note 1: R657 protección contra

A- Contra ciertos gases y vapores orgánicos con un punto de ebullición >65°C.

B- Contra ciertos gases y vapores inorgánicos.

C- Contra el dióxido de azufre y otros gases y vapores ácidos.

K- Contra el amoníaco y derivados orgánicos del amoníaco.

● Note 2: Clase 1- concentración máxima de 0.1 Vol. % (1000 ppm).

● Note 3: "R" significa reutilizable para que el filtro se pueda utilizar en más de un turno.

AVERTIMENTO

1. Da non usarsi in distillatori, serbatoi, luoghi chiusi o in qualsiasi circostanza dove sia presente il gas, a meno che sia consciuto il tipo di gas e sia sua concentrazione e la maschera antigas sia dotata per il filtro per gas appropriato, oin atmosfera mancante di ossigeno.

2. La maschera antigas non fornisce ossigeno e deve essere usata se la contaminazione supera lo 0.1% in volume. La maschera antigas non si deve usare quando il contenuto di ossigeno dell'atmosfera circostante è inferiore al 17% in volume.

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4. Usare i filtri specifici per il scopo previsto e nelle circostanze indicate su ciascun filtro. La durata utile di ciascun filtro varia in base alla contaminazione delle sostanze presenti e all'attività di colui che indossa la maschera antigas.

5. La maschera antigas non è stata progettata per il suo uso in caso di eccesso di ossigeno o in atmosfera esplosiva.

IMMAGAZINAGGIO E DURATA DI CONSERVAZIONE

Le maschere antigas nuove si possono conservare nel punto vendita fino a 3 anni dalla data di fabbricazione segnata sull'imbalo.

Una maschera antigas usata si può conservare nel suo imballo originario, in un ambiente asciutto e non contaminato e si devono tenere lontano dalle sorgenti dirette della temperatura (ad esempio la luce solare diretta), temperature estreme (max.50 °C e min. -10 °C) e umidità (mass. <90%). Le maschere antigas non sono state progettate per il loro uso in atmosfera esplosiva.

MANUTENZIONE E PARTI DI RICAMBIO

Le valvole di respirazione ed inhalazione e le bande elastiche per il capo si possono sostituire quando necessario.

I filtri si devono smontare in base ai regolamenti nazionali e considerare le sostanze che hanno assorbito.

PULIZIA E DISINFEZIONE

Pulizia: La maschera antigas si può pulire con un leggero detergente o con acqua e sapone. Si deve fare attenzione a controllare che dopo la pulizia la valvola d'inhalazione ed eshalazione siano in posizione e in buone condizioni.

Disinfezione: 1. Qualsiasi parte della maschera antigas che è a contatto della persona che la indossa deve essere disinfeccata con alcool.

Imballaggio: 1. Anno e mese di scadenza La scadenza è presentata a livello del pitogramma (lo stesso della marcatura del filtro) con il codice yyyy/mm per anno e mese