# **3M™ Versaflo™ Respirator Systems**



# Comfort Simplicity Versatility

# **Highly Versatile Systems for Respiratory Protection**

3M<sup>™</sup> Versaflo<sup>™</sup> 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.

3M.com/Versaflo



# **New Levels of Comfort and Simplicity**

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BLEND SUPPLY

Easily removable parts allow simple cleaning, maintenance and replacement

Two-position adjustable airflow feature distributes air where the user wants

Provides excellent peripheral and downward vision

TR-300 PAPR available with backpack accessory



QRS (Quick Release Swivel) breathing tubes allow fast and easy connection

All 3M™ Versaflo™ products

are light-weight, compact

and well-balanced

Multiple size adjustment options allow for a comfortable fit

Equipped with automatic flow control, low battery alarm, and low flow alarm

The air inlet draws air from the bottom of the unit, allowing the wearer to sit without blocking the airflow intake

# **Protection Against Multiple Hazards**

Now you can configure 3M™ Versaflo™ systems to help protect users from a variety of combined hazards.



**Respiratory Protection** 



**Head Protection** 



**Eye and Face Protection** 



**Hearing Protection** 



# 3M™ Versaflo™ Complete System Kits

Build your own Versaflo™ system or choose from one of our complete system kits. These kits offer the convenience of a complete system tailored to your application — all in one box.

# EASY CLEAN PAPR KIT



## **TR-300-ECK**

Perfect for many pharmaceutical, healthcare, and food and beverage applications, 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 TR-3600 prefilter are included as part of the TR-307N.

# **BELT-MOUNTED PAPR PAINTER'S KIT**



A complete PAPR solution for painters. Includes a GVP-CB PAPR Assembly (including battery, comfort belt, and charger), a GVP-441 OV/HE Filter with GVP-119 shower cover, a BT-20L Breathing Tube with BT-922 Breathing Tube Cover, and a M-101 Respiratory Faceshield with a M-925 Visor and M-936 Comfort Faceseal.

## **HEAVY INDUSTRY PAPR KIT**



A complete particulate PAPR system for industrial applications where combined respiratory, head, eye and face protection is required or desired. Includes an M-307 Respiratory Hard Hat, a TR-306N PAPR with High Durability Leather Belt, and a BT-40 Heavy Duty Breathing Tube. A battery charger, TR-3710N filter, and TR-362 spark arrestor/prefilter are included as part of the TR-306N.

## PAINTER'S SUPPLIED AIR RESPIRATOR KIT



SA-100-PSK / 37336

For painters who want to use a Supplied Air Respirator. Includes a V-100 Vortex Cooling Assembly, a BT-20L Breathing Tube with BT-922 Breathing Tube Cover, and a M-101 Respiratory Faceshield with a M-925 Visor and M-936 Comfort Faceseal. A supplied air hose (sold separately) is required to complete the NIOSH-approved system. Contact 3M Technical Service for information on air source options and air quality requirements.

## **HEADCOVER PAPR KIT**



The easiest way to select a complete system for hospital, healthcare, and pharmaceutical applications where an S-133, APF 25 Headcover is appropriate. Includes an S-133 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.





S-655

# 3M™ Versaflo™ Systems are Easy to Select

Choosing a Versaflo™ system is as easy as 1, 2, 3. Just choose headgear, a breathing tube, and an air source that fits your needs from the product matrix below. All Versaflo components are interchangeable, giving you the flexibility to find different Versaflo solutions for different exposures, applications, locations, or tasks.



# **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-403 Economy Hood

S-533 High Durability Integrated Suspension Hood

#### **S-Series Premium Suspension Hoods**

APF 1000<sup>3</sup> **Respiratory Protection,** Reusable Suspension, **Adjustable Airflow** 

S-655 Hood with Collar

S-657 Hood with Inner Shroud

S-757 Painter's Hood with Inner Shroud

S-855 Sealed Seam Hood with Collar

S-857 Sealed Seam Hood with Inner Shroud

# 3M™ VERSAFLO™ M-SERIES FACESHIELDS, HARD HATS AND HELMETS



M-100 Series **Faceshields** 

**APF 25 Respiratory Protection, Eye/Face Protection, Adjustable Airflow** 

M-105 Faceshield with Standard Visor and Faceseal

M-107 Faceshield with Premium Visor and Flame Resistant Faceseal



M-300 Series **Hard Hats** 

**APF 25 Respiratory Protection, Head Protection, Eye/Face Protection, Adjustable Airflow** 

M-305 Hard Hat<sup>†</sup> with Standard Visor and Faceseal

M-307 Hard Hat<sup>†</sup> with Premium Visor and Flame Resistant Faceseal



M-400 Series Helmets

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

M-405 Helmet<sup>†</sup> with Standard Visor and Shroud

M-407 Helmet<sup>†</sup> with Premium Visor and Flame Resistant Shroud

† ANSI Z89.1-2003 Type I Class G.

# **Choose Your Breathing Tube**

## 3M™ VERSAFLO™ BT-SERIES BREATHING TUBES

All BT-Series breathing tubes feature the QRS (Quick Release Swivel) connection for maximum comfort and ease of use.



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



Length Adjusting Breathing Tube



**Heavy Duty Breathing Tube** 



# 3 Choose Your Air Supply Source

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#### **TR-300 Particulate PAPR**

TR-305N Standard Belt & **Economy Battery** 

TR-306N High Durability Belt & **High Capacity Battery** 

TR-307N Easy Clean Belt & **High Capacity Battery** 



# 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)**

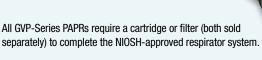
#### Intrisically Safe/NiCd

**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



# Additional 3M™ Headgear Options

3M" H-Series Hoods and L-Series Headgear can also be configured with the new Versaflo systems, and offer more choices and flexibility for your application. Contact your 3M representative for details.

# 3M™ H-SERIES HOODS

#### **H-Series Hoods**

APF 1000\*\* Respiratory Protection, Head Protection, Reusable Suspension

H-412 Hood with Hard Hat\*\*\* and Inner Collar

H-422 Hood with Hard Hat\*\*\* and Inner Shroud

H-612 Sealed Seam Hood with Hard Hat and Inner Collar

\*\*\*\* ANSI Z89.1-2003 Type I Class E.



# 3M™ L-SERIES HEADGEAR

#### L-Series Headgear

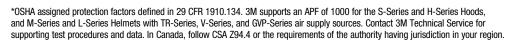
APF 25 (L-705SG) or APF 1000\* (L-901SG/L-905SG) Respiratory Protection, Head Protection, Eye/Face Protection

L-705SG Hard Hat<sup>tt</sup> with Speedglas™ Welding Shield and Wideview Faceshield

L-901SG Helmet<sup>++</sup> with Wideview Faceshield and Shroud

L-905SG Helmet<sup>††</sup> with Speedglas™ Welding Shield, Wideview Faceshield and Shroud

<sup>††</sup> ANSI Z89.1-2003 Type II Class G. CAN/CSA Z94.1-05 Class G protective helmets.



<sup>†</sup> Operating Altitude approx. sea level to 2,600ft (800m). For altitudes above 2,600ft, contact 3M.

# SELECTION GUIDE



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Industry/Applications	Contaminant Type	Airsource Options	6.403	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<b>8</b> 33	533						6	6.			05	67	75.7	3 3	6/2
General Maintenance and Manufacturing																				
Sweeping, Grinding, Drilling, Sawing, Cutting	Particles	• TR-300 • GVP PAPR • V-Series	•	•	•	•	•	•	0	0	0	•	0	•	0		0	0	0	C
Powder Painting	Particles	• TR-300 • GVP PAPR • V-Series	0	0	•	•	•	•	•	0	0	•		•		•		•		C
Spray Painting, Coating, Surface Preparation	Particles/ Gases and Vapors	• GVP PAPR • V-Series	0	0	•	•		0	•			•	•					•	•	
Pharmaceutical Manufacturing																				
Powder Handling, Mixing, Pulverizing and Shaping	Particles	• TR-300 • GVP PAPR • V-Series	•	•	•	•	•	•	0	•	•		0		0		0	•		
Liquid Chemical Handling, Mixing and Spraying	Particles/ Gases and Vapors	• GVP PAPR • V-Series	0	0	0	•	0	•	0	•	•	0	0	0	0			•		
Medical and Health Care																				
Infection Control and Cleaning	Particles	• TR-300 • GVP PAPR • V-Series	•	•	•	•		0	0	0	0	0	0	0	0	0	0	0	0	
Food and Beverage																				
Powder Handling and Mixing	Particles	• TR-300 • GVP PAPR • V-Series	•	•	•	•	•	•	0	0	0	•	0		0		0	•	•	
Chemical Industry																				
Liquid Chemical Handling, Mixing and Spraying	Particles/ Gases and Vapors	• GVP PAPR • V-Series	0	0	0	•	0	•	0	•	•	0	0	0	0			•		
cupational use of respirators must be ndards. Consult your safety professio personal protective requirements for		Primary Use					Secondary Use							Tertiary Use						

the personal protective requirements for your application.

# 3M<sup>™</sup> Versaflo<sup>™</sup> Respirator Systems





# **BLEND SUPPLY**

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## **For More Information**

## In U.S.

Technical Assistance 1-800-243-4630
Hours of Operation: 8:00 a.m. – 4:30 p.m. CST

Customer Care Center 1-800-328-1667

Hours of Operation: 7:00 a.m. – 5:00 p.m. CST

Internet 3M.com/PPESafety 3M.com/Versaflo

## In Canada

 Technical Assistance
 1-800-267-4414

 Hours of Operation:
 8:00 a.m. - 4:30 p.m. EST

 Customer Care
 1-800-364-3577

 Hours of Operation:
 7:30 a.m. - 6:00 p.m. EST

Internet 3M.ca/safety



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Download reader @ http://get.beetagg.com.



### **AWARNING**

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.