

Technical Datasheet

Venus V-668

A time-tested powered respiratory system.
 An easily replaceable filter.



VENUS V-668 Full Face Mask Compatible with Venus V-7800 dual Gas filter

Item #	Colour	Size
110531901	GREY	MEDIUM-TPE with textile head band
110533501	GREY	MEDIUM-TPE with Pentabelt
110534501	GREY	MEDIUM- Silicon with textile head band
110534601	GREY	MEDIUM-Silicon, AF visor with textile head band



Technical Specifications

- **Model:** V-668.
- **Compatible Filters:** Venus V-7700 double gas filters for Class 2 and Class 1.
- **Material Options:**
 - TPE with textile headband.
 - TPE with Pentabelt.
 - Silicone with textile headband.
 - Silicone with AR visor and textile headband.
- **Approval Standards:**
 - IS 14166 Full Face Mask compliance.
 - IS 14138 (Part 1): 1994 for threading.



Features of V-668

1. **Zero Power Hard Coated Visors:** Made of impact-resistant PC lens with a hard-coated surface.
2. **Silicone Exhalation Valve:** Efficient ventilation system with easy maintenance.
3. **Inner Face Piece of Silicone:** Skin-friendly silicone material used for the inner facepiece.
4. **6-Strap Head Harness:** Even weight distribution with robust head support.
5. **Speech Diaphragm:** Built-in mechanism for sound transmission.
6. **Standard Thread (RD40):** Compatible with standard RD40 gas filters.

Benefits of V-668

1. **Zero Power Hard Coated Visor:** Provides high clarity, durability, and double anti-fog protection for enhanced visibility and long-lasting use.
2. **Silicone Exhalation Valve:** Ensures smooth airflow and prevents moisture buildup for user comfort.
3. **Inner Face Piece of Silicone:** Prevents fogging on the visor and ensures user comfort during prolonged usage.
4. **6-Strap Head Harness:** Offers good comfort during tough conditions and provides a leak-proof fit for maximum safety.
5. **Speech Diaphragm:** Enables easy and audible communication without removing the mask.
6. **Standard Thread (RD40):** Ensures flexibility and compatibility with a variety of filters for different applications

Cautions and Limitations

1. Not suitable for oxygen-deficient environments (<19.5% oxygen).
2. Ensure proper filter selection for specific contaminants.
3. Avoid use in environments with unknown or immediately dangerous concentrations of gases.
4. Regularly inspect the mask and replace damaged components or filters.
5. Proper fit testing is essential for effective protection.
6. Not intended for underwater or firefighting applications.

User Instructions

1. **Inspection:** Check the mask and components for damage before each use.
2. **Assembly:** Attach the appropriate filter securely based on the application.
3. **Fitting:** Adjust the straps for a snug, leak-proof fit; conduct a seal check.
4. **Usage:** Use only in environments with sufficient oxygen and known contaminants.
5. **Maintenance:** Clean the mask after use and store it in a dry, clean place.
6. **Replacement:** Replace filters as per manufacturer guidelines or when breathing resistance increases.

Applications:

1. **Chemical and Petrochemical Industries:** Protects against toxic gases, vapors, and chemicals like chlorine and ammonia.
2. **Spray Painting and Coating:** Shields from paint mist, solvents, and fumes in automotive and industrial painting.
3. **Pharmaceutical Manufacturing:** Ensures protection against airborne powders and chemical reactions.
4. **Mining and Smelting:** Guards against particulate matter, dust, and harmful gases like sulfur compounds.
5. **Oil and Gas Industry:** Ideal for exposure to hydrocarbons, hydrogen sulfide, and VOCs.
6. **Hazardous Waste Management:** Suitable for spill cleaning and handling toxic or unknown materials.
7. **Industrial and Construction:** Provides safety in welding, machining, and dusty environments.
8. **Agriculture and Pesticides:** Protects during pesticide, herbicide, and fertilizer application.
9. **Emergency Response:** Critical for fire, rescue, and chemical spill teams.