

3M 07154

3M Versaflo Powered Air Purifying Respirator Kit

MODEL: TR-600-HKS (07154)

Product Overview

The 3M Versaflo TR-600-HKS Powered Air Purifying Respirator (PAPR) Kit is designed to provide respiratory protection in various industrial and healthcare environments. This all-in-one kit offers a user-friendly and easy-to-maintain solution for protection against airborne particulates. It is suitable for applications requiring high-capacity battery life and reliable respiratory safety.

Kit Contents

The TR-600-HKS kit includes all necessary components for immediate use:

- Small Soft Headtop Headcover
- PAPR unit (TR-602N)
- Standard Battery (TR-630) and Single Station Battery Charger (TR-641N)
- Breathing Tube (BT-30 Length Adjusting)
- Airflow Indicator (TR-971)
- Easy Clean Belt (TR-627)
- Particulate and Gas/Vapor Filter (TR-6710N)
- Filter Cover (TR-6700FC)
- Cleaning and Storage Kit (TR-653)



Figure 1: All components included in the 3M Versaflo TR-600-HKS PAPR Kit.



Designed to help protect the healthcare worker from airborne particulates – without compromising comfort or flexibility.

Figure 2: Detailed view of the PAPR unit, battery, charger, belt, filter, and airflow indicator.

Accessories included in kit

TR-971 Airflow Indicator

TR-627 Easy Clean Belt



TR-630 Standard Battery and TR-641N Single Station Battery Charger

TR-602N PAPR Unit, TR-6710N Filter and TR-6700FC Filter Cover

Figure 3: Detailed view of the S-133 Soft Headtop, BT-30 Breathing Tube, and TR-653 Cleaning and Storage Kit.

Setup Instructions

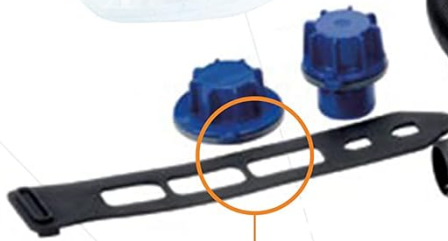
1. **Charge the Battery:** Connect the TR-630 Standard Battery to the TR-641N Single Station Battery Charger. Plug the charger into a power outlet. The battery status indicator on the charger will show charging progress. Ensure the battery is fully charged before first use.
2. **Install Filter:** Insert the TR-6710N Particulate and Gas/Vapor Filter into the PAPR unit (TR-602N). Secure it with the TR-6700FC Filter Cover.
3. **Attach Breathing Tube:** Connect one end of the BT-30 Length Adjusting Breathing Tube to the PAPR unit and the other end to the S-133 Soft Headtop. Ensure connections are secure.
4. **Attach Belt:** Secure the TR-627 Easy Clean Belt to the PAPR unit.
5. **Perform Airflow Check:** Before donning, attach the TR-971 Airflow Indicator to the breathing tube outlet. Turn on the PAPR unit. The indicator ball should rise to the designated mark, confirming adequate airflow.

Accessories included in kit

S-133 Soft Headtop



TR-653 Cleaning and Storage Kit



BT-30 Length Adjusting Breathing Tube



Figure 4: Proper wearing of the 3M Versaflo PAPR system.

Operating Instructions

1. **Donning the System:** Place the S-133 Soft Headtop over your head, ensuring a comfortable and secure fit. Adjust the breathing tube for optimal comfort and movement. Secure the TR-627 Easy Clean Belt around your waist with the PAPR unit positioned comfortably on your back or hip.
2. **Power On:** Press the power button on the PAPR unit to turn it on. The unit will perform a self-check, and visual and audible alarms will indicate its status.
3. **Monitor Status:** The PAPR unit features visual battery charge and particulate filter loading status indicators. Regularly check these indicators during operation to ensure continuous protection. Audible and vibratory alarms will alert the user to low battery or low airflow conditions.
4. **Battery Life:** The high-capacity battery provides up to 12 hours of continuous run time, depending on filter type and airflow settings.
5. **Power Off:** When finished, press and hold the power button to turn off the PAPR unit.

Maintenance

Regular maintenance ensures the longevity and effectiveness of your 3M Versaflo PAPR system.

- **Cleaning:** Use the included TR-653 Cleaning and Storage Kit to clean the headtop, breathing tube, and PAPR unit after each use. Follow the instructions provided with the cleaning kit. The headcover is designed for low maintenance.
- **Filter Replacement:** Replace the particulate and gas/vapor filter (TR-6710N) as indicated by the filter loading status indicator or as per your facility's guidelines and exposure levels. Always use genuine 3M replacement filters.
- **Battery Care:** Recharge the battery after each use. Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery to prolong its lifespan.
- **Storage:** Store the complete PAPR system in a clean, dry environment, away from direct sunlight and extreme temperatures.

Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Low Airflow Alarm	Clogged filter; kinked breathing tube; low battery.	Replace filter; straighten tube; recharge/replace battery.
Low Battery Alarm	Battery needs charging.	Recharge the battery using the provided charger.
Unit Not Turning On	Battery not installed correctly; battery fully discharged; unit malfunction.	Ensure battery is seated properly; charge battery; contact 3M support.

Specifications

Feature	Detail
Model Number	07154
Package Dimensions	22.25 x 13.75 x 11.75 inches
Item Weight	11.85 Pounds
Battery Type	1 Lithium Ion battery (included)
Battery Run Time	Up to 12 hours (4-12 hours range)

Feature	Detail
Headcover Size	Small/Medium (S/M)
Protection Type	Particulates
Approvals	NIOSH Approved
Country of Origin	USA

3M™ Versaflo™ Headcover PAPR Kit TR-600-HKS Powered Air Purifying Respirator

- **Size**

☒ S/M

- **Battery Life**

☒ 4-12 Hours

- **Protection type**

☒ Particulates

- **Others**

☒ NIOSH Approved

Figure 5: Key specifications for the 3M Versaflo TR-600-HKS.

Warranty and Support

For detailed warranty information, please refer to the documentation included with your product or contact 3M directly. This product is intended for industrial/occupational use only and not for consumer sale or use. Misuse may

result in injury, sickness, death, or property damage.

For further assistance, technical support, or to access the full user manual, please visit the official 3M website or consult the provided PDF user guide: [3M Versaflo TR-600 User Manual \(PDF\)](#).