3M Science. Applied to Life.™



3M™ Versaflo™ TR-800 Intrinsically Safe Powered Air Purifying Respirator



The new standard in intrinsically safe respiratory protection.

#3MScienceOfSafety



Personal protection that helps minimize the risk of fire or explosion.

The TR-800 is a PAPR blower UL-certified with an intrinsically safe (IS) rating of Division 1: IS Class I, II, III; Division 1 (includes Division 2) Groups C, D, E, F, G; T4, under the most current standard (UL 60079, 6th Edition, 2013).

Whenever the job takes your people into a potentially explosive area – whether from flammable gases and liquids or combustible dust – ignition from an electrical source could trigger a disaster.

Now, with the introduction of the **3M™ Versaflo™ TR-800 Powered Air Purifying Respirator** (PAPR), you can give the people in your care a high level of respiratory protection and help minimize the risk of fire or explosion.

As part of the 3M Versaflo family, when the TR-800 is combined with Versaflo headtops, belts, and other accessories, it becomes part of a NIOSH-approved respirator system featuring: multiple speeds, audible and visual alarms and the ability to work with a wide variety of cartridges.

Advanced features that help make the 3M™ Versaflo™ TR-800 Powered Air Purifying Respirator stand above the rest.



Innovative Materials
3M-patent pending material capable of meeting current IEC/UL 60079 material properties requirement while still meeting aging, conditioning and drop test requirements for IS products

Easy Identification
Bright yellow touchpoints to differentiate from non-IS versions of Versaflo Product Family

Secure Battery Attachment
Mechanical attachment of battery to help prevent battery removal and spark risk during use per IEC/UL 60079

Battery Protection
Battery features bumpers to help absorb impact

A truly global respirator platform

The TR-800 will be launched globally, which gives multinational customers the option to standardize on one product platform with both NIOSH and CE versions available.

Designed for improved worker comfort, convenience and control.

Keep the air flowing – Multi-speed blower functions at altitudes up to 16,000 feet. Battery offers long run time and charges quickly, achieving 90% charge in approximately 3.5 hours.

More options for more tasks – Choose from particulate filters or gas and vapor combination cartridges for protection in a variety of environments.

Work at your own speed – Multiple airflow rates put you in control of your comfort.

Battery:

- Approximately 750 full charge/discharge cycles.
- Built in charge level indicator.
- Mechanical attachment of battery to help prevent battery removal during use.



Work with ease – Intuitive, colored touchpoints plus visual and audible lowflow indicators help make the TR-800 easy to use.

3M™ Versaflo™ TR-800 Intrinsically Safe Powered Air Purifying Respirator

Pharmaceutical



The new standard of protection for hazardous environments.

Interchangeable components enable you to build a customized PAPR system to help you meet the needs of your specific application.

Whether you're mixing and granulating compounds in a pharmaceutical facility or working with combustible gases in the oil and gas industry, the TR-800 motor blower is built for environments where intrinsically safe (IS) equipment is essential. These types of environments may be found in industries such as:

- **Food production**
- **Chemical handling**
- **Oil and gas refining**
- **Automotive and industrial paint spraying**
- **Pharmaceutical manufacturing**

- Fully submersible* product features a smooth design surface that's quick and easy to clean.
- Ergonomically designed for greater movement in tight work spaces, such as overhauling and/or cleaning reactors and tanks.
- Designed for work areas requiring Intrinsically Safe (IS) rated equipment.

*Requires purchase of TR-653 Cleaning and Storage Kit

Oil and Gas



- Ergonomically designed for greater movement in tight work spaces during plant turnaround and maintenance activities.
- Simplifies PPE compatibility challenges for contractors with a solution designed to provide integrated respiratory, eye, face, and head protection.
- Designed for plant areas where work permits require Intrinsically Safe (IS) rated equipment.

Paint Spray



- Ergonomically designed for greater movement in paint booth. Unlike supplied air systems, a PAPR does not require that you be connected to your air source by an air line, leaving you free to go where you need to go.
- Multiple NIOSH-approved headgear options available with TR-800 to meet the needs of paint spray applications, including the Respiratory Faceshield Assembly M-206 and the Painter's Hood Assembly S-757.
- Fully submersible* product features a smooth design surface that's quick and easy to clean.

*Requires purchase of TR-653 Cleaning and Storage Kit



Complete PAPR kits available.



RECOMMENDED FOR:

Paint spray booths or other enviroments where IS equipment is required.

Painter's Kit TR-800-PSK

INCLUDES:

- **M-206** Respiratory Faceshield Assembly
- **BT-20L** Breathing Tube
- **TR-6510N** (OV/HE) Cartridge
- **TR-641N** Single Station Battery Charger
- **BT-922** Breathing Tube Cover
- **TR-802N** Intrinsically Safe PAPR Unit
- **TR-830** Intrinsically Safe Battery
- **TR-838** Battery Attachment Tool
- **TR-627** Easy Clean Belt
- **TR-6500** Filter Cover
- **TR-971** Airflow Indicator
- **TR-653** Storage and Cleaning Kit



RECOMMENDED FOR:

Pharmaceutical and other industries where frequent cleaning of the PAPR unit is necessary.

Easy-Clean Kit TR-800-ECK

INCLUDES:

- **S-433L** Hood with Integrated Head Suspension
- **BT-30** Length Adjusting Breathing Tube
- **TR-6710N** (HE) Filter
- **TR-641N** Single Station Battery Charger
- **BT-922** Breathing Tube Cover
- **TR-802N** Intrinsically Safe PAPR Unit
- **TR-830** Intrinsically Safe Battery
- **TR-838** Battery Attachment Tool
- **TR-627** Easy Clean Belt
- **TR-6700** Filter Cover
- **TR-6600** Prefilter (X2)
- **TR-662** Spark Arrestor (X2)
- **TR-653** Storage and Cleaning Kit
- **TR-971** Airflow Indicator



RECOMMENDED FOR:

Oil and gas refineries, chemical manufacturing and other enviroments where IS equipment is required

Heavy Industry Kit TR-800-HIK

INCLUDES:

- **M-307** Respiratory Hard Hat Assembly with Premium Visor and Faceseal
- **TR-802N** Intrinsically Safe PAPR Unit
- **TR-830** Intrinsically Safe Battery
- **TR-838** Battery Attachment Tool
- **BT-30** Length Adjusting Breathing Tube
- **TR-626** High Durability Belt
- **TR-6530N** OV/AG/HE Cartridge
- **TR-6500** Filter Cover
- **TR-641N** Single Station Battery Charger Kit
- **TR-971** Airflow Indicator
- **BT-926** High Temperature Breathing Tube Cover
- **TR-6600** Prefilter (x2)
- **TR-662** Spark Arrestor (x2)
- **TR-653** Storage and Cleaning Kit

	Product	SKU	UPC
	**3M™ Versaflo™ TR-802N PAPR Motor/Blower, Intrinsically Safe**	70071730025	00076308942427
	**3M™ Versaflo™ TR-830N Battery, Intrinsically Safe**	70071697117	00076308942434
	**3M™ Versaflo™ TR-838 Battery Attachment Tool**	70071697125	00076308942441
	**3M™ Versaflo™ TR-851 Filter Latch Assembly**	70071697133	00076308942458
	**3M™ Versaflo™ TR-813N Assembly, Heavy Duty**	70071697141	00076308942465
	**3M™ Versaflo™ TR-814N Assembly, Easy Clean**	70071697158	00076308942472
	**3M™ Versaflo™ TR-800-PSK Paint Spray Kit**	70071697166	00076308942489
	**3M™ Versaflo™ TR-800-ECK Easy Clean Kit**	70071697174	00076308942496
	**3M™ Versaflo™ TR-800-HIK Heavy Industry Kit**	70071697182	00076308942502

For more information, visit us at 3M.com/versaflo800

⚠WARNING

These respirators help reduce exposures to certain airborne particulates. 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 injury, illness or death. For correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

3M General Offices
3M Center, Building 235-2W-1000
St. Paul, MN 55144-1000
3M.com/versaflo

3M Canada Company PSD
P.O. Box 5757
London, Ontario N6A 4T1
Canada

For More Information
Technical Assistance in US
1-800-243-4630
Technical Assistance in Canada
1-800-267-4414
www.3M.com/workersafety

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