



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

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
- Good option if using for long periods by reducing the weight of a filter carried on a facepiece
- Helps prevent user fatigue with air moving around the head and face cooling the wearer
- 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)

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 knowledgeable of the assessed risks, actual working conditions and limitation 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, compact 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 and downward vision
- 7 Easily 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)



Continuous Flow Supplied Air



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)
- Must not be used in conditions that are Immediately Dangerous to Life or Health (IDLH)
- 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. 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



Continuous Flow Supplied Air Systems



**3M™ Vortex
Cooling
Supplied
Air Unit V-100**



**3M™ Vortex
Heating
Supplied
Air Unit V-200**



**3M™ Supplied
Air Unit V-300**



**3M™ V-500E
Regulators
V-Series**



**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



Modular respirator systems.

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension

Reusable Suspension



3M™ Versaflo™ Headtops M-Series

Faceshields

Helmets

Helmets
with Shrouds



Breathing Tubes - Loose Fitting

Hoods & Headtops

BT-20 S/L: Lightweight (in two lengths)

BT-30: Self-adjusting

BT-40: Heavy-duty rubber



Powered air turbos

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



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

Continuous Flow Supplied Air Regulators/Valves

Air Cooling

Air Heating

Flow Controlled



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
- 4-Station Battery Charger Kit



Airline components

Air Supply Hose



Air Panels



Powered Air Purifying Respirators

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

Full Face



FF-400

Half Face



7500

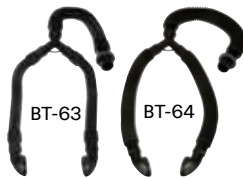
Full Face



6000

Breathing Tubes - Tight Fitting Facepieces

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



BT-63

BT-64

Powered air turbos

Particulate + Gas
& Vapour



3M™ Versaflo™
Powered Air Turbo TR-600

Intrinsically Safe
Particulate + Gas
& Vapour



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

Continuous Flow Supplier Air Stethoscope & Valves

7500 Half Face and 6000
Full Face only



Stethoscope Airline system

Airline components

Air Supply Hose



Air Panels



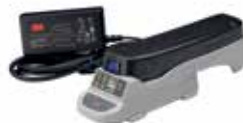
TR-600 & TR-800 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance Level Organic Vapour/Acid Gas
- PAPR-A1P3 Filter
- PAPR-A1B1E1HgP3 Filter



TR-600 Battery

- Standard Battery
- High Capacity Battery



TR-600 & TR-800 Chargers

- Single Station Bat. Charger
- 4-Station Bat. Charger Kit



TR-830 Battery

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

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 -610m below sea level and up to 4,880 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 Plugs attached (while cleaning)



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



Comfortable airflow

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

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

Range of Accessories Available



TR-819A starter kit

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)

3M Order Code	Model #	Description
70071732666	TR-819A	TR-819A IS PAPR 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-641A 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
70071730900	TR-802E	TR-800 Powered Air turbo unit including an TR-971 airflow indicator

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

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
- IP53 for TR-600 Blower (while in use). IP67 for TR-600 Blower with TR-653 Cleaning Plugs attached (while cleaning)



3M Order Code	Model #	Description
70071697000	TR-619A	Versaflo™ Powered Air Turbo Starter Kit 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-641A single station battery charger. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.
UU011506860	TR-602E	TR-600 Powered Air Turbo unit including an TR-971 Airflow indicator

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

Powered Air Purifying Respirators

TR-600 & TR-800 Filters & Filter Covers



3M Order Code	Model #	Description
UU008996215	TR-6310ANZ	PAPR-A1P3 Filter For Organic Vapours and particulates
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ
UU008996223	TR-6580ANZ	PAPR-A1B1E1HgP3 Filter For Organic Vapours, Acid Gases, Inorganic gases and Mercury vapour including a PAPR-P3 Filter. Suitable for nuisance levels of ammonia. Nuisance level are those underneath the workplace exposure standard (WES)
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996199	TR-6710ANZ	PAPR-P3 Particulate High Efficiency Filter Versaflo™
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR-6710ANZ
UU008996207	TR-6820ANZ	PAPR-P3 with nuisance level odour. Nuisance level are those underneath the workplace exposure standard (WES)
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ
70071618246	TR-6600	Versaflo™ Particulate Pre-Filter
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600

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



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 |
sls.3m.com

Loose Fitting Headtop/Hood Breathing Tubes and Covers

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.



3M Order Code	Model #	Description
70071533015	BT-20L	Fixed length lightweight Polyurethane Breathing Tube L=965mm
70071533023	BT-20S	Fixed length lightweight Polyurethane Breathing Tube L=735mm
XA007706584	BT-30	Self-adjustable Polyurethane Breathing Tube L=525-850mm
UU003085113	BT-40	Fixed length Heavy Duty Neoprene Breathing Tube L=840mm
XA007706527	BT-922	Breathing Tube Cover Polyethylene Clear* - 1 per case
70071564432	BT-926	Flame Resistant Breathing Tube Cover - 1 per case
UU006081895	BT-927	Breathing Tube Heat Cover

*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.



3M Order Code	Model #	Description
70071730876	BT-64	Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64
70071730934	BT-63	Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63
70071730892	BT-953	Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes
70071730884	TR-973	Versaflo™ Air Flow Indicator TR-973, for TR-600/TR-800 PAPR with BT-63/64 Breathing Tube

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

Powered Air Purifying Respirators

TR-600 & TR-800 Accessories



Accessories

3M Order Code	Model #	Description
70071697117	TR-830	TR-800 Battery, Intrinsically safe 1/CS* 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)
70071697125	TR-838	TR-800 battery attachment tool
52000053547	TR-630	TR-600 Versaflo Battery standard. 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
52000053554	TR-632	TR-600 Versaflo High Capacity Battery. 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
AT019494825	TR-641A	Single Station Charger to Suit Versaflo™ TR-630/TR-632/TR-830 battery
AT019494817	TR-644A	4 Station Charger to Suit the Versaflo™ TR-630/TR-632/TR-830 battery. Includes TR-944 docking station and 4 x TR-641 single stations
	BPK-HD	Heavy Duty Back pack. Suitable for TR-300, TR-600, TR-800 and Adflo.
UU012452437	TR-927	Easy Clean Backpack 1 ea/Case. Suitable for TR-300, TR-600 & TR-800
UU010933040	TR-626	High Durability Belt to Suit TR-600/TR-800 Versaflo™ Air Filtering Unit
UU010916185	TR-627	Easy Clean Belt to suit TR-600/TR-800 Versaflo Air Filtering Unit
70071618428	TR-653	Cleaning & Storage Kit to suit Versaflo™ TR-600/TR-800 air filtering unit. Used to rinse or submerge for cleaning (IP67)
70071668076	TR-971	Airflow Indicator for TR-300+/TR-600/TR-800 Versaflo™ Unit with loose fitting headtops e.g. S-Series and M-Series
70071765625	TR-681	Versaflo™ PAPR Disposable polypropylene non woven and polyester mesh Cover TR-681, for TR-600/TR-800 PAPR
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag
70071618147	TR-626X	3M™ Versaflo™ High Durability Belt Extender
70071618162	TR-627X	3M™ Versaflo™ Easy Clean Belt Extender
AT019167745	TR-329	Braces for PAPR Belt

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

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



3M Order Code	Model #	Description
XA010037779	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-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
UU008566075	TR-302E+	TR-300+ Powered Air turbo unit including an TR-971 airflow indicator

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

Powered Air Purifying Respirators

TR-300+ Filters



TR-3712E



TR-3802E



TR-3822E



TR-371+



TR-3600



TR-362E

3M Order Code	Model #	Description
UU011647516	TR-3712E	TR-300+ Filter PAPR-P3 Particulate
78815069386	TR-3802E	TR-300+ Filter PAPR-P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	TR-300+ Filter PAPR-P3 & HF Plus Nuisance Acid Gases
UU006386765	TR-371+	TR-300+ Filter cover
AT010592650	TR-3600	TR-300+ Prefilter
XA007706659	TR-362E	Spark Arrestor

TR-300+ Accessories



TR-326



TR-327



TR-971



S1303-0166



901-00-87



TR-341A



TR-344A



TR-325



TR-332



TR-626X



TR-627X



TR-329



BPK-HD



TR-927



TR-381

3M Order Code	Model #	Description
XA007706592	TR-325	Std Waist Belt
XA007706691	TR-326	High Durability Leather Waist Belt
XA007706709	TR-327	Easy Clean Waist Belt
	BPK-HD	Heavy Duty Back pack. Suitable for TR-300+, TR-600, TR-800 and Adflo.
UU012452437	TR-927	Easy Clean Backpack 1 ea/Case. Suitable for TR-300+, TR-600 & TR-800
XA007706568	TR-332	TR-300+ Battery Pack. Run time with new battery pack, clean filter and fully charged is approx. 8-12 hours. Recharge time is <3.5 hours
AT010590274	TR-341A	TR-300+ Single Station Battery Charger
AT010590282	TR-344A	TR-300+ Quad Station Battery Charger. includes TR-944 docking station and 4 x TR-341 single stations. Suitable for TR-332 battery
AT010784307	901-00-87	28L Tote bin for PAPR kits
70071668076	TR-971	Airflow Indicator for TR-300+/TR-600/TR-800 VersaFlo™ Unit with loose fitting headtops e.g. S-Series & M-Series
70071618147	TR-626X	3M™ VersaFlo™ High Durability Belt Extender
70071618162	TR-627X	3M™ VersaFlo™ Easy Clean Belt Extender
AT019167745	TR-329	Braces for PAPR Belt
AT010601550	S1303-0166	VersaFlo™ Storage Bag
70071765583	TR-381	VersaFlo™ PAPR Disposable polypropylene non woven and polyester mesh Cover TR-381, for TR-300+ PAPR

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

Powered Air Purifying Respirators

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 storage solution of either a tote bin or padded bag depending on the kit.

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



TR-300+ Kits

3M Order Code	Model #	Description
AT010590522	TRM-207C	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-341A 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 901-00-87 tote bin.
AT010590548	TRM-307C	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-341A 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.
AT010590563	TRM-407C	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-341A 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 901-00-87 tote bin.
AT019494742	CAPM-307C	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-341A 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 Guide



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



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



3M Order Code	Model #	Description
UU011469986	M-206	Faceshield with Comfort Faceseal
70071673779	M-207	Faceshield with Flame Resistant Faceseal

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

Powered Air Purifying Respirators

M-200 Series accessories



3M Order Code	Model #	Description
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
70071766334	M-940	Mining cap lamp bracket kit 1/EA
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
UU003029434	M-972	Flame resistant head-top cover - 1 per case
UU008294835	M-936	Comfort Faceseal - 5 per case
70071562212	M-937	Flame resistant Faceseal - 5 per case
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case
AT010592841	H31P3AF	Earmuff s for M-Series Head Tops, M-200 (20dB Class 3) M-300 (25dB Class 4)
XA007702625	Z3AF/2	Back plate kit for Versaflo M-200 & M-300 Headtops to connect 3M Peltor P3 cap attach earmuffs

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

Ready to use PAPR Kits with M-200 Headtop



3M Order Code	Model #	Description
AT010590522	TRM-207C	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-341A 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 901-00-87 tote bin.

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

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



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

Range of Accessories Available



3M Order Code	Model #	Description
UU011469960	M-306	Versaflo Helmet with coated visor and comfort faceseal
70071562006	M-307	Versaflo Helmet with coated visor and flame resistant faceseal
AT019494759	M-307CAP	M-307 helmet with M-940 Cap lamp bracket kit attached and reflective tape

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

Powered Air Purifying Respirators

M-300 Series accessories



3M Order Code	Model #	Description
70071766334	M-940	Mining cap lamp bracket kit 1/EA
UU006077661	M-973	Radiant Heat Cover for M-300
UU006081861	M-961	Over Visor Frame
UU006081887	M-967	Gold Over Visor UV/IR (Shade 5)
AT010592841	H31P3AF	Earmuffs for M-Series Head Tops, M-200 (20dB Class 3), M-300 (25dB Class 4)
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
UU008294835	M-936	Comfort Faceseal - 5 per case
70071562212	M-937	Flame resistant Faceseal - 5 per case
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
UU003029434	M-972	Flame resistant head-top cover - 1 per case
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case
UU008014308	MT7V/1	Dynamic Microphone (including helmet attachment)
UU008013581	MT53V/1	Electret Microphone (including helmet attachment)
XA007702625	Z3AF/2	Back plate kit for Versaflo M-200 & M-300 Headtops to connect 3M Peltor P3 cap attach earmuffs

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

Ready to use PAPR Kits with M-300 Headtop



3M Order Code	Model #	Description
AT010590548	TRM-307C	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-341A 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.
AT019494742	CAPM-307C	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-341A 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 Guide

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 helmets Type 1 rated
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor



M-406

Compatible with

PAPR



TR-300+



TR-600



TR-800

Continuous Flow Supplied Air



V-500E



V-100



V-200



V-300

Range of Accessories Available



3M Order Code	Model #	Description
XA007707483	M-406	Versaflo Helmet with high durability neck and shoulder shroud
UU011469994	M-407	Versaflo Helmet with flame resistant neck and shoulder shroud

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

Powered Air Purifying Respirators

M-400 Series accessories



3M Order Code	Model #	Description
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
70071766334	M-940	Mining cap lamp bracket kit 1/EA
UU006081861	M-961	Over Visor Frame
UU006081887	M-967	Gold Over Visor UV/IR (Shade 5)
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU006077679	M-975	Radiant Heat Cover for M-400
UU008294819	M-444	Inner collar
UU008294108	M-447	Versaflo™ Flame Resistant Outer Shroud
UU008294827	M-448	Versaflo™ High Durability Outer Shroud
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case

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

Ready to use PAPR Kits with M-400 Headtop



TRM-407C

3M Order Code	Model #	Description
AT010590563	TRM-407C	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-341A 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 901-00-87 tote bin.

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

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.



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.



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



TR-300+



TR-600



TR-800



PF-600E-ASB with
PF-949 Breathing Tube
adaptor*.

*S-333 & S-533 only.

Continuous Flow Supplied Air



V-500E



V-100



V-200



V-300

3M Order Code	Model #	Description
52000045782	S-133S	Head Cover (Small) with integrated head harness, headtop fabric, spun bond polypropylene
52000045824	S-133L	Head Cover (Large) with integrated head harness, headtop fabric, spun bond polypropylene
52000045865	S333SG	Low lint Head Cover (Small/Grey) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045881	S333LG	Low lint Head Cover (Large/Grey) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045907	S-433S	Hood (Small) with integrated head harness - 1 per box, headtop fabric, spun bond polypropylene
52000045923	S-433L	Hood (Large) with integrated head harness - 1 per box, headtop fabric, spun bond polypropylene
52000045949	S-533S	Low Lint Hood (Small) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045964	S-533L	Low Lint Hood (Large) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
AT010584301	S-920L	Visor Cover for Integrated Harness Hoods S-100, S-300, S-400 & S-500 Assemblies (L) - 10 per pack
AT010584319	S-920S	Visor Cover for Integrated Harness Hoods S-100, S-300, S-400 & S-500 Assemblies (S) - 10 per pack

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

Versaflo™ S-Series Premium Head Suspension Hoods & Headcovers

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.

Compatible with

PAPR



TR-300+



TR-600



TR-800

Continuous Flow Supplied Air



V-500E



V-100



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 overalls, 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.

3M Order Code	Model #	Description
UU003722327	S-655	Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
UU003722335	S-657	Double Shroud Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
UU003719109	S-757	Double Laminate Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
70071533338	S-855	Sealed seam hood with replaceable head harness - 1 per box, headtop fabric, spun bond polypropylene
70071533395	S-950	Premium Head Suspension for S-600, S-700 & S-800 Assemblies. Includes S-955 Air-Flow adjustment cover and S-956 Air duct sealing ring
52000046152	S-953	Comfort Pad for S-600, S-700 & S-800 Assemblies
AT010582792	S-605	Replacement Hood for S-655 - 1 per box
AT010582800	S-607	Replacement Hood for S-657 - 1 per box
AT010582818	S-707	Replacement Hood for S-757 - 1 per box
70071533312	S-805	Replacement Hood for S-855 - 5 per box
AT010584327	S-922	Visor Cover for Reusable Harness Hoods S-600, S-700 & S-800 Assemblies - 10 per pack

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

Accessories



S-950

Opened Valve



Closed Valve



The external lets wearers modify the location of the airflow.



S-953



S-922

Powered Air Purifying Respirators

Make your own Versaflo PAPR Kit/Combination

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

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-307

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

BT-63

BT-64

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

Step 2 : Select Versaflo PAPR Starter Kit

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



Particulate + Gas & Vapour



Intrinsically Safe Particulate + Gas & Vapour



3M Order Code	Model #	Description
XA010037779	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-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.
70071697000	TR-619A	Versaflo™ Powered Air Turbo 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.
70071732666	TR-819A	IS PAPR 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 storage tub or bag

Powered Air Purifying Respirators

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



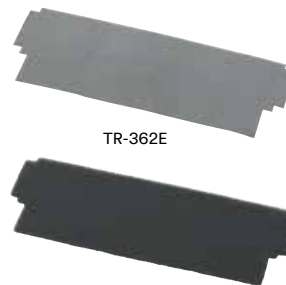
TR-3712E



TR-3802E



TR-3822E



TR-362E

TR-3600

3M Order Code	Model #	Description
UU011647516	TR-3712E	TR-300+ Filter PAPR-P3 Particulate
78815069386	TR-3802E	TR-300+ Filter PAPR-P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	TR-300+ Filter PAPR-P3 & HF Plus Nuisance Acid Gases
AT010592650	TR-3600	TR-300+ Prefilter
UU006386765	TR-371+	TR-300+ Filter cover
XA007706659	TR-362E	Spark Arrestor

TR-600 & 800+ Filters & Filter Covers

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



TR-6300FC



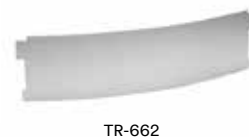
TR-6500FC



TR-6700FC



TR-6800FC



TR-662



TR-6310ANZ



TR-6580ANZ



TR-6710ANZ



TR-6820ANZ



TR-6600

3M Order Code	Model #	Description
UU008996215	TR-6310ANZ	PAPR-A1P3 Filter For Organic Vapours and particulates
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ
UU008996223	TR-6580ANZ	PAPR-A1B1E1HgP3 Filter For Organic Vapours, Acid Gases, Inorganic gases and Mercury vapour including a PAPR-P3 Filter. Suitable for nuisance levels of ammonia. Nuisance level are those underneath the workplace exposure standard (WES)
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996199	TR-6710ANZ	PAPR-P3 Particulate High Efficiency Filter Versaflo™
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR -6710ANZ
UU008996207	TR-6820ANZ	PAPR-P3 with nuisance level odour. Nuisance level are those underneath the workplace exposure standard (WES)
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ
70071618246	TR-6600	Versaflo™ Particulate Pre-Filter
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600

Step 4 : Select Storage (if required)



S1303-0166



901-00-87

3M Order Code	Model #	Description
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

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

3M™ PF-600E-ASB (Proflow SC160) Powered Air Purifying Respirator

- 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 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.



PF-619E-ASB Starter Kit



SS-6607

PF-653

PF-972

PF-641E

PF-619E-ASB compatible only with

FF-300 FF-600

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

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

S-333 S-533

M-300* M-200*

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

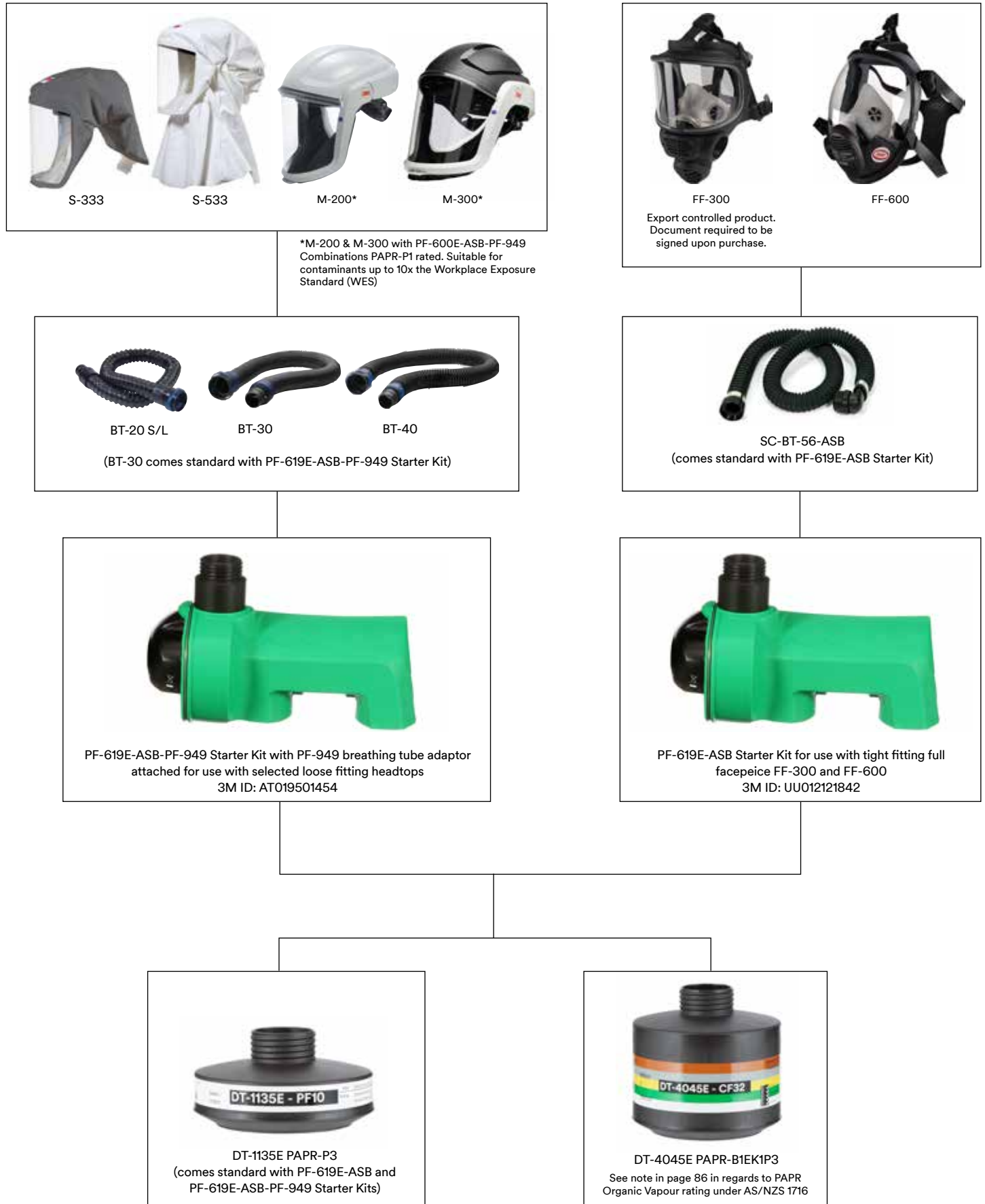
3M Order Code	Model #	Description
UU012121842	PF-619E-ASB (064580)	PF-619E-ASB (Proflow SC160) Starter Kit. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt. 2 x DT-1135E 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.
AT019501454	PF-619E-ASB-PF-949	PF-619E-ASB-PF-949 (Proflow SC160) Starter Kit. 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 Guide. NOTE: M-200 & M-300 with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

Powered Air Purifying Respirators

PF-600E-ASB (Proflow SC160) System Matrix

Headtop/Facepiece, Hose and Filter Options.



Powered Air Purifying Respirators

3M™ FF-300 (Promask Single/FM3) 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 (Proflow 160)
- Polycarbonate visor
- Compatible with DT-Series Filters in Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.



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

Accessories



FF-300-926 (012698)



FF-300-20 (012790)

3M Order Code	Model #	Description
UU010978961	FF-301 (012670)	3M FF-301 (Promask Single/FM3) PAPR full facepiece Small. Export controlled product. Document required to be signed upon purchase.
UU010978953	FF-302 (012681)	3M FF-302 (Promask Single/FM3) PAPR full facepiece Medium/Large. Export controlled product. Document required to be signed upon purchase.
XP100544145	FF-300-926 (012698)	Visor overlays (set of 10)
XP100544160	FF-300-20 (012790)	Prescription spectacle frame

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

3M™ FF-600 (Vision RFF4000/FM4) 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 (Proflow SC160)
- Polycarbonate visor
- Compatible with DT-Series Filters Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.



Accessories



FF-600-926 (VCP1000)



FF-600-20 (2015082)

3M Order Code	Model #	Description
UU010979498	FF-601 (RFF4000S)	3M FF-601 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Small
UU010979480	FF-602 (RFF4000M)	3M FF-602 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Medium
UU010979332	FF-603 (RFF4000M/L)	3M FF-603 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Medium/Large
UU010979506	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

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

Powered Air Purifying Respirators

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



DT-1135E

Pre-Filters and Accessories



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

3M Order Code	Model #	Description
UU011502539	052670/DT-1135E	DT-Series PF 10 PAPR-P3
UU011502596	042799/DT-4045E	DT-Series CF 32 PAPR-B1E1K1P3
UU010979753	SS-6601/SC-6601	Pre-filter pack for DT-Series Filters. Includes 6 x SS-6600 prefilters and 2 x SS-6602 prefilter holders
UU010979779	SS-6600/SC-660	DT-Series Prefilter 20EA/Pack
XP100544442	SS-6607/SC-6607	DT-Series Filter Covers Orange Polythylene 2/EA/Pack

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

PF-600E-ASB Breathing Tubes & Accessories



SC-BT-56-ASB (063799)



BT-20 S/L



BT-30



BT-40



PF-653 (2023305)



SC-327 (2015430)



PF-641E (063791)



BT-922*

3M Order Code	Model #	Description
UU011534342	SC-BT-56-ASB (063799)	EPDM hose (angle & DIN) 80cm for use with FF-300 (FM3) & FF-600 (FM4) (comes standard with PF-619E-ASB Starter Kit and Ready-Pak)
XP100140639	2026231	Fixed length PU for use with FF-300 (FM3) & FF-600 (FM4)
XP100137106	PF-653 (2023305)	Shower plugs blower caps to suit PF-600E-ASB
UU011535331	SC-327 (2015430)	SC-327 Easy clean belt PVC to suit PF-600E-ASB
UU010979811	PF-641E (063791)	Charging Kit for PF-600E-ASB
70071533015	BT-20L	Fixed length lightweight Polyurethane Breathing Tube L=965mm for use with PF-600E-ASB with PF-949 adaptor
70071533023	BT-20S	Fixed length lightweight Polyurethane Breathing Tube L=735mm for use with PF-600E-ASB with PF-949 adaptor
XA007706584	BT-30	Self-adjustable Polyurethane Breathing Tube L=525-850mm for use with PF-600E-ASB with PF-949 adaptor. Comes standard with PF-619E-ASB-PF-49 starter kit and PF-619E-ASB-M-307 Ready-Pak
UU003085113	BT-40	Fixed length Heavy Duty Neoprene Breathing Tube L=840mm for use with PF-600E-ASB with PF-949 adaptor
XA007706527	BT-922	Breathing Tube Cover Polyethylene Clear* - 1 per case

*Breathing tube not included

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

Powered Air Purifying Respirators

3M™ PF-600E-ASB (Proflow SC160) PAPR Ready-Paks



PF-600E-ASB-FF-302 (5064594)

PF-600E-ASB-FF-603 (5564593)

3M Order Code	Model #	Description
UU012187892	PF-600E-ASB-FF-302 (5064594)	FF-302 Medium (Promask Single/FM3) PF-600E-ASB (Proflow SC160) 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 (Pro2000) 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.
UU012118202	PF-600E-ASB-FF-603 (5564593)	FF-603 Medium/Large (Vision RFF4000) PF-600E-ASB (Proflow SC160) 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 (Pro2000) 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

3M Order Code	Model #	Description
AT019501447	PF-600E-ASB-M-307	M-307 Headtop with reflective tape, PF-600E-ASB (Proflow SC160) Ready-Pak. Comes with PF-602E-ASB blower with PF-949 breathing tube adaptor attached 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 (Pro2000) 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 Guide





Continuous Flow Supplied Air

Delivers breathing air through a compressed air hose attached to a source of clean air such as a compressor, pump, or air cylinder.

Continuous Flow Supplied Air

Delivers breathing air through a compressed air hose attached to an airpanel to provide a source of clean air such as a compressor, pump, or air cylinder.

Some benefits include

- May be able to use compressed air that is already available
- Options to cool or heat breathable air up to 25°C (50°F)
- Higher protection factors vs negative pressure respirators
- Option where respirator cartridges are not permitted or practical
- No fit testing and limited facial hair permitted with loose-fitting headtops

Other considerations include

- Compressed air needs to be breathable air (requires breathable air filter pannel) and periodic testing required.
- Limited by length of hose
- Installation and maintenance
- Pressure and flow limitations
- Not for use in IDLH atmospheres, oxygen deficient or confined spaces as does not have emergency escape breathing apparatus.



Continuous Flow Supplied Air Systems



Selection process for Continuous flow supplied air systems



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-406
M-407

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

Powered air turbos

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



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

Continuous Flow Supplied Air Regulators/Valves

Air Cooling

Air Heating

Flow Controlled



3M™ Vortex
Supplied
Air Unit V-100

3M™ Vortex
Supplied
Air Unit V-200

3M™ Supplied
Air Unit V-300

3M™ Supplied
Air Regulator V-500E

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
- 4-Station Battery Charger Kit



Airline components

Air Supply Hose



Air Panels



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

Full Face



FF-400

Half Face



7500

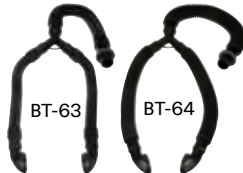
Full Face



6000

Breathing Tubes - Tight Fitting Facepieces

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



BT-63

BT-64

Powered air turbos

Particulate + Gas
& Vapour



3M™ Versaflo™
Powered Air Turbo TR-600

Intrinsically Safe
Particulate + Gas
& Vapour



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

Continuous Flow Supplier Air Stethoscope & Valves

7500 Half Face and 6000
Full Face only



Stethoscope Airline system

Airline components

Air Supply Hose



Air Panels



TR-600 & TR-800 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance Level Organic Vapour/Acid Gas
- PAPR-A1P3 Filter
- PAPR-A1B1E1HgP3 Filter



TR-600 Battery

- Standard Battery
- High Capacity Battery



TR-600 & TR-800 Chargers

- Single Station Bat. Charger
- 4-Station Bat. Charger Kit



TR-830 Battery

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

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

Versaflo™ Supplied Air Regulator Kit, V-500E includes air regulator with locking adjustment knob and integrated low air flow warning whistle, silencer, replacement carbon filter, auxillary port and user instructions. Suits the range of M Series and S Series Versaflo and selected Speedglas headtops.



V-500E
Does NOT include 901-00-73 (CEJN 342) fitting



ALVM-206E (902-03-84)
Includes 1 x 901-00-73 (CEJN 342) fitting attached



Example
Setup



ALVM-406E (902-03-86)
Includes 1 x 901-00-73 (CEJN 342) fitting attached

Accessories



023-05-51P5



M-928 for M-200, M-300 & M-400 Headtops



M-976 for M-200 & M-300



BT-922*



M-924-25 for M-200, M-300 & M-400 Headtops



901-00-73 (CEJN 342)

3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator Does NOT include 901-00-73 (CEJN 342) fitting attached or breathing tube.
AT010587783	ALVM-206E (902-03-84)	Versaflo™ Spray Painter Kit, ALVM-206E c/w V-500 supplied air regulator, BT30 breathing tube, M-206 headtop and 901-00-87 tote bin. Includes 1 x 901-00-73 (CEJN 342) fitting attached
AT010587809	ALVM-406E (902-03-86)	Versaflo™ Kit ALVM-406E c/w V-500 supplied air regulator, BT30 breathing tube, M-406 headtop and 901-00-87 tote bin. Includes 1 x 901-00-73 (CEJN 342) fitting attached.
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"
52000017831	023-05-51P5	Carbon Filter & O-Ring Kit (5 x Replacement Filters plus 10 x O-Rings) Note: Carbon filter recommended replacement 6 monthly
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
XA007706527	BT-922*	Breathing Tube Cover Polyethylene Clear - 1 per case
70071767332	M-924-25	Tinted Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case

For spare parts and accessories refer to the Part & Accessories Guide. *Breathing tube not included.
Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

V-100 Versaflo Vortex Cooling Assembly

Cooling Airline Kit includes Cooling Vortex Kit, V-100, muffler, hose connector, BT-30 adjustable breathing tube, waist belt and user instructions. Suits the range of M Series and S Series Versaflo and selected Speedglas headtops. Can provide the wearer up to 25°C cooling of the compressed air supply temperature



902-02-18

3M Order Code	Model #	Description
AT019184244	902-02-18	V-100 Cooling Airline Kit with adjustable BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached.
AT019167983	902-01-77	V-100 Cooling Airline Regulator - Without Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

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

V-200 Versaflo Vortex Heating Assembly

Heating Airline Kit includes Heating Vortex kit, V-200, muffler, hose connector, waist belt and user instructions. Suits the range of M Series and S Series Versaflo headtops. Can provide the wearer up to 25°C heating of the compressed air supply temperature



902-02-85

3M Order Code	Model #	Description
AT010589466	902-02-85	V-200 Heating Airline Kit with BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

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

V-300 Standard Airline Kit

Standard Airline Kit includes Standard Airline Regulator, V-300, muffler, hose connector, belt and instructions. Suits the range of M Series and S Series Versaflo headtops.



902-01-78

3M Order Code	Model #	Description
AT019167991	902-01-78	V-300 Standard Airline Kit without Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached.
AT019184236	902-02-17	V-300 Standard Airline Kit with BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

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

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

Compatible Hoods and Headtops with V-100, V-200, V-300 and V-500E



M-206
M-207

M-306
M-307



M-406
M-407

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



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

S-655
S-657
S-757

S-855E

Continuous Flow Supplied Air

Dual Airline Stethoscope Airline Systems Full and Half Facepiece Sets



3M Order Code	Model #	Description
AT019167140	68SA2	Full Facepiece System - Medium Kit c/w 6000 series full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN Series 342 nipple connector
AT019167157	69SA2	Full Facepiece System - Large Kit c/w 6000 series full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN Series 342 nipple connector
70070613214	SA-2500	Dual Airline Stethoscope Breathing Tube
70070710119	SA-2600	Dual Airline back-mounted Stethoscope breathing tube. Capability of fitting negative pressure filters as well as positive pressure continuous airflow airline protection.
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"
70070611606	SA-1007	SA-1007 Dual airline air regulating valve assembly. Comes with SA-1009 Dual airline air regulating valve & clip and GVP-127 Belt
70070757375	6880	Bayonet blanking cap 10/Pack. Used to close back bayonet attachments on SA-2600 back mounted dual airline breathing tube.

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

Dual Airline Stethoscope Breathing Tube Sets



902-03-15 shown fitted on 6000 Series Full face with 6035 filters fitted on the SA-2600 combination dual back mounted stethoscope breathing tube

NOTE: Does not include facepiece or filters

3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline Kit complete with SA-2500 dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 Dual airline air regulating valve assembly. Compatible with 6000 Full Facepiece and 7500 half facepiece series.
AT019202897	902-03-15	SA-2100 Combination Dual Airline Kit complete with SA-2600 dual airline back-mounted stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 Dual airline air regulating valve assembly. Capability of fitting negative pressure bayonet as well as positive pressure continuous airflow airline protection. Compatible with 6000 Full Facepiece and 7500 half facepiece series

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

Airline 1 Outlet Panel (425L/min)

Recommended filter replacement schedule; Particulate Coalescing element yearly or 8000 hours, whichever comes first. Carbon element 6 monthly. Note: More frequent filter change may be required based on usage



901-01-07

Airline 3 Outlet Panel (1020L/min)

Recommended filter replacement schedule; Particulate Coalescing element 2 years or when pressure drop reached 0.1MPa, Carbon element 1. When a odour is noticed coming form the outlet side 2. Even if deodorisation performance is normal, the replacement interval for the element is when the pressure drop reaches 0.1MPa or after 2 years of operation, whichever comes first. Note: More frequent filter change may be required based on usage



901-00-47

3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel with CEJN Series 342 Coupling - 1 Fitting, 1 person
AT019202798	901-01-09	Coalescing Element
AT019202806	901-01-10	Carbon Element

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

3M Order Code	Model #	Description
AT019184335	901-00-47	Air Panel with CEJN Series 342 Couplings - 3 person
AT019165854	901-00-50	Coalescing Element
AT019165847	901-00-49	Carbon Element

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

Airline Breathable Air Hoses - CEJN Series 342 Fittings

Compatible with V-100, V-200, V-300, V-500E, SA-1007 Dual airline air regulating valve assembly and 901-00-47 & 901-01-07 air filter panels.



Compatible with



3M Order Code	Model #	Description
AT019165714	901-00-56	Breathing Hose 7.5m - CEJN Series 342
AT019165706	901-00-55	Breathing Hose 10m - CEJN Series 342
AT019165698	901-00-54	Breathing Hose 15m - CEJN Series 342
AT019185233	901-00-63	Breathing Hose 30m - CEJN Series 342

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

Make your own Continuous Flow Supplied Air Kit/Combination

Combine a 3M Versaflo S-Series, M-Series hood/headtop or Tight Fitting facepiece with a Regulator/Regulating Valve or Dual Airline Stethoscope Airline Systems and air filtering panel to make your own kit/combination.

Step 1: Select Headtop, Hood or Facepiece

3M™ Versaflo™ Headtops M-Series

Faceshields

Helmets

Helmets with Shrouds



3M™ 6000 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator

Half Face

Full Face



3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension

Reusable Suspension



Step 2 : Regulator/Regulating Valve and Breathing Tube

For use with loose fitting 3M™ Versaflo S-Series and M-Series Hoods and Headtops

V-100 Vortex Cooling Airline Belt System



3M Order Code	Model #	Description
AT019184244	902-02-18	Cooling Airline Kit with adjustable BT-30 Breathing Tube

V-200 Vortex Heating Airline Belt System



3M Order Code	Model #	Description
AT010589466	902-02-85	Heating Airline Kit with BT-30 Breathing Tube

V-300 Standard Airline Kit



3M Order Code	Model #	Description
AT019184236	902-02-17	Standard Airline Kit with BT-30 Breathing Tube

V-500E Regulator & BT-30



3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator (Excludes breathing tube & 901-00-73 CEJN 342 fitting).
XA007706584	BT-30	Self-adjustable Breathing Tube
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"

For use with tight fitting 3M™ 6000 Series Full Face and 3M™ 7500 Series Half Face



3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline Kit complete with SA-2500 dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 dual airline air regulating valve assembly.
AT019202897	902-03-15	SA-2100 Combination Dual Airline Kit complete with SA-2600 back mounted dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 dual airline air regulating valve assembly. Capability of fitting negative pressure 3M bayonet filters as well as positive pressure continuous airflow airline protection

Step 3 : Select Air Filtering Panel & Air Hose/s

Airline 1 Outlet Panel (425L/min)



3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel with CEJN 342 Coupling - 1 Fitting, 1 person

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required.

Airline 3 Outlet Panel (1020L/min)



3M Order Code	Model #	Description
AT019184335	901-00-47	Air Panel with CEJN 342 Couplings - 3 person

Airline Breathable Air Hoses - CEJN Series 342 Fittings



3M Order Code	Model #	Description
AT019165714	901-00-56	Breathing Hose 7.5m - CEJN 342
AT019165706	901-00-55	Breathing Hose 10m - CEJN 342
AT019165698	901-00-54	Breathing Hose 15m - CEJN 342
AT019185233	901-00-63	Breathing Hose 30m - CEJN 342

Note: Check your workplace requirements as 2 air hoses may be required e.g. 1 between person/regulator and Air panel, 1 between air panel and compressor

Step 4 : Select Storage (if required)



S1303-0166



901-00-87

3M Order Code	Model #	Description
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

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



Pressure Demand Supplied Air & Escape

Ideal for environments where ambient oxygen cannot be guaranteed, pressure demand supplied air respirators combines the highest degree of respiratory protection with long duration use.

Pressure Demand Supplied Air Respirators.

There are commonly three types of pressure demand air supplied air respirators which are each suited to different tasks;

- Airline breathing apparatus
- Escape breathing apparatus
- Self Contained Breathing Apparatus (SCBA)

Airline breathing apparatus are available as either continuous air flow or positive pressure demand airline system.

Positive pressure demand valve airline apparatus includes a full face piece and pneumatics with positive pressure demand valve and a short hose on a bandolier style harness (optional hip mounted escape cylinder is available). The pneumatics connects to the breathing air hose, which is connected to either an airline trolley with cylinders or other air supply. Positive pressure demand airline systems are particularly suited to confined space entry and are popular in the oil and

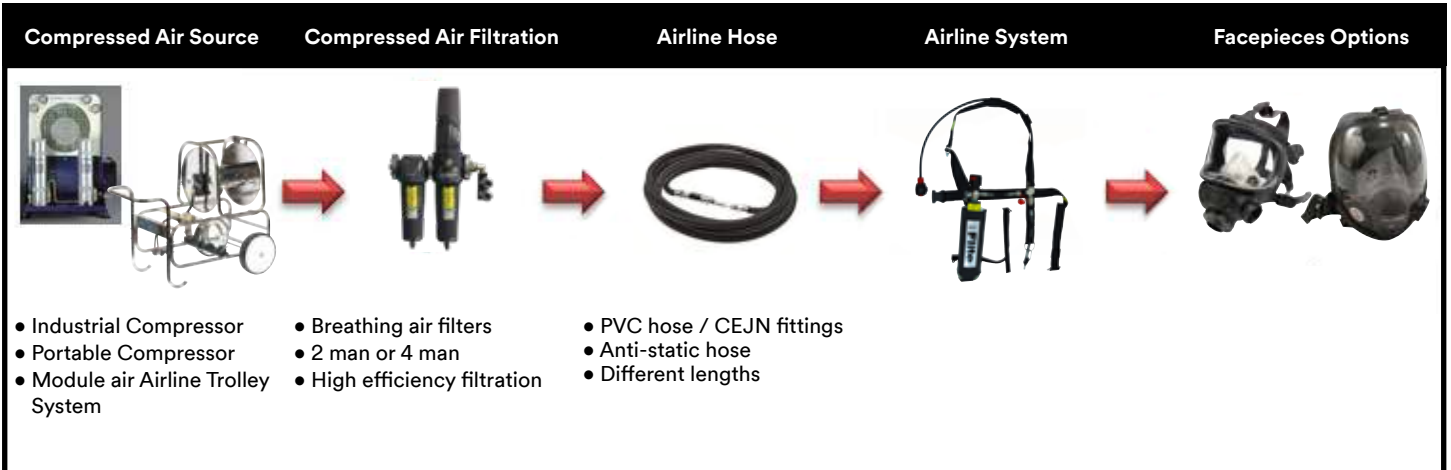
gas industry for maintenance when entering into tanks and pipework.

Air cylinder trolley's are available with up to 4 cylinders supplying air for up to 4 employees. This system can offer infinite working duration as one cylinder can be changed whilst taking air from another cylinder.

Escape Breathing Apparatus also known as Emergency Life Support Apparatus are designed only for escape from hazardous conditions as they normally only include very short-duration compact air cylinders.

3M™ offer the ELSA (Emergency Life Support Apparatus) with 15 minute duration cylinders. These products should **NOT** be used for normal working activities, entry to hazardous areas or rescue work.

Pressure Demand Airline Setup example



This range is designed to operate from an industrial compressed air system but other air sources like an airline trolley or cylinders are also suitable. Air is delivered to a facepiece via a breathing hose. Air flow is controlled by a belt mounted regulator or from the filtering unit depending on the facepiece. A compressed air supply hose connects the wearer to a source of compressed air.

Pressure Demand Supplied Air & Escape

3M™ Scott Breathing Air Filters

- Designed to be installed directly at the point of use, breathing air filters combine two types of filtration into one housing
- Liquid aerosols and solid particulates are removed using a pleated filter
- Oil vapours are removed by an activated carbon filter
- Each breathing filter ensures low pressure loss
- Filter regulator available to suit 2 man or 4 man capacity
- CEJN Series 346 fittings

Recommended filter replacement every 12 months for Upper and lower filter or when oil odour is detected for lower filter.



3M Order Code	Model #	Description
XP100141231	2026771	AFU-2-MAN Two man airline filter unit
XP100141249	2026772	AFU-4-MAN Four man airline filter unit

3M™ Scott Flite COV Airline Breathing Apparatus

- Easy to don bandolier harness with padded shoulder strap
- Optional 10 or 15 minute air supply for emergency escape from hazard situations, must be worn in IDLH
- Can be used with Scott range of positive pressure facepieces (sold separately)
- If primary air supply source is interrupted a switchover to emergency cylinder air supply is immediately activated by the automatic change over valve to facilitate safe egress
- Warning whistle informs user switch has been made to cylinder air
- CEJN Series 346 fittings



3M Order Code	Model #	Description
XP100148376	2031077	Flite COV Airline Breathing Apparatus DV CEN
XP100544202	013190	Promask PP Left Quick Fit Full Facepiece
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Facepiece
XP100148707	2031535	200 bar 10 min steel cyl c/w pouch and reducer/hose Full
XP100148723	2031537	200 bar 15 min steel cyl c/w pouch and reducer/hose Full
XP100148749	2031539	300 bar 10 min carbon cyl c/w pouch hose Full
XP100148822	2031603	Spare cylinder pouch CYL-FLITE-10
XP100148830	2031604	Spare cylinder pouch CYL-FLITE-15
XP100148848	2031605	Spare cylinder pouch CYL-FLITE-SL
XP100058286	010.125.00	Flite storage/carrying case

3M™ Scott Airline Hoses

- Made from durable PVC
- Anti-static hoses available on request
- CEJN Series 346 fittings
- Compatible with 3M Scott Breathing air filters, 3M Scott Flite COV breathing apparatus and 3M Scott Modulair airline trolley.



3M Order Code	Model #	Description
XP100069127	1051463	10 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069143	1051467	20 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069168	1051471	30 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069200	1051477	50 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100100336	2003397	Y Piece With CEJN Series 346 fittings
XP100060530	1023353	Inline Whistle With CEN Couplings
XP100069341	1051528	High Pressure Reducer DIN 300 Bar
XP100069234	1051482	10m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069259	1051486	20m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069267	1051488	30m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069283	1051493	50m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings

3M™ Scott Modulair Airline Trolley

- Compact, easy to use airline trolley system
- Capacity to hold 2 cylinders for 2 man operation or to hold 4 cylinders for 4 man operation
- Suitable for ships, councils, sewage treatment, refineries, mining, confined space entry and extended duration use



3M Order Code	Model #	Description
XP100069671	1051844	Modulair Trolley With Hose Reel 2P 2Cyl
XP100069812	1051880	Modulair Trolley With Hose Reel 4P 4Cyl
XP100069861	1051945	Modulair 2 Person 2 Cylinder
XP100069846	1051902	Modulair Hose Reel Only
AT010700113	118245T	Cylinder 6.8L 300 Bar Carbon c/w T valve
AT010700121	1127413T	Cylinder 9L 300 Bar Carbon c/w T valve
XP100069143	1051467	20 Mtr Black PVC Hose With CEN Couplings

3M™ Scott ELSA® Escape Breathing Set

The 3M™ Scott ELSA continuous flow breathing apparatus is an escape breathing apparatus which provides a constant supply of air for rapid escape from hazardous industrial and marine environments. The ELSA is simple and quick to operate, reliable and robust in use, ensuring maximum protection in an escape situation. The ELSA supplies 15 minutes of air. The ELSA apparatus consists of a cylinder with combined cylinder valve and reducer, supply hose to constant flow hood and storage bag. The ELSA is activated upon opening the bag whereby a pin which is attached to the bag via a strap is released.

Features and Benefits:

- ELSA Escape Breathing Set with 15 minute air cylinder
- Adjustable shoulder strap for carrying convenience
- Automatic activation upon opening the carry bag - delivers constant flow of air
- Integrated warning whistle on low air condition
- Easily rechargeable and reusable
- Cubic hood design allows wearing by users with beards or eye glasses



3M Order Code	Model #	Description
AT010699992	2009419	ELSA 15 Minute Escape Set With Cylinder