



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

**Benefit from the new
standard in intrinsically
safe respiratory protection**



Personal protection that helps minimize the risk of fire or explosion

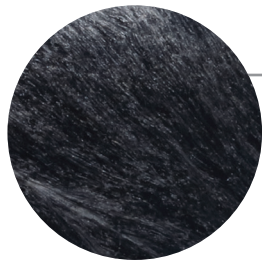
The TR-800 is a PAPR blower UL-certified with an intrinsically safe (IS) rating of Division 1: IS Class I, II, III; Division 1 (includes Division 2) Groups C, D, E, F, G; T4, under the most current standard (UL 60079, 6th Edition, 2013).

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™ Powered Air Purifying Respirator TR-800 (PAPR)**, you can give the people in your care a high level of protection from both respiratory and fire/explosion hazards.

As part of the 3M™ Versaflo™ Product family, when the TR-800 is combined with Versaflo™ Headtops, Belts and other Accessories, it becomes part of a NIOSH-approved product 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™ Powered Air Purifying Respirator TR-800 stand above the rest.



Innovative Materials

3M patent-pending material that meets current IEC/UL 60079 material properties requirements while still meeting aging, conditioning and drop test requirements for IS products



Battery Protection

Battery features bumpers to help absorb impact

Easy Identification

Bright yellow touch points 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



A truly global respirator platform

The TR-800 will give 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 vapour combination cartridges for protection in a variety of environments.

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

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

Battery:

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



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

The new standard of protection for hazardous environments

Build a customized PAPR system application, using interchangeable components

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

Pharmaceutical



- 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 booths. 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





RECOMMENDED FOR
Paint spray booths or
other environments
where IS equipment
is required

Complete PAPR kits available

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


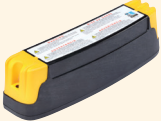









RECOMMENDED FOR
Oil and gas refineries,
chemical manufacturing
and other environments
where IS equipment
is required


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	3M ID
	3M™ Versaflo™ PAPR Motor/Blower TR-802N	7100150821
	3M™ Versaflo™ Battery, Intrinsically Safe TR-830N	7100150925
	3M™ Versaflo™ Battery Attachment Tool TR-838	7100150921
	3M™ Versaflo™ Filter Latch Assembly TR-851	7100150941
	3M™ Versaflo™ Assembly, Heavy Duty TR-813N	7100150924
	3M™ Versaflo™ Assembly, Easy Clean TR-814N	7100150923
	3M™ Versaflo™ Paint Spray Kit TR-800-PSK	7100150922
	3M™ Versaflo™ Easy Clean Kit TR-800-ECK	7100150926
	3M™ Versaflo™ Heavy Industry Kit TR-800-HIK	7100150927

For more information, visit us at [3M.ca/Safety](https://www.3m.ca/Safety).

	<p>⚠ WARNING</p> <p>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 Canada at 1-800-267-4414.</p>
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1-800-267-4414
[3M.ca/Safety](https://www.3m.ca/Safety)

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