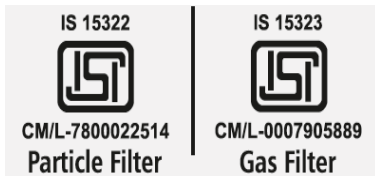


Technical Datasheet

Venus V-7700

Class 2 Gas Filters & Combined Filters with standard connection



V-7700 A2 P3 Filters



V-7700 ABEK2 P3 Filters



V-7700 P3 Filters



V-7700 K2 Filters



V-7700 ABEK2 Filters



V-7700 E2 Filters

Technical Specifications:

- Filter Types:** Gas (A1, ABEK1), Particulate (P2, P3), and Combination (ABEK1 P3).
- Hazard Protection:** Organic vapors, acid gases, ammonia, sulfur dioxide, chlorine, particulates, etc.
- MUL:** Up to 1000 ppm or 20x OEL for gases; up to 50x or 12x OEL for particulates.
- Standards:** CE certified for safety compliance.
- Compatibility:** Works with V-900 Half Face Mask and V-999 Full Face Mask.
- Design:** Lightweight, ergonomic, and durable for industrial use.

Features of Venus V-7700 filters:

- Standard Connection:** Compatible with VENUS Full Face Masks and PAPR's.
- Multiple Filter Options:** Designed for specific hazard types (e.g., Organic Vapour, Inorganic Gas, Acid Gas, Ammonia).
- Tested for Hazardous Gases:** Certified for Carbon Tetrachloride (CCl₄), Hydrogen Sulphide (H₂S), Sulphur Dioxide (SO₂), and more.
- Combined Filters:** Provide dual protection (e.g., OV+P3).
- Color Coding:** Easy identification of filters by color.
- Certified Standards:** IS 15322 (Particle Filters) and IS 15323 (Gas Filters).








Benefits of Venus V-7700 filters:

1. **Versatility:** Adaptable to various hazardous environments.
2. **Safety Assurance:** Certified for reliability and protection.
3. **Ease of Use:** Standardized connection system.
4. **Enhanced Protection:** Dual filtration for gas and particulate hazards.
5. **Long-Lasting:** Medium-capacity filters for extended use.
6. **Quick Identification:** Color coding simplifies filter selection.

User Instructions for Venus V-7700 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-600 & V-997 Masks

Filter	Hazard type	Examples	Maximum Use Level	Colour Code
V-7700 A2 P3	Organic Vapour + Particle filter	Solvents such as Carbon tetrachloride (CCl ₄)	5000 ppm or 2000 X OEL whichever is lower	
V-7700 ABEK2	OV/IO/AG/AM	Carbon Tetrachloride (CCl ₄), Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Sulphur Dioxide (SO ₂), Ammonia (NH ₃)	5000 ppm or 2000 X OEL whichever is lower	
V-7700 ABEK2 P3	OV/IO/AG/AM + Particle filter	Carbon Tetrachloride (CCl ₄), Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S), Sulphur Dioxide (SO ₂), Ammonia (NH ₃)	5000 ppm or 2000 X OEL whichever is lower	
V-7700 P3 HEPA	Particle filter	Non highly volatile liquid/Solid Particles	5000 ppm or 2000 X OEL whichever is lower	
V-7700 K2	AM	Ammonia (NH ₃) & Derivatives	5000 ppm or 2000 X OEL whichever is lower	
V-7700 E2	AG	Sulphur Dioxide (SO ₂)	5000 ppm or 2000 X OEL whichever is lower	
V-7700 B2	IO	Chlorine (Cl ₂), Hydrogen Sulphide (H ₂ S)	5000 ppm or 2000 X OEL whichever is lower	
V-7700 A2	OV	Carbon Tetrachloride (CCl ₄)	5000 ppm or 2000 X OEL whichever is lower	