

Comfort Simplicity Versatility



3M™ Versaflo™ Respirator Systems for Pharmaceutical Applications

Whether you are working with Active Pharmaceutical Ingredients (APIs), or performing mixing, granulation, compression or filling, 3M's new Versaflo™ Respirator Systems are a comfortable, comprehensive approach to worker protection. Each system has three easy-to-select modules—headgear, breathing tubes and air sources—that can be combined into dozens of system configurations. This allows Versaflo system users to experience maximum flexibility as they move from one environment to another, or from one application to the next.

VERSAFLO™ HEADGEAR

- Excellent peripheral and downward vision
- Modern, light and well-balanced designs
- Adjustable airflow available on M-Series and S-Series Premium Suspension Hoods
- Flexibility to choose reusable or integrated suspension on S-Series products



VERSAFLO™ BREATHING TUBES

- Innovative Quick Release Swivel (QRS) connects quickly to the headgear and swivels to minimize loops and kinks in the breathing tube
- Versaflo™ BT-30 Length Adjusting Breathing Tube features a flexible helix that adjusts to the appropriate length for the individual wearer, reducing the potential to catch on the wearer's surroundings

VERSAFLO™ AIR SUPPLY SOURCES

TR-Series

- Compact and lightweight
- Equipped with automatic flow control, low battery alarm, and low flow alarm
- Suitable for use in a decontamination shower with a spray angle of up to 60 degrees from vertical (EN 60529, IP53)
- Air inlet draws air from bottom of unit, allowing the wearer to sit comfortably without blocking airflow intake
- Two Lithium Ion battery options (half shift and full shift)

GVP

- Two 8-hour battery options: Nickel Cadmium (Intrinsically Safe) and Nickel Metal Hydride
- Visual low battery alarm
- Inlet and outlet plugs come standard to allow motor blower to be completely sealed for decontamination
- Configurable with nine different cartridge and filter combinations



Scan to learn more or request
a product demo.

Download reader @
<http://get.beetag.com>.



3M™ Versaflo™ Complete System Kits

EASY CLEAN PAPR KIT

TR-300-ECK

Perfect for many pharmaceutical applications where a reusable suspension is preferred. The TR-300-ECK kit includes an S-655 Hood, a TR-307N PAPR with Easy Clean Belt, and a BT-30 Breathing Tube. A battery charger, TR-3710N filter and prefilter are included with the TR-307N PAPR.



HEADCOVER PAPR KIT

TR-300-HKS (Small Headcover Kit) TR-300-HKL (Large Headcover Kit)

The easiest way to select a complete system for pharmaceutical applications where a disposable headcover is preferred. Includes an S-133 APF 25 Headcover, a TR-307N PAPR with Easy Clean Belt, a BT-30 Breathing Tube, charger, TR-3710N filter and a storage bag. Available in two sizes: Small/Medium and Medium/Large.



3M™ Versaflo™ Systems are Easy to Select

1 Choose Your Headgear

3M™ VERSAFLO™ S-SERIES HOODS AND HEADCOVERS

S-Series Integrated Suspension Headcovers

APF 25 Respiratory Protection
S-103 Economy Headcover
S-133 Headcover
S-133B Blue Headcover



S-Series Integrated Suspension Hoods

APF 1000** Respiratory Protection
S-403 Economy Hood
S-533 High Durability Integrated Suspension Hood



S-Series Premium Suspension Hoods

APF 1000** Respiratory Protection, Reusable Suspension, Adjustable Airflow
S-655 Hood with Collar
S-657 Hood with Inner Shroud
S-855 Sealed Seam Hood with Collar
S-857 Sealed Seam Hood with Inner Shroud



3M™ VERSAFLO™ M-SERIES FACESHIELDS AND HARD HATS

M-105 Faceshield with Standard Visor and Faceseal

M-305 Hard Hat† with Standard Visor and Faceseal
APF 25 Respiratory Protection, Eye/Face Protection, Adjustable Airflow



M-405 Helmet† with Standard Visor and Shroud

APF 1000** Respiratory Protection, Head Protection, Eye/Face Protection, Adjustable Airflow



†ANSI Z89.1 - 2003 Type 1 Class G

2 Choose Your Breathing Tube

3M™ VERSAFLO™ BT-SERIES BREATHING TUBES

BT-20S/BT-20L
Light Duty Breathing Tube



BT-30
Length Adjusting Breathing Tube



3 Choose Your Air Supply Source

3M™ VERSAFLO™ TR-SERIES POWERED AIR PURIFYING RESPIRATORS (PAPRS)*

TR-300 Particulate PAPR

TR-305N Standard Belt & Economy Battery Assembly
TR-307N Easy Clean Belt & High Capacity Battery Assembly (pictured)



3M™ VERSAFLO™ V-SERIES SUPPLIED AIR VALVES

V-Series Valves

V-100 Vortex Cooling Assembly
V-200 Vortemp™ Heating Assembly
V-300 Air Regulating Valve Assembly
V-400 Low Pressure Connector Assembly

All V-Series Supplied Air Valves require a supplied air hose to complete the NIOSH-approved respirator system. These hoses are available in many different lengths and are sold separately.



3M™ GVP-SERIES POWERED AIR PURIFYING RESPIRATORS (PAPRS)

Intrinsically Safe/NiCd

GVP-1 Assembly
GVP-1U with Vinyl Belt
GVP-CB with Comfort Belt

NiMH

GVP-1NiMH
GVP-1UNiMH with Vinyl Belt
GVP-CBNiMH with Comfort Belt

All GVP-Series PAPRs require a cartridge or filter (both sold separately) to complete the NIOSH-approved respirator system.



*Operating Altitude approx. sea level to 2,600ft (800m). For altitudes above 2,600ft, contact 3M.

**OSHA assigned protection factors defined in 29 CFR 1910.134. 3M supports an APF of 1000 for the S-Series Hoods and M-Series Hard Hats. Contact 3M Technical Service for supporting test procedures and data. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

For More Information

In U.S.

Technical Assistance
Customer Care Center

1-800-243-4630
1-800-328-1667
3M.com/PPESafety
3M.com/Versaflo

In Canada

Technical Assistance
Customer Care

1-800-267-4414
1-800-364-3577
3M.ca/safety



General Offices

3M Center, Building 235-2W-70
St. Paul, MN 55144-1000

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70-0715-7443-1



WARNING

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.