



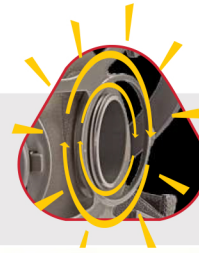
# V-7800

Dual filters For HFM & FFM

**VENUS dual gas filters used in connection with the VENUS V-800 half mask & VENUS V-600 Full Face Mask**

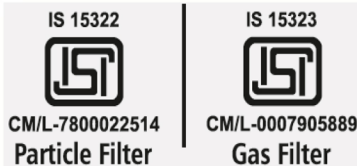
CE 0121  
EN 143  
Particle Filter

CE 0121  
EN 14387  
Gas Filter



**Threaded cartridge**  
● Easy to fit and replace

Class 2 Gas Filters & Combined Filters with standard connection



V-7800 A1 E1 Filters



V-7800 ABEK1 Hg P3 Filters



V-7800 P3 Filters



V-7800 A2 P3 Filters



V-7800 ABEK1 P2 Filters



V-7800 P3 OV Filters

## Technical Specifications:

- Materials:** High-quality thermoplastic elastomer (TPE).
- Standards:** CE-certified filters for tested performance.
- Test Gases & Limits:** Tested for gases like cyclohexane, ammonia, chlorine; MUL: 1000 ppm, 30x OEL, or 10x OEL.
- Accessories:** Exhalation valve, head harness, pre-filter retainers available.
- Compatibility:** Works with V-800 Half Face Mask and V-668 & V-667 Full Face Mask.

## Features of Venus V-7800 filters:

- Dual Filter System:** Threaded cartridges for easy replacement.
- Multiple Filter Types:** Filters for organic vapors, acid gases, and particulates.
- Certified Standards:** CE-certified filters with tested performance for specific gases and particulates.
- Size Options:** Masks available in Small, Medium, and Large.
- Lightweight and Durable Material:** Thermoplastic elastomer (TPE) construction.
- Accessories and Spare Parts:** Replaceable exhalation valves, head harnesses, and pre-filter retainers.



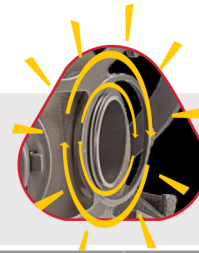
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FILTER	COLOUR CODE	HAZARD TYPE	TEST GASES	MAXIMUM USER LEVELS
<b>VENUS V-7800 A1</b> CE A1 Filter+ Pre-filters P2 R Item # 17087 		Organic Vapour(OV) + Particulate filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	1000 ppm or 10 X OEL whichever is lower
<b>VENUS V-7800 A1 E1</b> CE RF - Gas Filters Item # 17231 		Organic Vapour (OV) Acid Gases (AG)	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ) Sulphur Dioxide (SO <sub>2</sub> )	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 B1</b> CE RF - Gas Filters Item # 17091 		Inorganic Gases (IO)	Chlorine (Cl <sub>2</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Hydrogen Cyanide (HCN)	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 E1</b> CE RF - Gas Filters Item # 17088 		Acid Gases (AG)	Sulphur Dioxide (SO <sub>2</sub> )	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 K1</b> CE RF - Gas Filters Item # 17089 		Ammonia (AM) & derivatives	Ammonia (NH <sub>3</sub> )	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800</b> CE ABEK1 Filters + Pre-filters P2 R Item # 17090 		OV/IO/AG/AM + Particulate filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Chlorine (Cl <sub>2</sub> ), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 10 X OEL whichever is lower
<b>VENUS V-7800 P3 R</b> CE RF - HEPA Filters Item # 17026 		Particle Filter	Non highly volatile liquid / solid particles	30 X OEL
<b>VENUS V-7800 P3 R</b> CE RF - PANCAKE Filters Item # 17129 		Particle Filter	Non highly volatile liquid / solid particles	30 X OEL
<b>VENUS V-7800 P3 R OV</b> CE RF - Nuisance odour & Particulate Filters Item # 17178 		Particle Filter with nuisance VOC / odour	Non highly volatile liquid / solid particles	30 X OEL
<b>VENUS V-7800 P2R</b> CE RF - Pre-Filters Item # 17065 		Particle Filter	Solid particles	—
<b>VENUS V-7800</b> Retainer for pad filters Item # 13086				
<b>VENUS V-7800 A1 P3 R</b> CE RF - Gas Filters+Partic Filters Item # 17062 		Combined Filter OV + Particulate Filter P3	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ) with Hepa particle filter	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 ABEK1 P3 R</b> CE RF - Gas Filters+Partic Filters Item # 17059 		Combined Multigas Filter (OV/IO/AC/AM) + Particulate Filter P3	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Chlorine (Cl <sub>2</sub> ), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 ABEK1 Hg P3 R</b> CE RF - Gas Filters+Partic Filters Item # 17229 		OV/IO/AG/AM/Hg + Particulate Filter P3	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Chlorine (Cl <sub>2</sub> ), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> ), Mercury (Hg)	1000 ppm or 30 X OEL whichever is lower
<b>VENUS V-7800 A2 P3 R</b> CE RF - Gas Filters + Partic Filters Item # 17230 		Combined Filter OV + Particulate Filter P3	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ) with Hepa particle filter	5000 ppm or 30 X OEL whichever is lower
<b>VENUS V-800 +V-7800</b> CE ABEK1 +P2R Combo HFM+RF Gas & Partic Filters Item # 15054 		Combined Multigas Filter OV/IO/AG/AM + P2 Particulate Filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Chlorine (Cl <sub>2</sub> ), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 10 X OEL whichever is lower
<b>VENUS V-800 +V-7800</b> CE A1 Filter + P2 R HFM+RF Gas & Partic Filters Retail blister pack Item # 15047 		Combined Filter OV + P2 Particulate Filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	1000 ppm or 10 X OEL whichever is lower
<b>VENUS V-800 +V-7800</b> CE ABEK1 Filter + P2 R HFM+RF Gas & Partic Filters Retail blister pack Item # 15133 		Combined Multigas Filter OV/IO/AG/AM + P2 Particulate Filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Chlorine (Cl <sub>2</sub> ), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 10 X OEL whichever is lower

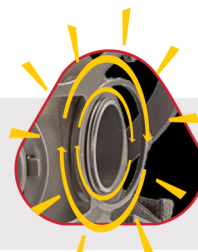
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## Benefits of Venus V-7800 filters:

1. **Dual Filter System:** Simplifies filter changes, ensuring convenience and uninterrupted protection.
2. **Multiple Filter Types:** Provides versatile protection across diverse hazardous environments.
3. **Certified Standards:** Guarantees reliable safety and compliance with regulatory requirements.
4. **Size Options:** Ensures a secure and comfortable fit for all users.
5. **Lightweight and Durable Material:** Increases comfort during prolonged use without compromising durability.
6. **Accessories and Spare Parts:** Extends product life and reduces replacement costs.

## User Instructions for Venus V-7800 filters:

1. **Selection:** Choose the appropriate filter based on hazard type and color coding.
2. **Compatibility:** Ensure the filter is attached to a VENUS Full Face Mask or PAPR with a standard 40mm thread connection.
3. **Inspection:** Check the filter for damages or expiration before use.
4. **Usage:** Install securely and ensure a proper seal to avoid leaks.
5. **Storage:** Store filters in a clean, dry place away from contaminants.
6. **Replacement:** Replace filters when breathing resistance increases or after recommended usage limits.

## Venus Gas Filters and Particle Filters Pair-Wise Used in Connection with Venus V-800 Half Face Mask and V-668 & V-667 Full Face Masks

Filter	Hazard type	Examples	Maximum Use Level	Colour Code
V-7800 A2 P3	Organic Vapour + Particle filter	Solvents such as Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	5000 ppm or 30 X OEL whichever is lower	
V-7800 ABEK1 P2	OV/IO/AG/AM + Particle filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Chlorine (Cl <sub>2</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> )	1000 ppm or 10 X OEL whichever is lower	
V-7800 ABEK1 Hg P3	OV/IO/AG/AM + Particle filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ), Chlorine (Cl <sub>2</sub> ), Hydrogen Sulphide (H <sub>2</sub> S), Hydrogen Cyanide (HCN), Sulphur Dioxide (SO <sub>2</sub> ), Ammonia (NH <sub>3</sub> ), Mercury (Hg)	1000 ppm or 30 X OEL whichever is lower	
V-7800 A1 E1	OV/AG	Carbon Tetrachloride (CCl <sub>4</sub> ), Sulphur Dioxide (SO <sub>2</sub> )	1000 ppm or 30 X OEL whichever is lower	
V-7800 P3	Particle filter	Non highly volatile liquid/Solid Particles	30 X OEL	
V-7800 B1	AM	Ammonia (NH <sub>3</sub> )	1000 ppm or 30 X OEL whichever is lower	
V-7800 A2 P3	OV + Particle filter	Cyclohexane (C <sub>6</sub> H <sub>12</sub> ) with HEPA	5000 ppm or 30 X OEL whichever is lower	



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