

3M Science. Applied to Life.™

Powered Air Purifying Respirators

Providing clean breathing air is essential when working in areas where hazardous contaminants are present. 3M offers an extensive and flexible range of industrial powered and supplied air respirators, developed especially for the toughest environments. These respiratory protective systems offer comfortable protection against multiple hazards and their ease-of-use enables improved productivity in the workplace. 3M is available to support the user in the correct selection, training and proper use of these products.

#3MScienceOfSafety

Types of respiratory protection equipment (RPE) from 3M.

Key types of RPE available from 3M:



Filtering Facepiece/Disposable Respirators

- Ideal for most industries and applications where wearers require particulate protection e.g. dusts and mists
- A choice of cup-shape or flat-fold, valved or unvalved and also the option to protect against ozone and nuisance* levels of organic vapours and acid gases
- Lightweight and maintenance free
- Comfortable, convenient and easy to use



Reusable Half and Full Facepiece Respirators

- Offer protection against particulates, gases and vapours and combinations of the two
- These respirators have integrated or replaceable filters and parts. They may be cleaned, stored and reused provided they are in good condition
- Full facepiece respirators also offer integrated eye and face protection
- Many models are fully maintainable



Powered Air & Supplied Air Systems

- Offer protection against dusts, mists, fumes, gases, vapours and combination hazards e.g. paint spray
- Can offer integrated eye, face, head, neck and hearing protection in one system avoiding incompatibility issues between items of PPE
- Modular system allows you to mix and match parts as your environment or application changes, giving you the ultimate in flexibility and ease of use
- No increase in breathing resistance means more comfortable and longer wear time
- Loose fitting headtops/hoods usable by a wide range of users regardless of facial characteristics; shape, size etc.

* Nuisance levels are those levels below the Workplace Exposure Standard (WES)/Workplace Exposure Limit (WEL).

Types of respirators and protection factors.

QR-CAT-PF
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The higher the exposure the greater the protection and reduction in exposure required.

In AS/NZS 1715, different combinations of respirators are assigned a required minimum protection factor (RMPF) for clean shaven, fit tested and trained wearers. The RMPF is the minimum reduction in exposure required to reduce the wearers exposure beneath the Workplace Exposure Standard (WES). Ideally the wearers exposure is reduced well below the WES.

The RMPF is based on the characteristics of the respirator in question such as:

1. Air Purifying or Air supplied?
2. Positive or negative pressure?
3. Tight fitting facepiece or loose fitting head top?
4. Sealing area of the tight fitting facepiece – half face or full face?
5. Rating of the filter and class of the cartridge?

Examples of, but not limited to, respirator and filter combinations

RMPF 100+	• Self Contained Breathing Apparatus (SCBA) positive pressure demand. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P3 particulate filter with a full facepiece. • Full facepiece or headcovering with airline respirator supplied air continuous flow.	PAPR-P3; PAPR-P3; SCBA; SCBA Supplied Air Continuous Flow; Supplied Air Continuous Flow; Supplied Air Continuous Flow; Supplied Air Continuous Flow
RMPF Up to 100 or up to 5000 ppm	• Full face reusable respirators with P3 particulate filter. • Full Facepiece Reusable respirators with Class 2 gas and vapour cartridge or up to 5000 ppm.	P3; P3; A2; A2B2E2K2
RMPF Up to 50 or up to 1000 ppm or 5000 ppm	• Full Facepeice Reusable respirators with P2 particulate filter. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P2 particulate filter with any headcovering or full facepiece. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P3 particulate filter with any headcovering. • Full Facepiece Reusable respirators with Class Aus or Class 1 gas and vapour cartridge or up to 1000ppm.	P2; PAPR-P3; PAPR-P3; Supplied Air Continuous Flow A1^; PAPR-P3; PAPR-P3; PAPR-P3
RMPF Up to 10 or up to 1000 ppm	• Disposable respirators P1 or P2. • Half face Reusable respirators with P1, P2, P3 Particulate Filter • Class AUS, 1, 2, 3 gas & vapour cartridge or up to 1000ppm. • Powered Air Purifying Respirator (PAPR) with Class PAPR-P1 particulate filter with any headcovering. • Powered Air Purifying Respirator (PAPR) with Class PAPR-AUS, 1, 2 Gas & vapour cartridge with any headcovering or facepiece or up to 1000ppm.	P2 P2 P1 P1 P2 P2; A2P2; A1B1E1K1P3; A1P2 P2; P3; PAPR-P3; PAPR-A1

100x + WES
100x WES
50x WES
10x WES
Workplace Exposure Standard (WES)

Increasing Protection Factor

Nuisance Level Exposure

Action Level - 50% of WES to implement controls

NOTE: Where worker exposure to contaminants could be immediately dangerous to life or health (IDLH), or exposure levels are unknown or there is an oxygen deficient environment you must refer to Section 4.2.7 Table 4.6 in AS/NZS 1715 for further guidance.



Safeguard your workforce with the correct respiratory protection solution.

When respiratory protection systems are optimised for comfort, workers can focus on the work.

Our extensive respirator portfolio is engineered for versatility and built to protect. Find the right 3M™ Respirator that delivers optimal protection and lasting comfort for your needs.

Watch our three-part on-demand webinar series hosted by Mark Reggers, Certified Occupational Hygienist (COH MAIOH) and Specialist Application Engineer for 3M Australia and New Zealand in the 3M Personal Safety Division.



Part 1: Respiratory Protection Selection

From gases and vapours to particulates, each hazard requires a unique respiratory protection solution. Select a 3M respirator that works for your employees.

QR-ODW-RPE1
Scan or Click to watch



Part 2: Types of Respiratory Protection

Prioritise comfort and versatile protection with a wide range of respirators from 3M – disposable /filtering facepiece, reusable respirators, powered and supplied air respirator systems, industrial SCBAs.

QR-ODW-RPE2
Scan or Click to watch



Part 3: Importance of Fit & Fit Testing

Unlock the maximum potential of your respirators. Learn the best practices for fit testing, care, storage, and maintenance.

QR-ODW-RPE3
Scan or Click to watch

If you require any assistance in your workplace with respiratory protection or any PPE selection, contact 3M Customer Service or your local 3M representative.

QR-ODW-ANZ
Click or Scan for all available 3M Australia and New Zealand webinars

Powered Air Purifying Respirators.

Powered Air Purifying respirators (PAPRs); include a blower that draws contaminated air through filter/s to remove contaminants, supplying purified air to the user wearing either an open head top (loose fitting hood) or tight-fitting facepiece. Like full and half facepieces, PAPRs are also available in ready-packs to simplify the respiratory selection process.

3M offers a range of ready-to-go PAPR kits:

- Full facepieces for asbestos and dust applications
- Half and full hood head tops ideal for chemical and pharmaceutical industry
- Helmets and face shields ideal for welding applications.

The benefits of a PAPR are:

- Protection factors up to 100+, based on the headtop and filter/cartridge being used
- Untethered provides a good option for jobs that require mobility.
- Helps user comfort with air moving around the head and face.
- Available with a wide range of open and closed head tops (hoods & facepieces).
- Respirators that rely upon positive air flow through a loose-fitting headtop do not require face fit testing.

These features make PAPRs ideal for industries such as; asbestos removal, pharmaceutical manufacture, smelters, waste control, land remediation, welding and agriculture. With any negative pressure or PAPR RPE the selection and use of the correct filter for the contaminant/hazard is crucial. Filters are typically designed to handle particulates, gas/vapour or a combination of both particulate and gas/vapour.

The life of a gas/vapour cartridge is dependent upon the temperature, humidity, concentration and type of contaminant, the class of filter and the rate of blower speed. Filters should be replaced on a regular basis in accordance with an established filter replacement schedule identified in the initial risk assessment. AS/NZS 1716:2012 recommends discarding your filter when any one of the following conditions exists:

- The particulate filter becomes difficult to draw air through
- According to the filter replacement schedule identified during the risk assessment
- 6 months has passed since sealed gas/vapour filter package has been opened
- The expiry date on the filter has passed.

In some instances, depending on the type of chemical hazard, filters must be changed out after each shift.
If filters are to be re-used they should be stored in a sealed plastic bag or box.

Filter classifications:

Particulate Filters are classified as PAPR-P1, PAPR-P2, PAPR-P3:

- PAPR-P1 filters handle mechanically generated particles
- PAPR-P2 filters handle mechanical & thermally generated particles
- PAPR-P3 filters handle mechanical & thermally generated particles

Gas filters are rated Class 1, Class 2 or Class 3 according to their capacity to capture and hold certain gas/vapours

The classification for gas & vapour filters is based on the groups of gases they are designed to be most effective against. Filters have colour-coded labels for easy identification of the different groups.

Filter selection guide.

Filter Type	Colour	Main area of application
PAPR-P	White	Particles: Dusts, mists, fumes, fibres, toxic particles & microorganisms (bacteria, fungi, viruses, enzymes)
PAPR-A	Brown	Organic vapours with boiling point >65°C. eg. Toluene, Xylene, MEK, Benzene, Alcohols
PAPR-B	Grey	Acid gases, e.g chlorine, hydrogen sulphide, hydrogen chloride
PAPR-E	Yellow	Inorganic gases such as sulphur dioxide
PAPR-K	Green	Ammonia and organic ammonia derivatives
PAPR-Hg	Red	Mercury (vapour)
Nuisance Level		For use against particulates and certain gas/vapour contaminants where exposure levels are underneath the relevant Workplace Exposure standard (WES)/Workplace Exposure Limit (WEL)

Refer to AS/NZS 1715 for Different combination Required Minimum Protection Factors (RMPF).
This selection guide is only an outline designed to focus on products which may be appropriate for typical applications - it should not be used as the only means of selecting a product. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgable of the assessed risks, actual working conditions and limitiation of PPE. Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or 3M.

Experience maximum flexibility as you move from one job to the next.

New levels of comfort and simplicity

3M offers an extensive and flexible range of powered and supplied air respirators developed for a wide range of environments, applications and hazards.

These respiratory protective systems offer comfortable, integrated protection against multiple hazards providing respiratory, head, face, eye and hearing protection. Their ease of use can improve productivity in the workplace.

1. All 3M™ Versaflo™ Brand Products are light-weight and well-balanced
2. Two-position adjustable airflow feature distributes air where the user wants
3. Multiple size adjustment options allow for a comfortable fit
4. Equipped with automatic flow control, low battery alarm, and low flow alarm
5. QRS (Quick Release Swivel) breathing tubes allow fast and easy connection
6. Provides excellent peripheral vision
7. Tool less removable parts allow simple cleaning, maintenance and replacement
8. The air inlet draws air from the bottom of the unit, allowing the wearer to sit without blocking the airflow intake

Powered Air Purifying Respirator (PAPR)



ID 6272870
RID 618731

Continuous Flow Supplied Air



ID: 234480
RID: 2344796

Which system should I choose?

A powered air purifying respirator (PAPR)?

- Incorporates a battery powered motorised fan to draw air through a filter
- Cannot be used to protect against substances with poor warning properties (taste/smell)
- Not suitable for IDLH, Oxygen deficient, unknown contaminants or confined spaces. Consult 3M for further information
- Suitable for use over long shifts - No increase in breathing effort
- Can offer integrated head, eye and face protection

A continuous flow supplied air system?

- Air is supplied from a compressor through a air panel (compressed air must be of breathable quality)
- Can be used to protect against substances with poor warning properties (taste/smell)
- Not suitable for IDLH, Oxygen deficient, unknown contaminants or confined spaces as does not have emergency breathing device (EBD) functionality. Consult 3M for further information
- Suitable for use over long shifts - No increase in breathing effort
- Can offer integrated head, eye and face protection



Powered Air Purifying Respirators (PAPR)



3M™ Versaflo™ Powered Air Turbo TR-300+

Particulate only (nuisance* level organic vapour and acid gas options available)



3M™ Versaflo™ Powered Air Turbo TR-600

Particulate + Gas & Vapour



3M™ Versaflo™ Powered Air Turbo TR-800

Intrinsically Safe^ Particulate + Gas & Vapour

* Nuisance levels are those levels below the Workplace Exposure Standards (WES) / Workplace Exposure Limits (WEL)
^Refer to TR-800 catalogue section for specific IS ratings



Continuous Flow Supplied Air Systems



3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100

3M™ Versaflo™ Supplied Air Heating Valve Assembly V-200



3M™ Versaflo Supplied Air Regulating Valve Assembly V-300



3M™ Versaflo™ Supplied Air Regulator V-500E



Supplied Air System Stethoscope

Powered Air Purifying Respirators









Modular Systems

The modular respirator system is a comprehensive approach to worker protection systems based on comfortable-to-wear modules. All modular headtops, air delivery units and breathing tubes are compatible with one another. Users can mix and match parts as they move from one environment to another, or from one application to the next. It is the ultimate in flexibility for handling changing user environments.

Selection process for modular systems.

Powered air systems

Stage 1A
Select Powered Air Turbo*

Stage 1B
Select Filters, Battery and Belt



Stage 2
Select your Headtop



Stage 3
Select your Breathing Tube



Stage 4
Choose Accessories



*Want an even easier way to select a system? Choose 3M's powered air starter kits, which include everything apart from the headtop and some accessories.

Continuous flow supplied air systems

Stage 1
Select your Air Panel



Stage 2
Select your Compressed Air Supply Hoses



Stage 3
Select your Regulator



Stage 4
Select your Headtop



Stage 5
Select your Breathing Tube



Stage 6
Choose Accessories



Powered Air Purifying Respirators

Modular respirator systems.

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension | Reusable Suspension



S-133 S/L
S-333G S/L

S-433 S/L
S-533 S/L

S-655
S-657
S-757

S-855E

3M™ Versaflo™ Headtops M-Series

Faceshields | Helmets | Helmets with Shrouds



M-206
M-207

M-306
M-307
M-307CAP

M-406
M-407

3M™ 6000 and FF-400 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator

Full Face | Half Face | Full Face



FF-400

7500

6000

Breathing Tubes - Loose Fitting Hoods & Headtops

BT-20 S/L: Lightweight (in two lengths)
BT-30: Self-adjusting
BT-40: Heavy-duty rubber



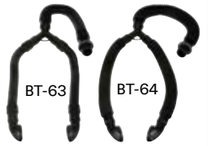
BT-20 S/L

BT-30

BT-40

Breathing Tubes - Tight Fitting Facepieces

BT-63: Length Adjusting
BT-64: Heavy Duty



BT-63

BT-64

3M™ Versaflo™ Powered air turbos

Particulate only (nuisance level organic vapour and acid gas options available)



3M™ Versaflo™
Powered Air Turbo TR-300+

3M™ Versaflo™ Continuous Flow Supplied Air Regulators/Valves

Air Cooling | Air Heating | Flow Controlled



3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100

3M™ Versaflo™ Supplied Air Heating Valve Assembly V-200

3M™ Versaflo Supplied Air Regulating Valve Assembly V-300 with V-199

3M™ Versaflo™ Supplied Air Regulator V-500E

3M™ Versaflo™ Powered air turbos

Particulate + Gas & Vapour | Intrinsically Safe^ Particulate + Gas & Vapour



3M™ Versaflo™
Powered Air Turbo TR-600

3M™ Versaflo™
Powered Air Turbo TR-800
Intrinsically safe

Continuous Flow Supplier Air Stethoscope & Valves

7500 Half Face and 6000 & FF-400 Full Face only



Stethoscope Airline system

TR-300 Filter



- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance* Level Organic Filter
- PAPR-P3/Nuisance* Level Acid Gas (HF up to 10 x WES)

Battery



- High capacity battery

Charger



- Single Station Battery Charger
- 3-Station Battery Charger Kit

Airline components

Air Supply Hose



Breathable Air Panel





TR-300+ and TR-600/TR-800 chargers can be linked together up to 10 cradles/ chargers



TR-600 & TR-800 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance* Level Organic Vapour
- PAPR-A1P3 Filter
- PAPR-A1B1E1HgP3 Filter
- PAPR-FORM/HEPA



TR-600 Battery

- Standard Battery
- High Capacity Battery



TR-600 & TR-800 Chargers

- Single Station Bat. Charger
- 3-Station Bat. Charger Kit



TR-830 Battery

- TR-830 Intrinsic Safe Battery for use with TR-800

Airline components

Air Supply Hose



Breathable Air Panel



* Nuisance levels are those levels below the Workplace Exposure Standards (WES) / Workplace Exposure Limits (WEL). ^Refer to TR-800 catalogue section for specific IS ratings

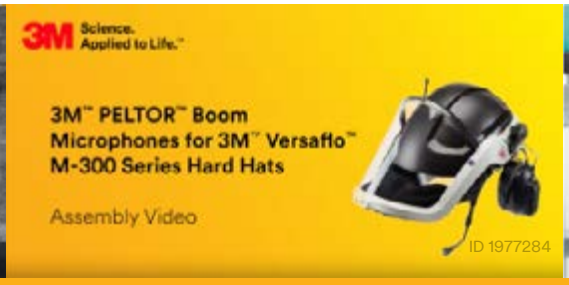
Note: Refer to catalogue sections for further information on each product and country availability.

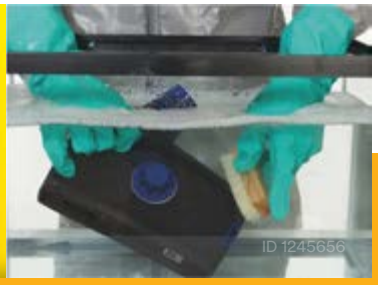
3M™ Versaflo™ Global Powered and Supplied Air Training & Care and Maintenance Video Library

The 3M™ Versaflo™ Global Powered and Supplied Air Training & Care and Maintenance Library (link and QR code below) provides step-by-step demonstrations for cleaning, accessorising and maintaining your 3M Versaflo Respirator. These are the latest global training content available from 3M and are organised by product series for your reference.

NOTE: Not all products or kit combinations shown on the Global video page are available in Australia and/or New Zealand.







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Scan or Click to view the videos

Contact 3M Australia or 3M New Zealand for further Information



3M™ Versaflo™ TR-300+ Powered Air Purifying Respirator

The 3M™ Versaflo™ PAPR TR-300+ is significantly lighter and thinner than past generations of 3M™ Belt-Mounted PAPR units. It also keeps its light weight close to the user's back, reducing the leverage effect that can cause PAPRs to feel heavier. The slim profile is designed for use in tight spaces, and its smooth, contoured outer surfaces are less prone to snagging on nearby objects.

- Two user selectable flow rates 185 & 205 l/min
- Controlled airflow delivers steady flow as battery discharges or filters loads with particulates
- Display shows battery charge status, selected airflow and particulate filter loading status during use
- Audible and LED alarm signals low battery charge or low airflow
- Three filter options available: PAPR-P3 Particle, PAPR-P3 Particle plus nuisance level organic vapours* & PAPR-P3 Particle plus nuisance level acid gas and offers protection against hydrogen fluoride up to 10 x Workplace Exposure Standard (WES)
- Lithium ion battery with LED to indicate charge status
- Three belt options (standard, easy-clean and leather) for a range of applications
- Ingress Protection rated IP53
- Nuisance level refers to concentrations below the Workplace Exposure Standard (WES)
- Compliant with AS/NZS 1716:2012



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Scan or Click for Tech Data Sheet

QR-PSA-02
Scan or Click for Care, Maintenance & Cleaning Guidance

QR-PSA-03
Scan or Click for Use, Care & Maintenance Video



TR-315A+ Starter Kit

Range of Accessories Available



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012909223 (AU) 7012761525 (NZ)	AT010590241 (AU) XA010037779 (NZ)	•	•	TR-315A+	TR-300+ Versaflo Starter kit which includes TR-302E+ Air filter unit, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor and TR-325 Standard waist belt. Does not include a headtop/hood which is required to be purchased separately
7100123725	UU008566075	•	•	TR-302E+	3M™ Versaflo™ Powered Air Turbo Unit TR-302E+, 1 ea/Case

For spare parts and accessories refer to the Part & Accessories pages

Powered Air Purifying Respirators

TR-300+ Filters


TR-3712E
PAPR-P3


TR-3802E
PAPR-P3 with nuisance* OV


TR-3822E
PAPR-P3 with nuisance* AG


TR-371+


TR-362E


TR-3600

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SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7100266123	UU011647516	•	•	TR-3712E	3M™ Versaflo™ Filter PAPR-P3, TR-3712E
7100018809	78815069386	•	•	TR-3802E	3M™ Versaflo™ Filter PAPR-P3 with Nuisance* Organic Vapour, TR-3802E
7100018861	78815069394	•	•	TR-3822E	3M™ Versaflo™ PAPR-P3/HF/Nuisance* Level Acid Gas Filter TR-3822E, for 3M™ Versaflo™ TR-300 Turbo Series, 1 Filter/Car, 5 Car/Case
7100099577	UU006386765	•	•	TR-371+	3M™ Versaflo™ Filter Cover TR-371+, for TR-300/TR-300+, 1 Bag/Case
7000059880	AT010592650 (AU) CR180811422 (NZ)	•	•	TR-3600	3M™ Versaflo™ TR-300+ Prefilter, TR-3600, 1/case
7000103970	XA007706659	•	•	TR-362E	3M™ Versaflo™ Spark Arrestor TR-362E, 1/Car, 1 Carton/Case

* Nuisance levels are those levels below the SafeWork Australia Workplace Exposure Limits (WEL) and WorkSafe New Zealand Workplace Exposure Standards (WES)

TR-300+ Accessories


TR-325


TR-326


TR-327


TR-342A


TR-332


TR-342-3

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Click or Scan to visit the 3M™ Global Versaflo™ Video Library on how to install certain accessories


TR-627X


TR-626X


TR-381


BPK-HD


TR-927


TR-971


S1303-0166


TR-300+ and TR-600/TR-800 chargers can be linked together up to 10 cradles/ chargers

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7100006958	XA007706592	•	•	TR-325	3M™ Versaflo™ Standard Waist Belt TR-325, 1 Pack/Case
7000103972	XA007706691	•	•	TR-326	3M™ Versaflo™ Leather Waist Belt TR-326, 1/Case
7000103973	XA007706709	•	•	TR-327	3M™ Versaflo™ Easy-clean Waist Belt TR-327, 1 ea/Case
7100005643	XA007706568	•	•	TR-332	3M™ Versaflo™ High Capacity Battery TR-332, 60Wh, 1 ea/Case. Run time with new battery pack, clean filter and fully charged is approx. 8-12 hours. Recharge time is <3.5 hours
7100326780	UU012578512	•	•	TR-332	3M™ Versaflo™ Battery TR-332, High Capacity, 60Wh, 10 EA/Case (Phase In). Run time with new battery pack, clean filter and fully charged is approx. 8-12 hours. Recharge time is <3.5 hours
7100349759	UU013206378	•	•	TR-342A	3M™ Versaflo™ Single Station Battery Charger Kit TR-342A, for Versaflo™ TR-300+ PAPR with power cord, 1 EA/Case
7100343210	70100401606	•	•	TR-342-3	3M™ Versaflo™ 3-Station Battery Charger Pack Only TR-342-3, for Versaflo™ TR-300+ PAPR, No power cord, 1 Pack/Case
7100260719	70071765583	•	•	TR-381	3M™ Versaflo™ PAPR Cover TR-381, for TR-300+ PAPR, 10 ea/Case. Polypropylene non woven and polyester mesh. Does not include PAPR blower.
7100035832	70071618147	•		TR-626X	3M™ Versaflo™ Belt Extender TR-626X, for TR-626 High Durability Belt, 1 EA/Case
7100035834	70071618162	•	•	TR-627X	3M™ Versaflo™ Belt Extender TR-627X/37346(AAD), for TR-627 Easy Clean Belt
7100300071	UU012452437	•	•	TR-927	3M™ Versaflo™ Easy Clean Backpack TR-927, 1 ea/Case
7100035846	70071668076	•	•	TR-971	3M™ Versaflo™ Air Flow Indicator TR-971 for all Versaflo™ PAPR units with M/S-Series loose fitting headtops, 1 EA
		•	•	BPK-HD	3M™ Versaflo™ & Speedglas™ Heavy-Duty Back Pack BPK-HD. Suitable for TR-300+, TR-600, TR-800 and Adflo.
7012880650	AT010601550	•	•	S1303-0166	3M™ Versaflo Storage PAPR Bag S1303-0166, 1 Bag/Case

3M™ Versaflo™/ TR-300+ Integrated PAPR Systems Kits

Versaflo™ Integrated Powered Air Respirator system includes Headtop, air filter unit, PAPR-P3 Filter, standard belt, pre-filter, BT-30 breathing tube, battery pack, battery charger, user instructions in a padded bag.

The Versaflo™ M-Series headtops are designed to be used with an approved 3M air delivery unit to form a respiratory protective device.

Additional



CAPM-307 with M-940 cap lamp bracket attached and reflective tape



All TR-300+ Kits come with padded bag

QR-PSA-05
Scan or Click for Tech Data Sheet



TRM-207C



TRM-307C

QR-PSA-06
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QR-PSA-07
Scan or Click for Tech Data Sheet



TRM-407C



CAPM-307C

QR-PSA-08
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TR-300+ Kits

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012890479	AT010590522	•	•	TRM-207C	3M™ Versaflo™ TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-207 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag
7012869262	AT010590548	•	•	TRM-307C	3M™ Versaflo™ TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.
7012875691	AT010590563	•	•	TRM-407C	3M™ Versaflo™ TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-407 Headtop with flame resistant shroud, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag
7012868876	AT019494742	•	•	CAPM-307C	3M™ Versaflo™ TR-300+ PAPR kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal and reflective tape, M-940 cap lamp bracket, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.

For spare parts and accessories refer to the Part & Accessories pages

3M™ Versaflo™ TR-600 Powered Air Purifying Respirator

- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Low flow and low battery alarms - Visual, Audible and Vibratory
- On-battery fuel gauge
- Three user selectable flow rates 185, 205 & 225 l/min with a loose fitting headtop/hood OR 135, 150 & 170 l/min in tight fitting facepiece mode.
- Vibratory, audible and visual alarms assure you can hear, see and feel when your PAPR has low-charge or low-flow
- Compatible with multiple configurations of headtops, breathing tubes, batteries, filters, cartridges and more
- IP54 for TR-600 Blower (while in use). IP67 for TR-600 Blower with TR-653 Cleaning and Storage Kit attached (while cleaning)
- Compliant with AS/NZS 1716:2012



QR-PSA-09
Scan or Click for Tech Data Sheet

QR-PSA-10
Scan or Click for Care, Maintenance & Cleaning Guidance

QR-PSA-11
Scan or Click for Use, Care & Maintenance Video



TR-619A Starter Kit

Range of Accessories Available



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100168178	70071697000	•	•	TR-619A	3M™ Versaflo™ Powered Air Purifying Respirator Starter Kit, TR-619A, 1 EA/Case includes TR-602E powered air turbo unit, TR-632 battery, BT-30 Breathing Tube, TR-971 Airflow indicator, TR-6600 Pre Filter, TR-662 Spark arrestor, TR-627 Easy Clean Belt, TR-642A single station battery charger. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.
7100259576	UU011506860	•	•	TR-602E	3M™ Versaflo™ Powered Air Turbo Unit, TR-602E

For spare parts and accessories refer to the Part & Accessories pages.

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

- The Versaflo TR-800 features 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). Safety in Mines Testing and Research Station (Simtars) IECEX SIM 19.0013
- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Audible and visual alarms assure you can hear, see when your PAPR has low-charge or low-flow
- Multi-speed blower functions at altitudes between -610 metres below sea level and up to 5,000 metres. Battery charges quickly, achieving 90% charge in approximately 3.5 hours.
- Three user selectable flow rates 185, 205 & 225 l/min with a loose fitting headtop/hood OR 135, 150 & 170 l/min in tight fitting facepiece mode.
- Battery comes with built in charge level indicator, a mechanical attachment of battery to help prevent battery removal during use. Approximately 750 full charge/discharge cycles.
- IP54 for TR-800 Blower (while in use). IP67 for TR-800 Blower with TR-653 Cleaning and Storage Kit attached (while cleaning)
- Compliant with AS/NZS 1716:2012

Range of Accessories Available





Comfortable airflow

- Three user selectable flow rates to maximise comfort
- Controlled airflow delivers steady flow as battery discharges or filter loads with particulates



Innovative materials

Ease of use

- Intrinsically safe TR-800 Series display shows battery charge status and particulate filter loading status during use
- **Battery charge indicator** - charge status is also indicated by a useful LED display on the battery

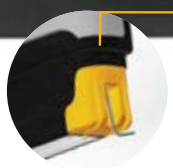


- No user calibration of turbo required
- Electronic audible and visual alarm in case of low battery and/or low air flow

Battery Protection

Battery features bumpers to help absorb impacts





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 EN 60079-11



TR-819A starter kit

QR-PSA-12 **Scan or Click for Tech Data Sheet**

QR-PSA-13 **Scan or Click for Care, Maintenance & Cleaning Guidance**

QR-PSA-14 **Scan or Click for Use, Care & Maintenance Video**

Motor/Blower Safety

Mining Atmospheres IEC 60079-11 Ex ia IMa

ia - intrinsic safety- safe with rare malfunction

I - Mining group

Ma - Equipment protection level mining

Non-Mining Gas atmospheres (Group II) EN 60079-11 Ex ia IIB T4 Ga

ia - intrinsic safety for Equipment protection level Ga

IIB - Gas apparatus group

T4 - Max. surface temperature 135°C (-20°C ≤ Ta ≤ 55°C)

Non-Mining Dust atmospheres (Group III) EN 60079-11 Ex ia IIIC 135°C Da

ia - intrinsic safety for Equipment protection level Da

IIIC - Dust apparatus group

135°C - Max surface temperature 135°C (-20°C ≤ Ta ≤ 55°C)

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100201471	70071732666	•	•	TR-819A	3M™ Versaflo™ Powered Air Purifying Respirator Starter Kit, Intrinsically Safe, TR-819A, 1 EA/Case includes TR-802E powered air turbo unit, TR-830 battery, BT-30 Breathing Tube, TR-6600 Pre filter, TR-627 Easy Clean Belt, TR-971 Airflow indicator, TR-642A single station battery charger and TR-838 battery attachment tool. Does NOT include a filter, filter cover, or headtop/hood which are required to be purchased separately
7100169179	70071730900	•	•	TR-802E	3M™ Versaflo™ Powered Air Purifying Respirator Unit TR-802E, Intrinsically Safe 1 EA/Case

For spare parts and accessories refer to the Part & Accessories pages.

Powered Air Purifying Respirators

TR-600 & TR-800 Filters & Filter Covers



QR-PSA-15
Scan or Click for Tech Data Sheet

QR-CAT-SLS
For assistance in determining 3M TR-600 & TR-800 gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free **3M Select and Service Life (SLS) Software** | www.3m.com/sls

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100135784	UU008996215 (AU) NT070007769 (NZ)	•	•	TR-6310ANZ	3M™ Versaflo™ Filter TR-6310ANZ, PAPR-A1P3 Organic Vapour & Particulate, 5 ea/Case
7100027551	70071618345	•	•	TR-6350N	3M™ Versaflo™ Formaldehyde/HEPA Cartridge TR-6350N, for TR-600/800 PAPR, 5 EA/Case
7100021336	70071622065	•	•	TR-6300FC	3M™ Versaflo™ Filter Cover TR-6300FC/37380 (AAD), for TR-6310ANZ & TR-6350N Filter, 1 EA/Case
7100135783	UU008996223 (AU) NT070007777 (NZ)	•	•	TR-6580ANZ	3M™ Versaflo™ Filter TR-6580ANZ, PAPR-A1B1E1HgP3, 5 ea/Case for Organic Vapours, Acid Gases, Inorganic gases, Mercury vapour and particulates. Nuisance* Level Ammonia
7100021252	70071622073	•	•	TR-6500FC	3M™ Versaflo™ Filter Cover TR-6500FC, for TR-6580ANZ Filter, 1 EA/Case
7100135785	UU008996199 (AU) NT070007736 (NZ)	•	•	TR-6710ANZ	3M™ Versaflo™ High Efficiency Particle Filter TR-6710ANZ PAPR-P3, 5 ea/Case
7100021251	70071618261	•	•	TR-6700FC	3M™ Versaflo™ Filter Cover TR-6700FC/37356(AAD), for TR-6710ANZ Filter, 1 EA/Case
7100020996	CR180812388	•	•	TR-6110E	3M™ Versaflo™ Nuisance* Odour Organic Vapour Plus PAPR-P3 Filter TR-6110E, 5 ea/Case
7100021248	70071622057	•	•	TR-6100FC	3M™ Versaflo™ Filter Cover TR-6100FC for TR-6100 Series Filters, 1/Box, 1 Box/Case
7100021255	70071618246	•	•	TR-6600	3M™ Versaflo™ Prefilter TR-6600/37354(AAD), for TR-600 PAPR, 50 EA/Case
7100035845	70071618253	•	•	TR-662	3M™ Versaflo™ Spark Arrestor, TR-662

* Nuisance levels are those levels below the Workplace Exposure Standards (WES) / Workplace Exposure Limits (WEL)

Loose Fitting Headtop/ Hood Breathing Tubes and Accessories

For use with S-Series and M-Series Headtops/Hood to TR-300+, TR-600 & TR-800 PAPR units and V-100, V-200, V-300 and V-500E continuous flow supplied air regulators.



QR-PSA-16
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100296133	70071767472	•		BT-20L	3M™ Versaflo™ Breathing Tube BT-20L, Medium/Large, 1 ea/Case. Fixed length lightweight Polyurethane L=965mm
7100134625	70071533023	•		BT-20S	3M™ Versaflo™ Breathing Tube, BT-20S/37309(AAD), Small/Medium, 1 EA/Case. Short Fixed length lightweight Polyurethane L=735mm
7100006955	XA007706584	•	•	BT-30	3M™ Versaflo™ Breathing Tube, Self-adjusting, BT-30 L= 525-850
7100069524	UU003085113	•	•	BT-40	3M™ Versaflo™ Heavy Duty Breathing Tube BT-40, 1 ea/Case Fixed length Neoprene Rubber L=840mm
7000103964	XA007706527	•	•	BT-922	3M™ Versaflo™ Breathing Tube Cover BT-922, 1 Pack/Case
7000042907	70071564432	•	•	BT-926	3M™ Versaflo™ Flame Resistant Breathing Tube Cover BT-926
7100099908	UU006081895	•	•	BT-927	3M™ Versaflo™ Breathing Tube Radiant Heat Cover BT-927, 1 ea/Case
7100176778	70071731569	•	•	BT-957	3M™ Versaflo™ Storage Plugs BT-957 5/CS

*Breathing tube not included

Tight Fitting PAPR Breathing Tubes & Accessories

For use with the 7500 half face and 6000 and FF-400 series full face respirators on the TR-600 or TR-800 PAPR Units.



QR-PSA-17
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100167214	70071730876	•	•	BT-64	3M™ Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64 1 ea/Case
7100170023	70071730934	•	•	BT-63	3M™ Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63 1/Case
7100176699	70071730892	•	•	BT-953	3M™ Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes 1/Case
7100167216	70071730884	•	•	TR-973	3M™ Versaflo™ Air Flow Indicator TR-973, for TR-600/TR-800 PAPR with BT-63/64 Breathing Tube

TR-600 & TR-800 Accessories


TR-627X


TR-626X

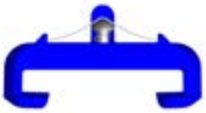

TR-626


TR-627


TR-630/TR-632


TR-642A


TR-642-3


TR-651


TR-681




TR-653


TR-927


BPK-HD


S1303-0166


TR-830


TR-838


TR-851


TR-971


TR-300+ and TR-600/TR-800 chargers can be linked together up to 10 cradles/ chargers

QR-PSA-VID

Click or Scan to visit the 3M™ Global Versaflo™ Video Library on how to install certain accessories

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100035832	70071618147	•	•	TR-626X	3M™ Versaflo™ Belt Extender TR-626X, for TR-626 High Durability Belt, 1 EA/Case
7100035834	70071618162	•	•	TR-627X	3M™ Versaflo™ Belt Extender TR-627X/37346(AAD), for TR-627 Easy Clean Belt
7100222675	UU010933040	•	•	TR-626	3M™ Versaflo™ High Durability Belt, Leather, TR-626
7100222674	UU010916185	•	•	TR-627	3M™ Versaflo™ Easy Clean Belt TR-627, for TR-600/TR-800 Turbo, 1/case
7100327726	UU012578520	•	•	TR-630	3M™ Versaflo™ Standard Li ion Battery TR-630 for TR-600 Turbo, 60 Wh, 1 Box/Case (Phase In). Approximate run time of 4-12 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges in <4 hours
7100327727	UU012578538	•	•	TR-632	3M™ Versaflo™ High Capacity Battery TR-632 for TR-600 Turbo, 91 Wh, 1 Box/Case (Phase In). Approximate run time of 7-19 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges in <4 hours
7100342670	70100401622	•	•	TR-642A	3M™ Versaflo™ Single Station Battery Charger Kit TR-642A, for Versaflo™ TR-600 & TR-800, 1 EA/Case (New to supersede TR-341A)
7100342637	70100401622	•	•	TR-642-3	3M™ Versaflo™ 3-Station Battery Charger Pack Only TR-642-3, for Versaflo™ TR-600 & TR-800, does not include a power cord, 1 Pack/Case (New)
7100134950	70071622081	•	•	TR-651	3M™ Versaflo™ Filter Latch Assembly TR-651, for TR-600 PAPR
7100035841	70071618428	•	•	TR-653	3M™ Versaflo™ Cleaning & Storage Kit, TR-653
7100260718	70071765625	•	•	TR-681	3M™ Versaflo™ PAPR Cover TR-681, for TR-600/800 PAPR, 10 ea/Case. Polypropylene non woven and polyester mesh. Does not include PAPR blower.
7100150925	70071697117	•	•	TR-830	3M™ Versaflo™ Battery TR-830/94243(AAD), Intrinsically Safe, for TR-800 PAPR , 44 Wh, 1 EA/ Case. Approximate run time of 4-8 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges quickly (90% charge in approximately 3.5 hours)
7100150921	70071697125	•	•	TR-838	3M™ Versaflo™ Battery Attachment Tool TR-838/94244(AAD), for TR-800 PAPR and TR-830 Battery, 1 EA
7100150941	70071697133	•	•	TR-851	3M™ Versaflo™ Filter Latch Assembly TR-851/94245(AAD), for TR-800 PAPR 1EA
7100300071	UU012452437	•	•	TR-927	3M™ Versaflo™ Easy Clean Backpack TR-927, 1 ea/Case
7100035846	70071668076	•	•	TR-971	3M™ Versaflo™ Air Flow Indicator TR-971 for all Versaflo™ PAPR units with M/S-Series loose fitting headtops, 1 EA
		•	•	BPK-HD	3M™ Versaflo™ & Speedglas™ Heavy-Duty Back Pack BPK-HD. Suitable for TR-300, TR-600, TR-800 and Adflo.
7012880650	AT010601550	•	•	S1303-0166	3M™ Versaflo™ Storage PAPR Bag S1303-0166, 1 Bag/Case

3M™ Select and Service Life Software

QR-CAT-SLS

Scan or Click to go to the 3M Select and Service Life Software

When should I change my Gas & Vapour cartridges

Once you know what's in your air, 3M™ Select and Service Life Software helps you explore respirators, cartridges and filter options and select the one that's right for you. Then you can establish an effective gas/vapour cartridge change out schedule to help keep workers protected.

- Suitable for 3M™ Secure Click™ and 3M™ Bayonet reusable respirator filter. Service Life Software Does not include 3M™ DT Series cartridges.
- Suitable for 3M Versaflo PAPR TR-600 & TR-800 cartridges. Does not include Adflo cartridges.

Get started at www.3m.com/sls

The software is comprised of two sections:



Respirator Selection

The Respirator Selection is designed to help you choose the appropriate 3M Respirator and Cartridge for your selected contaminant.



Service Life Calculation

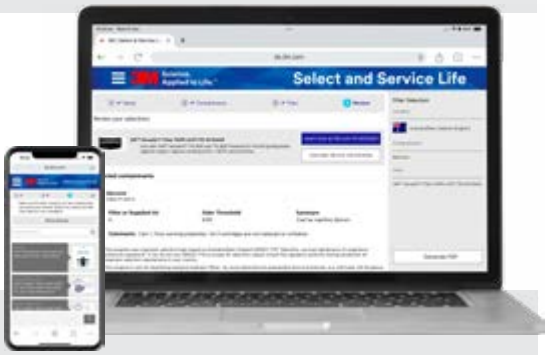
The Service Life Calculation is designed to help you estimate the service life of selected 3M Gas and Vapour Cartridges.

What information do I need to know to use this software?

To get the most out of the 3M™ Select and Service Life Software, you will need the following information.

What chemical contaminants am I using and what is the exposure level?

For contaminant information check the SDS which will list the ingredients and the unique chemical ID numbers (CAS Number).



Service Life Calculation

Knowing the specific contaminants and exposures is required to estimate the life of selected 3M™ Gas and Vapour Cartridges.

A. What 3M gas/vapour cartridge am I using e.g. reusable or PAPR?

_____

B. How humid is the environment?
<65% 65% 75% 85% 90% (% Relative Humidity)

C. Atmospheric pressure: This will default to 1 ATM. Adjust if you are below sea level (range 0.8 - 1.2 ATM)

D. What temperature is the environment?
10°C 20°C 30°C 40°C 50°C

E. How strenuous will the work be or what flow rate is the PAPR on? For TR-600 & TR-800, is it a loose fitting headtop or a tight fitting facepiece and what flow setting?

- ☐ Light (e.g. sitting or standing to control machines, performing light hand or arm work)
- ☐ Medium (e.g. walking about with moderate lifting and pushing)
- ☐ High (e.g. pick and shovel work)

Using the above information, you will be able generate a report providing an estimate of how long the selected 3M Gas & Vapour Cartridge will last until the selected contaminants fill up the cartridge and estimated break through occurs.

QR-PSA-18

Scan or Click to watch a video on how to use the software

The service life estimates in this software apply only to specified 3M respirators and cartridges, and must not be used for non-3M respirators and cartridges.

The values generated by the software are estimates only. For example, the math model used to estimate organic vapour service life at <65% RH may have uncertainty of ± 50%.

Estimated service life depends on the specific work environment. Accurate input data from the user is essential. Appropriate safety factors should be used to account for any sources of uncertainty

This service life software is not for particle filters.

Require assistance?

Contact Customer Service: Australia 1300 363 565 or New Zealand 0800 252 627

Contact your 3M Sales Person or go to the Help section of the software

3M Versaflo TR-300+, TR-600 and TR-800 Comparison Chart

Refer to the User Instructions and/or the approval label provided with the respirator for a listing of components and optional accessories that can be used to assemble a complete approved respirator system or contact 3M.

	3M™ Versaflo™ TR-300+ PAPR	3M™ Versaflo™ TR-600 PAPR	3M™ Versaflo™ TR-800 PAPR
			
Availability	AU & NZ	AU & NZ	AU & NZ
Blower part no.	TR-302E+	TR-602E	TR-802E
AS/NZS 1716 Approved configurations	Yes	Yes	Yes
PAPR-P3 Filter	TR-3712E	TR-6710ANZ	TR-6710ANZ
Pre-Filter	TR-3600	TR-6600	TR-6600
Spark Arrestor	TR-362	TR-662	TR-662
Gas and Vapour Cartridges	No	TR-6310ANZ PAPR-A1P3 TR-6580ANZ PAPR-A1B1E1HgP3 TR-6350N FORM/HEPA	TR-6310ANZ PAPR-A1P3 TR-6580ANZ PAPR-A1B1E1HgP3 TR-6350N FORM/HEPA
Nuisance Level[6]	TR-3802E Organic Vapour TR-3822E Acid Gas	TR-6110E Organic Vapour	TR-6110E Organic Vapour
Battery Run Time[1] (~ hours) & Watt Hour (Wh)	TR-332: 8 - 12 hours, 60 Wh	TR-630: 4 - 12 hours, 60 Wh TR-632: 7 - 19 hours, 91 Wh	TR-830: 4 - 8 hours, 44 Wh
Battery Charge Time (~ hours)	<3.5	< 3.5 hrs (TR-630) <4.5 hrs (TR-632)	<4
Chargers*	TR-342A TR-342-3	TR-642A TR-642-3	TR-642A TR-642-3
Approximate Airflow (Loose Fitting)	Std: 185 lpm High: 205 lpm	Std: 185 lpm Med: 205 lpm High: 225 lpm	Std: 185 lpm Med: 205 lpm High: 225 lpm
Approximate Airflow (Tight Fitting)	NA	Std: 135 lpm Med: 150 lpm High: 170 lpm	Std: 135 lpm Med: 150 lpm High: 170 lpm
Cleaning (blower only)	Wipe down only	Wipe down, or rinse or submerge with use of TR-653 Cleaning & Storage Kit	Wipe down, or rinse or submerge with use of TR-653 Cleaning & Storage Kit
Ingress Protection	IP53 Rating in use[2]	IP54 Rating in use[3] IP67 with cleaning & storage kit in place[7]	IP54 Rating in use[3] IP67 with cleaning & storage kit in place[7]
Elevation Limits	-610 m to 4300 m	-610 m to 5000 m	-610 m to 5000 m
Belt and Backpack Options*	TR-325 Standard Belt TR-326 High Durability Belt TR-327 Easy Clean Belt BPK-HD Backpack TR-927 Backpack TR-626X Extender TR-627X Extender	TR-626 High Durability Belt TR-627 Easy Clean Belt BPK-HD Backpack TR-927 Backpack TR-626X Extender TR-627X Extender	TR-626 High Durability Belt TR-627 Easy Clean Belt BPK-HD Backpack TR-927 Backpack TR-626X Extender TR-627X Extender

*Refer to catalogue sections for further information on each product and country availability

Powered Air Purifying Respirators

	3M™ Versaflo™ TR-300+ PAPR	3M™ Versaflo™ TR-600 PAPR	3M™ Versaflo™ TR-800 PAPR
Blower Alarms	Visual/Audible	Visual/Audible/Vibratory	Visual/Audible
User Interface	Battery charge, filter loading and airflow status alarm	Battery charge, filter loading and airflow status alarm	Battery charge, filter loading and airflow status alarm
Battery Cycles	Approx. 500 – Full charge/ discharge cycles equivalents until 80% of the original capacity over the course of the first year of service when used under recommended conditions	Approx. 500 – Full charge/ discharge cycles equivalents until 80% of the original capacity over the course of the first year of service when used under recommended conditions	Approx. 750 – Full charge/ discharge cycles equivalents until 80% of the original capacity over the course of the first year of service when used under recommended conditions
Battery Type	Lithium Ion	Lithium Ion	Lithium Ion
Headtops*	M-Series, S-Series	M-Series, S-Series, Selected Tight-fitting styles (bayonet style)	M-Series, S-Series, Selected Tight-Fitting (bayonet style)
Breathing Tubes (Loose Fitting)*	BT-20S, BT-20L, BT-30, BT-40	BT-20S, BT-20L, BT-30, BT-40	BT-20S, BT-20L, BT-30, BT-40
Breathing Tubes (Tight Fitting)*	NA	BT-63 BT-64	BT-63 BT-64
Approximate Blower Weight without battery	386 grams	635 grams	680 grams
Approximate Battery Weight	362 grams	453 grams 589 grams	680 grams
Approximate Blower Dimensions with HE filter and cover	20.3 cm W x 17.7 cm H x 7.6 cm D	25.4 cm W x 20.3 cm H x 7.6 cm D	25.4 cm W x 20.3 cm H x 7.6 cm D
Shelf Life	Blower: 5 years[5] Battery: 1 year[4] PAPR Filter: 5 years	Blower: 5 years[5] Battery: 1 year[4] PAPR Filter: 5 years	Blower: 5 years[5] Battery: 6 months[4] PAPR Filter: 5 years
Intrinsically Safe	No	No	Yes - Blower with battery certified to UL/IEC 60079 (2013) and SIMTARS IECEX SIM 19.0013

*Refer to catalogue sections for further information on each product and country availability

1) Estimated system run time based on testing with a new battery and a new clean filter at 20°C (68°F). Actual system run time may be extended or shortened depending on system configuration and environment.

2) Suitable for use in a decontamination shower with a spray angle of up to 60 degrees from vertical

3) The IP54 rating indicates the unit is protected against infiltration of dusts and water splash that would interfere with normal operation

4) Battery packs should be charged immediately and fully upon receipt. TR-300+ and TR-600 batteries should be recharged after each use and at least every 9-12 months. TR-800 battery should be recharged after each use and at least every 6 months.

5) The motor must be run for at least 5 minutes annually to ensure proper lubrication and operation

6) Nuisance level refers to concentrations not exceeding Workplace Exposure Standard/Limit (WES/WEL)

7) The IP67 rating indicates the unit is protected against infiltration of dusts and can now be rinsed under running water, immersed, or put in a respirator washer for further cleaning as long as the 3M™ Cleaning and Storage Kit TR-653 inlet and outlet plugs are installed.

3M™ Powered Air Breathing Tubes Comparison

3M™ Powered Air Breathing Tubes connects the air source with the headtop and ensures clean air reaches the headtop reliably and with unrestricted airflow. 3M™ Powered Air Breathing Tubes are compatible with certain 3M™ Respiratory Headtops and Air Delivery Units.

	BT-20S	BT-20L	BT-30	BT-40	BT-63	BT-64	SS-BT-56-ASB
Picture							
SAP ID	7100134625	7100296133	7100006955	7100069524	7100170023	7100167214	7100265213
Legacy ID	70071533023	70071767472	XA007706584	UU003085113	70071730934	70071730876	UU011534342
Availability	AU	AU	AU & NZ	AU & NZ	AU & NZ	AU & NZ	AU & NZ
Material	Polyurethane	Polyurethane	Polyurethane	Neoprene Rubber	Polyurethane	Neoprene Rubber	EPDM Rubber
Approximate Length	735mm	935mm	525-850mm Length Adjusting	840mm	800mm-1200 Length Adjusting	890mm	900mm
Blower/ Regulator/ Valve End Connection Type	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Screw
Headtop/ Facepiece Connection Type	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Twin RR Bayonet	Twin RR Bayonet	Right Angle DIN40
Compatible PAPR Blower/ Supplied Air Regulator or Valve*	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-600 TR-800	TR-600 TR-800	PF-600E-ASB
Compatible Headtop/ Facepiece*	All S-Series# All M-Series^	All S-Series# All M-Series^	All S-Series# All M-Series^	All S-Series# All M-Series^	7500 Half facepiece, 6000 and FF-400 Full Facepieces	7500 Half facepiece, 6000 and FF-400 Full Facepieces	FF-300 & FF-600 Full facepieces

*Refer to catalogue sections for further information on each product and country availability

S-333 & S-533 only compatible with PF-600E-ASB-949

^ M-200 & M-300 only compatible with PF-600E-ASB-949

Complete your 3M™ Versaflo™ powered air respirator system with dependable headtops.

Lightweight, compact and easy to maintain, 3M™ Versaflo™ M-Series headtops can help protect your workers from a variety of respiratory and impact hazards while maintaining comfort.

Easy to adjust.
Ratchet suspension allows users to quickly adjust tightness to their preference.

Easy to maintain.
Removable parts for cleaning, maintenance and replacement.

No fit testing required.
Suitable for certain facial hair styles contained within the sealing area/shroud.



Easy to breathe.
User can adjust airflow distribution to their liking, giving control over their comfort.

Easy to see.
Excellent peripheral and downward vision, with coated visor option to offer chemical and scratch resistance.

Designed for comfort. Powered by innovation.

We developed the Versaflo™ powered air respirator system and M-Series headtops to deliver the safety you need, with the comfort and ease you've been looking for.

Comfort
Lightweight design and sixpoint textile strap suspension manages weight distribution for user comfort.

Ease
Easy to buy, easy to use, easy to maintain, M-series headtops were specifically designed to work together with your Versaflo™ respiratory protection system.

Versatility
Use in a variety of industries and environments with numerous customisation offerings including faceseals, shrouds, peel-offs, radiant heat kits, hearing protection and more.

Versaflo™ M-200 Series High Impact Faceshield

The Versaflo M-200 Series High Impact Faceshield provides integrated protection from specific respiratory, eye and face hazards with optional hearing protection. Two options for different applications:

- M-206 features a general purpose faceseal for dusts, spraying and chemical processing.
- M-207 features a flame resistant faceseal for applications with hot particles
- Compatible with TR-300+, TR-600, TR-800, Adflo, PF-600E-ASB and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor
- Optional Hearing Protection AS/NZS 1270 Acoustics Hearing Protectors compliant with certain 3M™ Peltor Earmuffs



M-207

QR-PSA-19
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QR-PSA-20
Scan or Click for Care, Maintenance & Cleaning Guidance

QR-PSA-21
Scan or Click for M-Series Use & Care Video

Compatible with

PAPR


TR-300+


TR-600


TR-800


PF-600E-ASB with PF-949 Breathing Tube adaptor. PAPR-P1 Combination rated.

Continuous Flow Supplied Air


V-500E


V-100


V-200


V-300

Range of Accessories Available



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100258667	UU011469986	•		M-206	3M™ Versaflo™ Faceshield with Comfort Faceseal, M-206, 1 Each/Case
7100086969	70071673779	•	•	M-207	3M™ Versaflo™ Respiratory Faceshield Assembly M-207, with Flame Resistant Faceseal, 1 EA/Case

For spare parts and accessories refer to the Part & Accessories pages

Ready to use PAPR Kits with M-200 Headtop



QR-PSA-22

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012890479	AT010590522	•	•	TRM-207C	3M™ Versaflo™ TR-300+ PAPR Kit which include TR-302E+ Air filter unit, M-207 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.

For spare parts and accessories refer to the Part & Accessories pages



Versaflo™ M-200
Accessories, Spares and Options



QR-PSA-VID

Click or Scan to visit the 3M™ Global Versaflo™ Video Library on how to install certain accessories

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
70071564168	70071564168	•	•	M-116	3M™ Versaflo™ Replacement Airflow Deflector M-116, for M-200 Face Shields, 1 EA/Case
7100063886	UU003029491	•	•	M-150	3M™ Versaflo™ Head Suspension M-150, 1 ea/Case
7100063889	UU003029723	•	•	M-154	3M™ Versaflo™ Forehead Seal M-154, 1 ea/Case
7000042899	70071564309	•	•	M-919	3M™ Versaflo™ M-Series Visor Frame Buttons M-919, 10 ea/Case
7000030038	70071564317	•	•	M-920	3M™ Versaflo™ Visor Frame Assembly, M-920, 1/case
7000042900	70071564325	•	•	M-921	3M™ Versaflo™ Visor Gasket, M-921, 5/case
7100288242	70071767332	•	•	M-924-25	3M™ Versaflo™ Tinted Peel-Off Covers M-924, for M-927 Premium Visor, 25 ea/Case
7000052876	UU003029442	•	•	M-927	3M™ Versaflo™ Premium Visor M-927/37324(AAD), 5 EA/Case
7100001829	70071564341	•	•	M-928	3M™ Versaflo™ Peel-Off Visor Covers M-928, 40 ea/Case
7100064141	UU003029202	•	•	M-935	3M™ Versaflo™ M-Series Standard Faceseal M-935, 5 ea/Case
7100137904	UU008294835	•	•	M-936	3M™ Versaflo™ Comfort Faceseal M-936, 5 ea/Case
7100137903	UU008294843	•	•	M-937	3M™ Versaflo™ Faceseal, Flame Resistant M-937, 5 ea/Case
7100265324	70071766334	•	•	M-940	3M™ Versaflo™ Mining Lamp Bracket Kit M-940, for M-Series Hard Hats and Helmets, 1 ea/Case
7000044488	52000183096	•	•	M-953	3M™ Versaflo™ M-Series Helmet Headband Back Part Ratchet M-953, 1 Each/Bag, 20 Bag/Case
7100064142	UU003029772	•	•	M-956	3M™ Versaflo™ M-Series Size Reducing Ratchet Comfort Pad M-956, 10 ea/Case
7000103918	XA007705925	•	•	M-957	3M™ Versaflo™ Forehead Comfort Pad M-957, 10 Pair/Pack, 10 Pack/Case
7010604274	JH200201418	•	•	M-959	3M™ Versaflo™ Chinstrap M-959 for M-200/M-300/M-400 Helmet, 1 EA/Case
7000042905	70071564390	•	•	M-960	3M™ Versaflo™ Visor Pivot Kit, M-960, 1/case
7100063882	UU003029434	•	•	M-972	3M™ Versaflo™ Flame Resistant Headtop Cover M-972, 1 ea/Case
7100063944	UU003029780	•	•	M-976	3M™ Versaflo™ Head, Neck and Shoulder Cover M-976, 1 ea/Case
7000103752	XA007702625	•	•	Z3AF/2	3M™ Versaflo™ Back Plate Kit Z3AF/2, Left and Right, Helmet Adapter for M-200/M-300, 20 ea/Case to connect 3M Peltor P3 cap attach ear muffs

Please note not all parts and accessories are stocked or active in our system. Please contact 3M sales rep or customers service for further clarification.

Versaflo™ M-300 Series High Impact Helmet

The Versaflo M-300 Series High Impact Helmet provides integrated protection from specific respiratory, head , eye and face hazards with optional hearing protection. Two options for different applications:

- M-306 features a general purpose faceseal for dusts, sprays and chemical processing.
- M-307 features a flame resistant faceseal for applications where hot particles may be present.
- Compatible with TR-300+, TR-600, TR-800, Adflo, PF-600E-ASB and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1801 Occupational protective helmets Type 1 rated
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor
- Optional Hearing Protection AS/NZS 1270 Acoustics Hearing Protectors compliant with certain 3M™ Peltor Earmuffs

Compatible with

PAPR	Continuous Flow Supplied Air
 TR-300+	 V-500E
 TR-600	 V-100
 TR-800	 V-200
 PF-600E-ASB with PF-949 Breathing Tube adaptor. PAPR-P1 Combination rated.	 V-300



M-307


M-307CAP

QR-PSA-23
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QR-PSA-24
Scan or Click for Care, Maintenance & Cleaning Guidance

QR-PSA-25
Scan or Click for M-Series Use & Care Video

Range of Accessories Available



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100257937	UU011469960	•		M-306	3M™ Versaflo™ M-Series Helmet with Comfort Faceseal, M-306, 1 ea/Case.
7000052874	70071562006	•	•	M-307	3M™ Versaflo™ Respiratory Hard Hat Assembly M-307, with Premium Visor and Faceseal, 1 EA/Case
7012888431	AT019494759	•	•	M-307CAP	3M™ Versaflo™ High Impact Helmet M-307 with M-940 Cap Lamp Bracket and reflective tape, 1 ea/Case

For spare parts and accessories refer to the Part & Accessories pages

Ready to use PAPR Kits with M-300 Headtop



TRM-307C

QR-PSA-26
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CAPM-307C

QR-PSA-27
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012869262	AT010590548	•	•	TRM-307C	3M™ Versaflo™ TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.
7012868876	AT019494742	•	•	CAPM-307C	3M™ Versaflo™ TR-300+ PAPR kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, M-940 cap lamp attached and reflective tape, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.

For spare parts and accessories refer to the Part & Accessories pages

Versaflo™ M-300
Accessories, Spares and Options

QR-PSA-VID

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000042895	70071564218	•	•	M-316	3M™ Versaflo™ Airflow Deflector, M-316, 1/case
7000030034	70071564226	•	•	M-350	3M™ Versaflo™ Head Suspension, M-350, 1/case
7100063941	UU003029749	•	•	M-354	3M™ Versaflo™ Forehead Seal M-354, 1 ea/Case
7000042899	70071564309	•	•	M-919	3M™ Versaflo™ M-Series Visor Frame Buttons M-919, 10 ea/Case
7000030038	70071564317	•	•	M-920	3M™ Versaflo™ Visor Frame Assembly, M-920, 1/case
7000042900	70071564325	•	•	M-921	3M™ Versaflo™ Visor Gasket, M-921, 5/case
7100288242	70071767332	•	•	M-924-25	3M™ Versaflo™ Tinted Peel-Off Covers M-924, for M-927 Premium Visor, 25 ea/Case
7000052876	UU003029442	•	•	M-927	3M™ Versaflo™ Premium Visor M-927/37324(AAD), 5 EA/Case
7100001829	70071564341	•	•	M-928	3M™ Versaflo™ Peel-Off Visor Covers M-928, 40 ea/Case
7100064141	UU003029202	•	•	M-935	3M™ Versaflo™ M-Series Standard Faceseal M-935, 5 ea/Case
7100137904	UU008294835	•	•	M-936	3M™ Versaflo™ Comfort Faceseal M-936, 5 ea/Case
7100137903	70071564374	•	•	M-937	3M™ Versaflo™ Faceseal, Flame Resistant M-937, 5 ea/Case
7100265324	70071766334	•	•	M-940	3M™ Versaflo™ Mining Lamp Bracket Kit M-940, for M-Series Hard Hats and Helmets, 1 ea/Case
7000044488	52000183096	•	•	M-953	3M™ Versaflo™ M-Series Helmet Headband Back Part Ratchet M-953, 1 Each/Bag, 20 Bag/Case
7100064142	UU003029772	•	•	M-956	3M™ Versaflo™ M-Series Size Reducing Ratchet Comfort Pad M-956, 10 ea/Case
7000103918	XA007705925	•	•	M-957	3M™ Versaflo™ Forehead Comfort Pad M-957, 10 Pair/Pack, 10 Pack/Case
7010604274	JH200201418	•	•	M-959	3M™ Versaflo™ Chinstrap M-959 for M-200/M-300/M-400 Helmet, 1 EA/Case
7000042905	70071564390	•	•	M-960	3M™ Versaflo™ Visor Pivot Kit, M-960, 1/case
7100063882	UU003029434	•	•	M-972	3M™ Versaflo™ Flame Resistant Headtop Cover M-972, 1 ea/Case
7100063944	UU003029780	•	•	M-976	3M™ Versaflo™ Head, Neck and Shoulder Cover M-976, 1 ea/Case
7000103752	XA007702625	•	•	Z3AF/2	3M™ Versaflo™ Back Plate Kit Z3AF/2, Left and Right, Helmet Adapter for M-200/M-300, 20 ea/Case
7100099097	UU008014308	•	•	MT7V/1	3M™ PELTOR™ Boom Microphone MT7V/1, 20 ea/Case
7100098955	UU008013581	•	•	MT53V/1	3M™ PELTOR™ Boom Microphone MT53V/1, 20 ea/Case

Please note not all parts and accessories are stocked or active in our system. Please contact 3M sales rep or customers service for further clarification.

Versaflo™ M-400 Series High Impact Helmet with Neck Protector

The Versaflo M-400 Series High Impact Helmet provides integrated protection from specific respiratory, head, eye and face hazards with neck and shoulder protection. Two options for different applications:

- M-406 features general purpose faceseal for dusts, spraying and chemical processing.
- M-407 features a flame resistant faceseal and neck shroud for applications where hot particles may be present.
- Compatible with TR-300+, TR-600, TR-800, Adflo and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1801 Occupational protective helemts Type 1 rated
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor

Compatible with

PAPR	Continuous Flow Supplied Air
 TR-300+	 V-500E
 TR-600	 V-100
 TR-800	 V-200
	 V-300



M-406

QR-PSA-28
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QR-PSA-29
Scan or Click for Care, Maintenance & Cleaning Guidance

QR-PSA-30
Scan or Click for M-Series Use & Care Video

Range of Accessories Available



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000104037	XA007707483	•	•	M-406	3M™ Versaflo™ High Impact Helmet M-406, with Premium Visor and M-448 Codura Shroud, 1 ea/Case
7100258668	UU011469994	•	•	M-407	3M™ Versaflo™ M-Series Helmet with Flame Resistant Shroud, M-407, 1 Each/Case

For spare parts and accessories refer to the Part & Accessories pages

Ready to use PAPR Kits with M-400 Headtop



TRM-407C

QR-PSA-31

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012875691	AT010590563	•	•	TRM-407C	3M™ Versaflo™ TR-300+ PAPR Kit which include TR-302E+ Air filter unit, M-407 Headtop with flame resistant shroud, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-342A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag

For spare parts and accessories refer to the Part & Accessories pages



Versaflo™ M-400 Accessories, Spares and Options



QR-PSA-VID

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000042895	70071564218	•	•	M-316	3M™ Versaflo™ Airflow Deflector, M-316, 1/case
7000030034	70071564226	•	•	M-350	3M™ Versaflo™ Head Suspension, M-350, 1/case
7100063885	UU003029475	•	•	M-441	3M™ Versaflo™ Helmet Jaw Gasket M-441, 1 ea/Case
7100137832	UU008294819	•	•	M-444	3M™ Versaflo™ Inner Collar M-444, 1 ea/Case
7100137850	UU008294108	•	•	M-447	3M™ Versaflo™ Outer Shroud, Flame Resistant M-447, 1 ea/Case
7100137905	UU008294827	•	•	M-448	3M™ Versaflo™ Outer Shroud, Heavy Duty M-448, 1 ea/Case
7100289614	70071767514	•	•	M-449	3M™ Versaflo™ M-Series Leather Shroud M-449, 1 ea/Case
7000042899	70071564309	•	•	M-919	3M™ Versaflo™ M-Series Visor Frame Buttons M-919, 10 ea/Case
7000030038	70071564317	•	•	M-920	3M™ Versaflo™ Visor Frame Assembly, M-920, 1/case
7000042900	70071564325	•	•	M-921	3M™ Versaflo™ Visor Gasket, M-921, 5/case
7100288242	70071767332	•	•	M-924-25	3M™ Versaflo™ Tinted Peel-Off Covers M-924, for M-927 Premium Visor, 25 ea/Case
7000052876	UU003029442	•	•	M-927	3M™ Versaflo™ Premium Visor M-927/37324(AAD), 5 EA/Case
7100001829	70071564341	•	•	M-928	3M™ Versaflo™ Peel-Off Visor Covers M-928, 40 ea/Case
7100198700	70071732237	•	•	M-930	3M™ Versaflo™ M-930 Visor Lock Kit 5 EA/Bag
7100265324	70071766334	•	•	M-940	3M™ Versaflo™ Mining Lamp Bracket Kit M-940, for M-Series Hard Hats and Helmets, 1 ea/Case
7000044488	52000183096	•	•	M-953	3M™ Versaflo™ M-Series Helmet Headband Back Part Ratchet M-953, 1 Each/Bag, 20 Bag/Case
7100064142	UU003029772	•	•	M-956	3M™ Versaflo™ M-Series Size Reducing Ratchet Comfort Pad M-956, 10 ea/Case
7000103918	XA007705925	•	•	M-957	3M™ Versaflo™ Forehead Comfort Pad M-957, 10 Pair/Pack, 10 Pack/Case
7010604274	JH200201418	•	•	M-959	3M™ Versaflo™ Chinstrap M-959 for M-200/M-300/M-400 Helmet, 1 EA/Case
7100063882	UU003029434	•	•	M-972	3M™ Versaflo™ Flame Resistant Headtop Cover M-972, 1 ea/Case

Please note not all parts and accessories are stocked or active in our system. Please contact 3M sales rep or customers service for further clarification.

3M™ High Heat Accessories for 3M™ Versaflo™ M-300 and M-400 Helmets

The 3M™ Radiant Heat Covers M-973/M-975 when used in combination with the 3M™ M-967 Over-Visor offers 360° coverage of the 3M™ Versaflo™ M-300 / M-400 Helmets. Protection in accordance with EN ISO 11612:2015, EN 166:2001, EN 170:2002 and EN 171:2002 is offered against radiant heat and sparks/splashes for all parts of the helmet.

Features and Benefits:

- Designed to be robust and durable to withstand some of the harshest environments experienced in the metal production industry
- Adaptable - the radiant heat cover and overvisor components are fully modular allowing the user to create multiple combinations and different coverage levels to adapt the unit to their specific needs and environment
- Low profile, designed specifically for use with 3M™ Versaflo™ M-300 / M-400 Helmets
- The flip-up over-visor design provides the user with the flexibility of shaded IR/UV protection when needed and the peace of mind of clear vision when not required
- Utilises the 3M™ Visor Carrier M-961 to fit to the 3M™ Versaflo™ M-300 / M-400 Helmets
- Optional 3M™ Radiant Heat Breathing Tube Cover BT-927 also available



Typical Industries:

- Metalworking
- Foundries
- Glass industry
- Ceramic / porcelain industry
- Refractory product industry



M-400 with M-975 Radiant Heat Cover with M-967 Gold Over Visor



3M™ Gold Over Visor M-967



3M™ Over Visor Frame M-961



3M™ Radiant Heat Cover M-973 for M-300



3M™ Radiant Heat Cover M-975 for M-400



3M™ Breathing Tube Radiant Heat Cover BT-927

Radiant Heat Cover Performance	
EN ISO 11612 Code letter and classification Heat transmission performance requirement	
A1	Limited flame spread
B1	Convective hear
C3	Radiant heat
D3	Molten aluminium splash
E3	Molten iron splash

Gold Over Visor and Over Visor Frame Performance

Model	European standard	Scale number	Optical class	Symbol	Field of use	Mechanical strength
M-967 Gold Over Visor	EN 166:2001		1	BT	High speed particles	Medium energy impact at extremes of temperature
				9	Molten metal splash	
	EN 170:2002	2-5 (UV)				
	EN 171:2002	4-5 (IR)				
M-961 Over Visor Frame	EN 166:2001			BT	High speed particles	Medium energy impact at extremes of temperature
				9	Molten metal splash	

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100099853	UU006077661	•	•	M-973	3M™ Versaflo™ Radiant Heat Cover, M-973
7100099910	UU006081861	•	•	M-961	3M™ Versaflo™ Over-visor Frame M-961, 1 ea/Case
7100099909	UU006081887	•	•	M-967	3M™ Versaflo™ Over-visor, Gold, IR Shade 5, M-967
7100099854	UU006077679	•	•	M-975	3M™ Versaflo™ PAPR Radiant Heat Cover M-975, for M-400, 1 ea/Case
7100099908	UU006081895	•	•	BT-927	3M™ Versaflo™ Breathing Tube Radiant Heat Cover BT-927, 1 ea/Case

QR-PSA-32

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QR-PSA-VID

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Powered Air Purifying Respirators

3M™ M-Series Headgear Assemblies Comparison Chart

	M-206	M-207	M-306	M-307 & M-307CAP	M-406	M-407
				 M-307  M-307CAP		
Availability	AU	AU & NZ	AU	AU & NZ	AU & NZ	AU & NZ
Style	Loose fitting facepiece faceshield	Loose fitting facepiece faceshield	Loose fitting facepiece helmet	Loose fitting facepiece helmet	Loose fitting facepiece helmet with shroud	Loose fitting facepiece helmet with shroud
Air sources approved with*	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800
Eye and Face Protection	← AS/NZS 1337.1 Eye & Face Protection - High Impact →					
Head Protection	EN 812:2012 (Bumpcap protection)	EN 812:2012 (Bumpcap protection)	AS/NZS 1801 Occupational Protective Helmets - Type 1	AS/NZS 1801 Occupational Protective Helmets - Type 1	AS/NZS 1801 Occupational Protective Helmets - Type 1	AS/NZS 1801 Occupational Protective Helmets - Type 1
Optional Hearing Protection	AS/NZS 1270 Hearing Protectors	AS/NZS 1270 Hearing Protectors	AS/NZS 1270 Hearing Protectors	AS/NZS 1270 Hearing Protectors	Not applicable	Not applicable
Visor	M-925 standard visor	M-927 premium visor	M-925 standard visor	M-927 premium visor	M-925 standard visor	M-927 premium visor
Visor Material	Polycarbonate	Coated Polycarbonate (silicone hard coat)	Polycarbonate	Coated Polycarbonate (silicone hard coat)	Polycarbonate	Coated Polycarbonate (silicone hard coat)
Faceseal or Shroud	M-936 comfort faceseal	M-937 flame resistant faceseal	M-936 comfort faceseal	M-937 flame resistant faceseal	M-448 High Durability outer shroud; M-444 inner collar	M-447 flame resistant outer shroud; M-444 inner collar
Faceseal or Shroud Material	Polyurethane coated knitted polyamide	Flame retardant coated polyester	Polyurethane coated knitted polyamide	Flame retardant coated polyester	Outer shroud: High Durability Polyurethane coated knitted polyamide Inner collar: Polyurethane coated knitted polyamide	Outer shroud: Nomex® IIIA fabric Inner collar: Polyurethane coated knitted polyamide
Visor Area (approx.)	426 sq. cm	426 sq. cm	426 sq. cm	426 sq. cm	426 sq. cm	426 sq. cm
Visor Thickness (approx.)	Center: 2.3 mm Edge: 1.3 mm	Center: 2.3 mm Edge: 1.3 mm	Center: 2.3 mm Edge: 1.3 mm	Center: 2.3 mm Edge: 1.3 mm	Center: 2.3 mm Edge: 1.3 mm	Center: 2.3 mm Edge: 1.3 mm
Maximum Size Range[2] Circumference	51-64 cm	51-64 cm	51-64 cm	51-64 cm	51-64 cm	51-64 cm
Approx. Weight[3] g	624 g	626 g	850 g	857 g	1049 g	1190 g
Headgear Shell	HDPE (High density polyethylene)	HDPE (High density polyethylene)	PC/PBT alloy (polycarbonate/polybutylene terephthalate)	PC/PBT alloy (polycarbonate/polybutylene terephthalate)	PC/PBT alloy (polycarbonate/polybutylene terephthalate)	PC/PBT alloy (polycarbonate/polybutylene terephthalate)
Headband	M-150 TPE (Thermoplastic elastomer)	M-150 TPE (Thermoplastic elastomer)	M-350 TPE (Thermoplastic elastomer)	M-350 TPE (Thermoplastic elastomer)	M-350 TPE (Thermoplastic elastomer)	M-350 TPE (Thermoplastic elastomer)
Visor Frame	← PC/PBT alloy (polycarbonate/polybutylene terephthalate) →					
Visor Gasket (M-921)	← TPE (Thermoplastic elastomer) →					
Operating Temp.	← -10° C to 55° C →					
Storage Temp.	← -30° C to 50° C Note: 4° C to 35° C (40° F to 95° F) suggested storage temperature range if product will be stored for an extended period before first use →					
Natural Rubber Latex	Does not contain components made from natural rubber latex					
Maximum Life	5 year recommended maximum life (shelf life plus in use life) for all models when stored in original packaging and according to the recommended storage conditions. User must inspect headgear prior to each use to determine usability. Consult M-Series Headgear User Instructions for more information.					

*Refer to catalogue sections for further information on each product and country availability

Soft headcovers doesn't have to be a hard decision.

Lightweight, versatile and easy to maintain, 3M™ Versaflo™ S-Series headtops help protect your workers from a variety of contaminants while maintaining comfort.

No fit testing required.
Suitable for certain facial hair styles contained within the sealing area/shroud.

Easy to see.
Provides a good field of view with reduced curvature to decrease reflections and glare.

Easy to replace or reuse.
Premium reusable options may be a cost effective alternative for high disposal rate environments.



Easy to adjust.
Premium suspension allows users to adjust airflow distribution to their liking, giving them control over their comfort.

Easy to use.
Independent crown and circumference adjustment for a comfortable custom fit for a wide range of head sizes.

Designed for comfort. Powered by innovation.

We developed the Versaflo™ Powered Air Respirator System and S-Series headtops to deliver the respiratory protection you need, with the comfort and ease you've been looking for.

Comfort
Powered air respirators may make hot environments more tolerable; the premium reusable suspension enhances airflow distribution with low noise for improved user comfort.

Ease
Easy to buy, easy to use, easy to maintain. S-Series headtops are specifically designed to work together with your Versaflo™ respiratory system.

Versatility
A variety of designs, fabrics and suspension types gives options for user comfort and cost effectiveness for a range of environments.

Versaflo™ Integrated Suspension S-Series Hoods & Headcovers

All S-Series headtops compatible with TR-300+, TR-600, TR-800 and continuous flow supplied air regulators V-100, V-200, V-300, V-500E.

S-333SG, S-333LG, S-533S & S-533L compatible with PF-600E-ASB with PF-949 breathing tube adaptor

- Integrated suspension hoods and headcovers offer the advantage of being fully assembled and ready to use straight out of the box.
- They can be suitable for applications that require frequent replacement of the entire headgear assembly.
- The Integrated comfort suspension feature a wide faceseal with soft elastic for improved comfort. The airflow distribution minimizes the potential for air whistling past the wearer's ears, allowing for better worker communication. The exhalation panel vents the headtop without the traditional vent hole pattern or exhalation valve.
- Compliant with AS/NZS 1716:2012.



S-133S/S-133L

Head and face coverage. Integrated Comfort suspension. General purpose fabric.



S-333SG/S-333LG

Head and face coverage. high durability. Integrated comfort suspension. Soft durable, low linting fabric for user comfort.

QR-PSA-33

Scan or Click for Tech Data Sheet

QR-PSA-34

Scan or Click for S-Series Use & Care Video



S-433S/S-433L

Head, face, neck and shoulder coverage. Integrated suspension.



S-533S/S-533L

Head, face, neck, and shoulder coverage. Integrated suspension. Durable, soft, low-linting fabric that drapes more comfortably over the wearer



S-920S/S-920L

Compatible with

PAPR	Continuous Flow Supplied Air
 TR-300+	 V-500E
 TR-600	 V-100
 TR-800	 V-200
 PF-600E-ASB with PF-949 Breathing Tube adaptor*.	 V-300

*S-333 & S-533 only.

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000044300	52000045782	•		S-133S	3M™ Headcover with Integrated Head Suspension S-133S, Small, 1 ea/Case
7000000142	52000045824	•	•	S-133L	3M™ Headcover with Integrated Head Suspension S-133L, Large 1 ea/Case
7000044301	52000045865	•	•	S333SG	3M™ High Durability Headcover with Integrated Head Suspension S-333S, Small 1 ea/Case
7000000144	52000045881	•	•	S333LG	3M™ High Durability Headcover with Integrated Head Suspension S-333L, Large 1 ea/Case
7000044302	52000045907	•		S-433S	3M™ Hood with Integrated Head Suspension S-433S, Small 1 ea/Case
7000000145	52000045923	•	•	S-433L	3M™ Hood with Integrated Head Suspension S-433L, Large 1 ea/Case
7100011287	52000045949	•		S-533S	3M™ High Durability Hood with Integrated Head Suspension S-533S, Small, 1 ea/Case
7000000147	52000045964	•	•	S-533L	3M™ High Durability Hood with Integrated Head Suspension S-533L, Large, 1 ea/Case
7000027993	AT010584319	•	•	S-920S	3M™ Versaflo™ Peel-Off Visor Cover S-920S, Small, 10/Bag, 40 ea/Case
7000042683	AT010584301	•	•	S-920L	3M™ Versaflo™ Peel-Off Visor Covers S-920L, Large, 40 ea/Case

Versaflo™ S-Series Premium Head Suspension Hoods & Headcovers

QR-PSA-35
Scan or Click for Tech Data Sheet

QR-PSA-36
Scan or Click for S-Series Use & Care Video

Compatible with TR-300+, TR-600, TR-800 and continuous flow supplied air regulators V-100, V-200, V-300, V-500E.

- Premium reusable suspension hoods can be a very cost-effective choice for some high disposal rate environments—just the soiled hood fabric is replaced, while the suspension and air ducting can be reused.
- The suspension's rigid ducting provides a consistent air path.
- An externally-adjustable airflow control allows wearers to modify the airflow distribution to suit personal comfort needs. While wearing, the airflow may be directed primarily to the front visor or split to provide more airflow to the top of the head.
- The suspension has independent adjustments for the crown and head circumference, allowing a comfortable, custom fit for a wide range of head sizes.
- Compliant with AS/NZS 1716:2012.

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
	V-300



S-655

Head, face, neck and shoulder coverage. Its respiratory seal is a comfortable, knitted inner collar that is shorter and thinner than previous models. General purpose, cost-effective fabric.



S-657

Similar to S-655. The S-657 uses a double shroud design for its respiratory seal; wearers can select their preferred seal design. The S-657 is worn by tucking the inner shroud into a shirt or protective coverall, allowing excess air to be channelled over the body.



S-757

Similar to S-657 but with a fabric specifically intended to help capture paint overspray, minimizing the potential for paint to flake off the wearer and onto the work piece. Fabric has an internal film barrier to help prevent paint contact with skin or clothes.



S-855

Similar to S-655 but made with Kappler® Zytron® 200, a polypropylene fabric with a multi-layer barrier film. Features sealed seams, making it suitable for environments where certain liquid splash hazards may be present. Includes a comfortable inner collar.

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100079870	UU003722327	•	•	S-655	3M™ Versaflo™ S-Series Hood with Inner Collar S-655, 1 ea/Case
7100079871	UU003722335	•	•	S-657	3M™ Versaflo™ Hood Assembly with Inner Shroud and Premium Head Suspension S-657, 1 ea/Case
7100079872	UU003719109	•	•	S-757	3M™ Versaflo™ S-Series Painters Hood Assembly Single Size S-757, 1 ea/Case
7100077662	70071533338	•	•	S-855	3M™ Hood Assembly with Sealed Seams Inner Collar & Premium Head Suspension S-855, 1 EA/Case
7100005445	70071533395	•	•	S-950	3M™ Versaflo™ Premium Head Suspension, S-950, for S-600 S-700 and S-800 Hood Assemblies, 1 EA/Case
7000042684	52000046152	•	•	S-953	3M™ Versaflo™ Comfort Pad S-953, 20 ea/Case
7100347559	7012866682 (AU) AT010582792 (AU) 7000000149 (NZ) 52000045980 (NZ)	•	•	S-605	3M™ Versaflo™ Replacement Hood S-605 for S-655
7100350374	7012880837 (AU) AT010582800 (AU) 7000000151 (NZ) 52000046004 (NZ)	•	•	S-607	3M™ Versaflo™ Replacement Hood S-607 for S-657
7100349622	7012870630 (AU) AT010582818 (AU) 7000027992 (NZ) 52000046020 (NZ)	•	•	S-707	3M™ Versaflo™ Replacement Double Laminate Hood with Inner Shroud S-707-10, for use with Premium Reusable Head, 10/Pack. For S-757
7000052769	70071533312	•	•	S-805	3M™ Versaflo™Replacement Hood with Sealed Seams and Inner Collar S-805-5, for use with Premium Head Suspension, 5 ea/Case. For S-855
7000000156	AT010584327 (AU) 52000046103 (NZ)	•	•	S-922	3M™ Versaflo™ Peel-Off Visor Cover S-922, Premium Hoods, 10/Bag, 4 Bags/Case

Accessories



S-950

Opened Valve



Closed Valve



The external adjuster lets wearers modify the location of the airflow.



S-953



S-922

Powered Air Purifying Respirators

3M™ S-Series Hoods and Headcovers Comparison Chart

	S-133S S-133L	S-333S S-333L	S-433S S-433L	S-533S S-533L	S-655/S-657	S-757	S-855
							
Availability	AU & NZ (L only)	AU & NZ	AU & NZ (L only)	AU & NZ (L only)	AU & NZ	AU & NZ	AU & NZ
Style	Headcover	Headcover	Hood with faceseal	Hood with faceseal	Hood with neck collar (S-605)/Hood with inner shroud (S-607)	Hood with inner shroud	Hood with neck collar
Air sources approved with*	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800 PF-600E-ASB	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800	V-Series (V-100, V-200, V-300, V-500E) TR-300+ TR-600 TR-800
Head Suspension	Integrated	Integrated	Integrated	Integrated	S-950 Premium Reusable Suspension	S-950 Premium Reusable Suspension	S-950 Premium Reusable Suspension
Fabric Type	Polypropylene coated nonwoven polypropylene	Polyurethane coated knitted polyamide	Polypropylene coated nonwoven polypropylene	Polyurethane coated knitted polyamide	Polypropylene coated nonwoven polypropylene	Polypropylene coated nonwoven polypropylene	Zytron® 200
Approx. Weight[1] g	104 g 131 g	131 g 166 g	129 g 139 g	161 g 175 g	309 g 310 g	290 g	470 g 460 g
Approx. Visor Area	S: 364 sq. cm L: 412 sq. cm	S: 364 sq. cm L: 412 sq. cm	S: 364 sq. cm L: 412 sq. cm	S: 364 sq. cm L: 412 sq. cm	452 sq. cm	452 sq. cm	344 sq. cm
Maximum Size Range[2]	S/M: Head Circumference 50 - 58 cm M/L: Head Circumference 54 - 64 cm	S/M: Head Circumference 50 - 58 cm M/L: Head Circumference 54 - 64 cm	S/M: Head Circumference 50 - 58 cm M/L: Head Circumference 54 - 64 cm	S/M: Head Circumference 50 - 58 cm M/L: Head Circumference 54 - 64 cm	Head Circumference 52 - 64 cm	Head Circumference 52 - 64 cm	Head Circumference 52 - 64 cm
Visor Material	Polycarbonate	Coated polycarbonate	Polycarbonate	Coated polycarbonate	Polycarbonate	Coated polycarbonate	Coated polycarbonate
Approx. Visor Thickness	0.5 mm	0.38 mm	0.5 mm	0.5 mm	0.5 mm	0.25 mm	0.75 mm
Replacement Hood Only					S-605/S-607	S-707	S-805
Operating Temp. Range	-10° C to 55° C	-10° C to 55° C	-10° C to 55° C	-10° C to 55° C	-10° C to 55° C	-10° C to 55° C	-10° C to 55° C
Storage Temp. Range	-30° C to 50° C Note: 4° C to 35° C suggested storage temperature range if product will be stored for an extended period before first use						
Suggested Shelf Life	3 year suggested shelf life for all models when stored in original packaging. User must inspect headgear prior to use to determine serviceability						
Heat/Flame Resistance	Headgear should not be exposed to high heat, flame or sparks						
Natural Rubber Latex	Does not contain components made from natural rubber latex						

*Refer to catalogue sections for further information on each product and country availability

1) Weight is complete assembly (hood plus head harness). Use of optional size reducing pad with the S-600, 700, 800 series will add approx. 6 g (0.2 oz.) to the overall weight.

2) Consult S-Series User Instructions for detailed sizing guidelines, charts and optional sizing pads.

Make your own Versaflo™ PAPR Kit

Combine any Versaflo S-Series, M-Series or Tight Fitting facepiece with a Versaflo PAPR Starter Kit to make your own kit/combination.

Step 1: Select S-Series, M-Series or Tight Fitting facepiece

NOTE: Check product pages for country availability

Integrated Head Harness



S-133S/S-133L | S-333SG/S-333LG | S-433S/S-433L | S-533S/S-533L

3M™ Versaflo™ Headtops M-Series



M-206, M-207 | M-306 | M-307CAP | M-406, M-407

Reusable Premium Head Harness



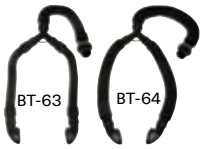
S-655 | S-657 | S-757 | S-855

3M™ 6000 and FF-400 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator



FF-400 | 7500 | 6000

Only suitable for use with TR-600 & TR-800 and requires BT-63 (70071730934) or BT-64 (70071730876) breathing tubes.



BT-63 | BT-64

Step 2 : Select Versaflo™ PAPR Starter Kit

Particulate only (nuisance level organic vapour and acid gas options available)



TR-315A+ Starter Kit

Particulate + Gas & Vapour



TR-619A Starter Kit

Intrinsically Safe Particulate + Gas & Vapour



TR-819A starter kit

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012909223 (AU) 7012761525 (NZ)	AT010590241 (AU) XA010037779 (NZ)	•	•	TR-315A+	3M™ Versaflo™ TR-315A+ Starter kit which includes TR-302E+ Air filter unit, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor and TR-325 Standard waist belt. Does not include a headtop/hood which is required to be purchased separately.
7100168178	70071697000	•	•	TR-619A	3M™ Versaflo™ TR-619A Starter Kit includes TR-602E powered air turbo unit, TR-630 battery, BT-30 Breathing Tube, TR-971 Airflow indicator, TR-6600 Pre Filter, TR-662 Spark arrestor, TR-627 Easy Clean Belt, TR-641E single station battery charger. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.
7100201471	70071732666	•	•	TR-819A	3M™ Versaflo™ TR-819A Starter Kit includes TR-802E powered air turbo unit, TR-830 battery, BT-30 Breathing Tube, TR-6600 Pre filter, TR-627 Easy Clean Belt, TR-971 Airflow indicator, TR-641E single station battery charger and TR-838 battery attachment tool. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.

Note: Starter Kits do NOT come with a bag

Step 3 : Select Filters for chosen PAPR Starter Kit/s

TR-300+ Filter/s

NOTE: TR-315A+ Starter Kit comes with 1 x PAPR-P3 TR-3712E, 1 x TR-3600 Pre Filter & 1 x TR-371+ filter cover


TR-3712E


TR-3802E


TR-3822E


TR-362E


TR-3600

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100266123	UU011647516	•	•	TR-3712E	3M™ Versaflo™ Filter PAPR-P3, TR-3712E
7100018809	78815069386	•	•	TR-3802E	3M™ Versaflo™ Filter PAPR-P3 with Nuisance O/V, TR-3802E
7100018861	78815069394	•	•	TR-3822E	3M™ Versaflo™ P/HF/Nuisance Level Acid Gas Filter TR-3822E, for 3M™ Versaflo™ TR-300 Turbo Series, 1 Filter/Car, 5 Car/Case
7000059880	AT010592650 CR180811422	•	•	TR-3600	3M™ Versaflo™ TR-300+ Prefilter, TR-3600, 1/case
7100099577	UU006386765	•	•	TR-371+	3M™ Versaflo™ Filter Cover TR-371+, for TR-300/TR-300+, 1 Bag/Case
7000103970	XA007706659	•	•	TR-362E	3M™ Versaflo™ Spark Arrestor TR-362E, 1/Car, 1 Carton/Case

TR-600 & 800+ Filters & Filter Covers

NOTE: TR-619A & TR-819A Starter Kits do NOT come with any filter or filter cover


TR-6300FC


TR-6500FC


TR-6700FC


TR-6100FC


TR-662


TR-6310ANZ
PAPR-A1P3


TR-6350N
FORM/HEPA


TR-6580ANZ
PAPR-A1B1E1HgP3


TR-6710ANZ
PAPR-P3


TR-6110E
PAPR-P3 with nuisance* OV


TR-6600

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100135784	UU008996215 (AU) NT070007769 (NZ)	•	•	TR-6310ANZ	3M™ Versaflo™ Filter TR-6310ANZ, PAPR-A1P3 Organic Vapour & Particulate, 5 ea/Case
7100027551	70071618345	•	•	TR-6350N	3M™ Versaflo™ Formaldehyde/HEPA Cartridge TR-6350N, for TR-600/800 PAPR, 5 EA/Case
7100021336	70071622065	•	•	TR-6300FC	3M™ Versaflo™ Filter Cover TR-6300FC/37380 (AAD), for TR-6310ANZ & TR-6350N Filter, 1 EA/Case
7100135783	UU008996223 (AU) NT070007777 (NZ)	•	•	TR-6580ANZ	3M™ Versaflo™ Filter TR-6580ANZ, PAPR-A1B1E1HgP3, 5 ea/Case for Organic Vapours, Acid Gases, Inorganic gases, Mercury vapour and particulates. Nuisance* Level Ammonia
7100021252	70071622073	•	•	TR-6500FC	3M™ Versaflo™ Filter Cover TR-6500FC, for TR-6580ANZ Filter, 1 EA/Case
7100135785	UU008996199 (AU) NT070007736 (NZ)	•	•	TR-6710ANZ	3M™ Versaflo™ High Efficiency Particle Filter TR-6710ANZ PAPR-P3, 5 ea/Case
7100021251	70071618261	•	•	TR-6700FC	3M™ Versaflo™ Filter Cover TR-6700FC/37356(AAD), for TR-6710ANZ Filter, 1 EA/Case
7100020996	CR180812388	•	•	TR-6110E	3M™ Versaflo™ Nuisance* Odour Organic Vapour Plus PAPR-P3 Filter TR-6110E, 5 ea/Case
7100021248	70071622057	•	•	TR-6100FC	3M™ Versaflo™ Filter Cover TR-6100FC for TR-6100 Series Filters, 1/Box, 1 Box/Case
7100021255	70071618246	•	•	TR-6600	3M™ Versaflo™ Prefilter TR-6600/37354(AAD), for TR-600 PAPR, 50 EA/Case
7100035845	70071618253	•	•	TR-662	3M™ Versaflo™ Spark Arrestor, TR-662

Step 4 : Select Storage (if required)

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012880650	AT010601550	•	•	S1303-0166	3M™ Versaflo Storage PAPR Bag S1303-0166, 1 Bag/Case


S1303-0166

3M™ PF-600E-ASB Powered Air Purifying Respirator

QR-PSA-37
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- Lightweight and compact
- Continuous visible monitor of battery status and filter blockage
- Audible alarm for low battery and filter clogging
- Typical 6-7 hours use for a single charge
- NiMH high power battery with fast recharge
- Shower-proof construction enhances decontamination
- Low through life running costs
- Compatible with FF-300 and FF-600 full facepieces
- Compatible with S-333, S-533, M-200 and M-300 headtop/hoods with appropriate hoses and PF-949 adaptor. NOTE: M-200, M-300 & M-307CAP with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)
- Requires annual service conducted by an approved 3M service agent
- IP 54 or IP65 (suitable for cleaning by showering/water spray) with filters/decontamination plugs fitted and breathing tube/breathing tube port plug fitted. Do not submerge.
- Compliant with AS/NZS 1716:2012

PF-619E-ASB compatible only with



FF-300 | FF-600

Export controlled product. Document required to be signed upon purchase.



PF-619E-ASB Starter Kit

PF-619E-ASB-PF-949 compatible only with



S-333 | S-533



M-300* | M-200*



M-307CAP*

*M-200, M-300 & M-307CAP with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)



SS-6607



PF-653



PF-972



PF-641E

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100293330	UU012121842	•	•	PF-619E-ASB	3M™ Powered Air Respirator System Starter Kit PF-619E-ASB, 1 ea/Case. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt. 2 x DT-1135E PAPR-P3 particulate filters, SS-6601 Prefilter pack (2 x SS-602 Prefilter holders & 6 x SS-6600 Prefilters). Compatible only with FF-300 & FF-600 tight fitting full facepieces.
7012875356	AT019501454	•	•	PF-619E-ASB-PF-949	3M™ Powered Air Respirator System Starter Kit PF-619E-ASB-PF-949, 1 ea/Case. Comes with PF-602E-ASB blower with PF949 breathing tube adaptor attached, PF-972 Airflow Indicator, BT-30 Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt. 2 x DT-1135E PAPR-P3 particulate filters, SS-6601 Prefilter pack (2 x SS-602 Prefilter holders & 6 x SS-6600 Prefilters). Compatible only with S-333, S-533, M-200 & M-300 headtops.

For spare parts and accessories refer to the Part & Accessories page. NOTE: M-200, M-300 & M-307CAP with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

PF-600E-ASB System Matrix

Headtop/Facepiece, Hose and Filter Options.



S-333 S-533 M-200* M-300* M-307CAP*

*M-200, M-300 & M-307CAP with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)



FF-300

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FF-600



BT-20 S/L BT-30 BT-40

(BT-30 comes standard with PF-619E-ASB-PF-949 Starter Kit)



SC-BT-56-ASB
(comes standard with PF-619E-ASB Starter Kit)



PF-619E-ASB-PF-949 Starter Kit with PF-949 breathing tube adaptor attached for use with selected loose fitting headtops
SAP ID: 7012875356
Legacy ID: AT019501454



PF-619E-ASB Starter Kit for use with tight fitting full facepeice FF-300 and FF-600
SAP ID: 7100293330
Legacy ID: UU012121842



DT-1135E PAPR-P3
(comes standard with PF-619E-ASB and PF-619E-ASB-PF-949 Starter Kits)



DT-4045E PAPR-B1EK1P3

See note in page 86 in regards to PAPR Organic Vapour rating under AS/NZS 1716

Note: Refer to catalogue sections for further information on each product and country availability.

Powered Air Purifying Respirators

3M™ FF-300 Full Facepiece

- Halo-butyl elastomer face piece material
- Unique speech diaphragm that for clearer speech transmission
- Easy disinfection, decontamination and maintenance
- Wide sealing edge provide superior fit
- T-bar 5 point head harness for increased wearer comfort and fit
- Sweat port in chin pocket providing added comfort during extended wear times
- Quick release headband
- Slim-line design allows easy integration with helmets and earmuffs
- Wide sealing edge provide superior fit
- Available in two sizes
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB
- Polycarbonate visor
- Compatible with DT-Series Filters in Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.

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Compatible with



PF-600E-ASB

Accessories

FF-300-926



FF-300-20

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100237033	UU010978961	•	•	FF-301	3M™ Reusable Full Face Mask FF-301-S, Small, 4 ea/Case
7100236989	UU010978953	•	•	FF-302	3M™ Reusable Full Face Mask FF-302-M/L, Medium/Large, 4 ea/Case
7012623323	XP100544145	•	•	FF-300-926	3M™ Scott™ Lens Covers 012698, 10/Pack
7012912362	XP100544160	•	•	FF-300-20	3M™ Scott™ Prescription Spectacle Frame 5512790

For spare parts and accessories refer to the Reusable Respirator Catalogue Section

3M™ FF-600 Full Facepiece

- Silicon face piece material
- Reverted edge face seal ensuring good fit and increased safety
- High efficiency speech diaphragm allows wearer to communicate clearly
- Available in three sizes
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB
- Polycarbonate visor
- Compatible with DT-Series Filters Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.



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Compatible with



PF-600E-ASB

Accessories

FF-600-926



FF-600-20

		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100236942	UU010979498	•	•	FF-601	3M™ Reusable Full Face Mask FF-601-S, Small, 4 ea/Case
7100236941	UU010979480	•	•	FF-602	3M™ Reusable Full Face Mask FF-602-M, Medium, 4 ea/Case
7100236885	UU010979332	•	•	FF-603	3M™ Reusable Full Face Mask FF-603-L, Large, 4 ea/Case
7100236084	UU010979506	•	•	FF-600-926	3M™ Reusable Respirator Full Facepiece Faceshield Stacked Cover 6800
7100236821	UU010979514	•	•	FF-600-20	3M™ Spectacle Kit FF-600-20, 4 ea/Case

For spare parts and accessories refer to the Reusable Respirator Catalogue Section

3M™ DT Series Filters & Accessories for PF-600E-ASB Powered Air Purifying (PAPR) Units

- This selection of DT Series filters are suitable for use with the PF-600E-ASB PAPR
- DT Series filters have a DIN 40mm thread connection

DT-4045E
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DT-1135E
QR-PSA-41
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DT-4045E
PAPR-B1E1K1P3



DT-1135E
PAPR-P3

Pre-Filters and Accessories


SS-6601


SS-6607


SS-6600

Filter	Colour	Main area of application
PAPR-P	White	Particles: dusts, mists, fumes, fibres & bioaerosols
PAPR-B	Grey	Gases. eg. chlorine, hydrogen sulphide
PAPR-E	Yellow	Sulphur dioxide
PAPR-K	Green	Ammonia and organic ammonia derivatives

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100260622	UU011502539	•	•	DT-1135E	3M™ Particulate Filter PF10 PAPR-P3 R D DT-1135E, 10 ea/Case
7100260628	UU011502596	•	•	DT-4045E	3M™ Combination Filter DT-4045E, CF32 PAPR-B1E1K1P3 R D, 1 Each
7100236853	UU010979753	•	•	SC-6601	3M™ Prefilter and Holder SS-6601, for DT-Series Filters, 5 ea/Case
7100236854	UU010979779	•		SC-6600	3M™ DT-Series Prefilter SS-6600, for DT-Series Filters, 5 Each
7100237883	UU010979761	•		SS-6607	3M™ DT-Series Filter Cover Orange Polyethylene SS-6607, 10 ea/Case

NOTE: The DT-4045E is a dual rated/labelled filter for both negative pressure full facepiece respirators (FF-300, FF-600 & FF-600F) and the positive pressure PAPR PF-600E-ASB. Due to the constant flow rate on the PAPR, this filer is rated at PAPR-B1E1K1P3 to AS/NZS 1716 with nuisance level capacity for organic vapours in this combination. This filter in the negative pressure full facepiece combination is rated and coloured A2B2E2K2P3 to AS/NZS 1716.

PF-600E-ASB Breathing Tubes & Accessories


SC-BT-56-ASB


BT-20 S/L


BT-30


BT-40


PF-653


SC-327


PF-641E


BT-922*


PF-972

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100265213	UU011534342	•	•	SC-BT-56-ASB	3M™ Breathing Tube SC-BT-56-ASB, for PF-600E-ASB, 1 ea/Case
7012917879	XP100140639	•		2026231	3M™ Scott™ Fixed Length PU Hose for PF-600E-ASB 2026231
7100237055	UU010979738	•		PF-653	3M™ Shower Plugs PF-653 for PF-600E, 3 Plug/Pack, 5 Pack/Case
7100265218	UU011535331	•	•	SC-327	3M™ PAPR Belts & Belt Assembiles
7100236843	UU010979811	•	•	PF-641E	3M™ Battery Charger PF-641E, for PF-630/PF-632 Battery, 1 ea/Case
7100293333	UU012132385	•	•	PF-972	3M™ Airflow Indicator PF-972 for PF-600E-ASB Powered Air Respirator, 1 Each/Case
7100296133	70071533015	•		BT-20L	3M™ Versaflo™ Breathing Tube BT-20L, Medium/Large, 1 ea/Case L=965mm for use with PF-600E-ASB with PF-949 adaptor
7100134625	70071533023	•		BT-20S	3M™ Versaflo™ Standard Duty Breathing Tube, BT-20S L=735mm for use with PF-600E-ASB with PF-949 adaptor
7100006955	XA007706584	•	•	BT-30	3M™ Versaflo™ Length Adjusting Breathing Tube BT-30 L=525-850mm for use with PF-600E-ASB with PF-949 adaptor
7100069524	UU003085113	•	•	BT-40	3M™ Versaflo™ Heavy Duty Breathing Tube BT-40, 1 ea/Case L=840mm for use with PF-600E-ASB with PF-949 adaptor
7000103964	XA007706527	•	•	BT-922	3M™ Versaflo™ Breathing Tube Cover BT-922, 1 Pack/Case

*Breathing tube not included

3M™ PF-600E-ASB PAPR Ready-Paks



PF-600E-ASB-FF-302

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PF-600E-ASB-FF-603

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100295035	UU012187892	•		PF-600E-ASB-FF-302	FF-302 Medium PF-600E-ASB Ready-Pak. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and stackable tubs. Export controlled product. Document required to be signed on purchase.
7100293328	UU012118202	•		PF-600E-ASB-FF-603	FF-603 Medium/Large PF-600E-ASB Ready-Pak. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and stackable tubs.

3M™ PF-600E-ASB-M-307 Kit

NOTE: M-307 with PF-600E-ASB-PF-949 Combination PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)



PF-600E-ASB-M-307

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SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012882895	AT019501447	•	•	PF-600E-ASB-M-307	PF-600E-PF-949 Ready-Pak. Comes with PF-602E-ASB blower with PF-949 breathing tube adaptor attached , M-307 with reflective tape, PF-972 Air Flow Indicator, BT-30 Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Showerplugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and S1303-0166 storage bag. NOTE: M-307 with PF-600E-ASB-PF-949 Combination PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

For spare parts and accessories refer to the Part & Accessories pages

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