

**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**

# 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 face mask. Like full and half face masks, PAPRs are also available in ready-packs to simplify the respiratory selection process.

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

- Full face masks 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 face mask
- 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 & masks).
- 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.

The life of a gas cartridge is dependent upon the temperature, humidity, concentration and type of contaminant, the class of filter and the rate of breathing of the wearer. 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 breathe through
- Breakthrough gas occurs; indicated by smell or taste or 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 P1, P2 or P3:

- P1 filters handle mechanically generated particles
- P2 filters handle mechanical & thermally generated particles
- 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.

# 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



# Which air system should I choose?

### A powered air system?

- 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 - reduced breathing resistance
- Can offer integrated head, eye and face protection

### A supplied air system?

- Air is supplied from a compressor (compressed air must be of breathable quality)
- Can 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 - reduced breathing resistance
- Can offer integrated head, eye and face protection



### Powered Air Respirators



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



3M™ Versaflo™  
Powered Air  
Turbo TR-600



3M™ Versaflo™  
Powered Air  
Turbo TR-800



### Supplied Air Systems



3M™ Vortex  
Supplied  
Air Unit V-100



3M™ Vortex  
Supplied  
Air Unit V-200



3M™ Supplied  
Air Unit V-300



3M™ V-500  
Regulators  
V-Series



Supplied  
Air System  
Stethoscope

## 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.

## Individual Systems



The individual respirator systems can be used in a variety of workplace applications. They include powered air respirators with integrated head, eye, face and respiratory protection and supplied air regulators with half and full face masks.

## 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.

### Supplied air systems

#### Stage 1

Select your Air Panel



#### Stage 2

Select your Compressed Air Supply Tube



#### 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

S-133 S/L      S-433 S/L      S-655  
S-333G S/L      S-533 S/L      S-657  
S-757      S-855E

**3M™ Versaflo™ Headtops M-Series**

Faceshields      Helmets      Helmets with Shrouds

M-206      M-306      M-406  
M-207      M-307      M-407

**Breathing Tubes and Accessories**

BT-20 S/L: Lightweight (in two lengths)  
BT-30: Self-adjusting  
BT-40: Heavy-duty rubber  
BT-922: Polyethylene Clear Cover\*  
BT-926: Flame-resistant Cover  
BT-927: Radiant Heat Cover

BT-20 S/L      BT-30      BT-40      BT-922      BT-926      BT-927

\*Breathing tube not included

**Powered air turbos**

Particulate only (nuisance level organic vapour and acid gas options available)      Particulate + Gas & Vapour      Intrinsically Safe Particulate + Gas & Vapour

3M™ Versaflo™ Powered Air Turbo TR-300+      3M™ Versaflo™ Powered Air Turbo TR-600      3M™ Versaflo™ Powered Air Turbo TR-800 Intrinsically safe

**TR-300 Filter**

- Spark Arrestor
- Prefilter
- P3 Filter
- P3/Nuisance Level Organic Filter
- 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

**TR-600 & TR-800 Filter**

- Spark Arrestor
- Prefilter
- P3 Filter
- P3/Nuisance Level Organic Vapour/Acid Gas
- A1P3 Filter
- 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™ 6000 Series Full Face Respirator and 3M™ 7500 Series Reusable Respirator

Full Face



6000

Half Face



7500

## Individual respirator systems.



**Belt-mounted powered air respirator system for asbestos environments**

PF-600E-ASB (Proflow SC160)  
Asbestos ReadyPak



**Face-mounted powered air respirator**

3M™ Powerflow™  
Powered Air System



BT-63



BT-64



BT-953



TR-973

### BT63/64 Breathing tube accessories

BT-953 Versaflo™  
Cleaning & Storage Kit  
TR-973 Versaflo™ Air  
Flow Indicator

Air Cooling



3M™ Vortex  
Supplied  
Air Unit V-100

Air Heating



3M™ Vortex  
Supplied  
Air Unit V-200



3M™ Supplied  
Air Unit V-300

Flow Controlled



3M™ Supplied  
Air Regulator V-500



Stethoscope Airline system

### Supplied air regulators

### Airline Components

Air Supply Hose



Air Panels



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

- 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
- Low flow and low battery alarms - Visual, Audible and Vibratory
- 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
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces
- Multi-speed blower functions at altitudes up to 4,880 metres. Battery offers long run time and charges quickly, achieving 90% charge in approximately 3.5 hours.
- Multiple airflow rates put you in control of your comfort.
- 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.
- Intuitive, coloured touchpoints plus visual and audible lowflow indicators help make the TR-800 easy to use.

**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

**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

3M Order Code	Model #	Description
70071732666	TR-819A	TR-819A IS PAPR Starter Kit including battery and charger 1/CS
70071697117	TR-830	Battery, Intrinsically safe 1/CS*
70071697133	TR-851	Filter latch assembly
70071697125	TR-838	Battery attachment tool
70071730900	TR-802E	PAPR Motor/Blower 1/CS
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

**Mining Atmospheres IEC 60079-11 Ex ia I Ma**

ia - intrinsic safety- safe with rare malfunction

I - Mining group

Ma - Equipment protection level mining

### Motor/Blower Safety

**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)

\*purchase filter and filter cover separately. For spare parts and accessories refer to the Part & Accessories Guide.



## 3M™ Versaflo™ Powered Air Purifying Respirators TR-600

- 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
- 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
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces

AT010620147



3M Order Code	Model #	Description
AT010620170	TR-619A-P3	Versaflo™ Powered Air Turbo Starter Kit TR-619A includes battery and charger, includes P3 filter and filter cover and tote bin
70071697000	TR-619A	Versaflo™ Powered Air Turbo Starter Kit TR-619A includes battery charger, excludes filter and filter cover
70071667862	TR-602E	Powered Air Turbo unit
52000053547	TR-630	Standard Battery TR-630
52000053554	TR-632	Versaflo™ High Capacity Battery
52000053570	TR-641E	Single Station Charger to Suit Versaflo™ TR-632 battery
52000053588	TR-644E	4 Station Charger to Suit the Versaflo™ TR-632 Battery
70071651692	TR-655	Backpack adapter plate 1/C
78815045279	TR-627	Easy Clean belt
70071622081	TR-651	Filter Latch TR-651
70071618428	TR-653	Cleaning & Storage Kit to suit Versaflo™ TR Systems
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600
70071668076	TR-971	Airflow Indicator for TR-600 Versaflo™ Unit
70071730884	TR-973	Air Flow Tube TR-600 when used with tight fitting facepieces
78815045279	TR-627	Easy Clean Belt with Adaptor plate
52000053521	TR-626	High Durability Belt to Suit TR-602 Versaflo™ AFU
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

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

### TR-600 & TR-800 Filters

3M Order Code	Model #	Description
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996223	TR-6580ANZ	A1B1E1HgP3 Filter For Organic Vapours, Acid Gases, Inorganic vapours and Mercury vapour including a P3 Filter
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ P3 Filter
UU008996215	TR-6310ANZ	A1P3 Filter For Organic Vapours includes a P3 filter
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ Nuisance Odour* P3 Filter
UU008996207	TR-6820ANZ	Nuisance Odour* Plus P3 Filter
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR-6710ANZ
UU008996199	TR-6710ANZ	High Efficiency Filter Versaflo™
70071618246	TR-6600	Versaflo™ Pre-Filter

### Kits

3M Order Code	Model #	Description
AT010620147	TR6M-307	3M™ Versaflo™ TR6M-307 kit includes TR-619A with M-307 Headtop P3 filter and padded bag
AT010620154	TR6M-407	3M™ Versaflo™ TR6M-407 kit includes TR-619A with M-407 Headtop P3 filter and padded bag

## PAPR Breathing Hoses



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

## BT-63 & BT-64 Breathing Tube

For use with the 7500 half face and 6000 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 1 EA/Case
70071730934	BT-63	Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63 1/Case
70071730892	BT-953	Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes 1/case
70071730884	TR-973	Versaflo™ Air Flow Indicator TR-973, for TR-600/TR-800 PAPR with BT-63/64 Breathing Tube 1/case

# Powered Air Purifying Respirators

## 3M™ Versaflo™ Powered Air Purifying Respirators TR-300+

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: P3 Particle, P3 Particle plus nuisance level organic vapours\* & P3 Particulate only nuisance acid gas \* and offers protection against hydrogen fluoride up to 10 x Occupational Exposure Limit
- 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 Occupational Exposure Limit
- Compliant with AS/NZS 1716:2012



### TR-315A+ Filters & accessories

3M Order Code	Model #	Description
AT010592650	TR-3600	Versaflo™ Prefilter
70071765054	TR-3712E	Versaflo™ Filter Particulate, P3
78815069386	TR-3802E	Filter P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	Filter P3 & HF Plus Nuisance Acid Gases
UU008566075	TR-302E	Air Filter Unit
XA007706568	TR-332	Battery Pack
AT010590274	TR-341A	Single Station Battery Charger
AT010590282	TR-344A	Quad Station Battery Charger
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

3M Order Code	Model #	Description
AT010590241	TR-315A+	Versaflo™ Integrated Powered Air Respirator system includes air filter unit, P3 Filter, standard belt, pre-filter, BT-30 breathing tube, battery pack, battery charger, tote bin and user instructions

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

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

Versaflo™ Integrated Powered Air Respirator system includes Headtop, air filter unit, 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™ S-Series headtops are designed to be used with an approved 3M air delivery unit to form a respiratory protective device. The headtops are available in Spun bond polypropylene and Polyurethane coated knitted nylon.



CAPM-306 with cap lamp mount bracket\*



Kits TRM-306C and CAPM-306 come with padded bag, all others come with tote bin.



3M Order Code	Model #	Description
AT010590514	TRM-206C	TR-300+ PAPR Kit c/w M-206C Faceshield Comfort F/Seal c/w Charger P3 filter and tote bin
AT010590522	TRM-207C	TR-300+ PAPR Kit c/w M-207C Faceshield Flame Resistant F/Seal with Charger P3 filter and tote bin
AT010590530	TRM-306C	TR-300+ PAPR Kit c/w M-306C Helmet Comfort F/ Seal c/w Charger P3 filter and padded bag
AT010590548	TRM-307C	TR-300+ PAPR Kit c/w M-307C Helmet Flame Res. F/seal c/w Charger P3 filter and tote bin
AT010590555	TRM-406C	TR-300+ PAPR Kit c/w M-406C Hi-Dura Shroud c/w Charger P3 filter and tote bin
AT010590563	TRM-407C	TR-300+ TR-300+ PAPR Kit c/w M-407C Helmet Flame Res. Shroud) c/w Charger P3 filter and tote bin
AT010591447	TRS-133C	TR-300+ PAPR Kit c/w S-133 Head cover c/w Charger P3 filter and tote bin
AT010591454	TRS-333C	TR-300+ PAPR Kit c/w S-333 Head cover c/w Charger P3 filter and tote bin
AT010591462	TRS-433C	TR-300+ PAPR Kit c/w S-433 Integrated Head Harness Hood c/ w Charger P3 filter and tote bin
AT010591470	TRS-533C	TR-300+ PAPR Kit c/w S-533 Integrated Head Harness Hood c/ w Charger P3 filter and tote bin
AT010591488	TRS-655C	TR-300+ PAPR Kit c/w S-655 Reusable Head Harness Hood c/ w Charger P3 filter and tote bin
AT010591496	TRS-657C	TR-300+ PAPR Kit c/w S-657 Reusable Head Harness Hood c/ w Charger P3 filter and tote bin
AT019433567	CAPM-306	TR-300+ PAPR Kit c/w M-306 with cap lamp mount c/w charger P3 filter and padded bag*

\* Does not include lamp

# 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
- M-200 offers a full headtop protection, eliminating the need of head inserts being needed.
- Compatible with TR-300+, TR-600, TR-800 and supplied air regulators V-100, V-200, V-300, V-500
- M-200 has replaced M-100 Series Headtop



M-207

3M Order Code	Model #	Description
UU009054808	M-206	Faceshield with Comfort Faceseal
UU009055615	M-207	Faceshield with Flame Resistant PolyFaceseal
AT010592841	H31P3AF	Earmuff s for M-Series Head Tops, M200 = Class 3, M-300 = Class 4

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
AT010590514	TRM-206C	TR-300+ PAPR Kit c/w M-206C Faceshield F/Seal c/w Charger with tote bin
AT010590522	TRM-207C	TR-300+ PAPR Kit c/w M-207C Faceshield Flame Resistant F/Seal c/w Charger with tote bin

# 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 and supplied air regulators V-100, V-200, V-300, V-500



\*earmuff not included

M-306

CAPM-306 with cap lamp mount bracket\*

M-973

3M Order Code	Model #	Description
XA007707467	M-306	Versaflo Helmet with coated visor and comfort faceseal
AT010782079	M-306CAP	M-306 Headtop only with Cap Lamp Mount Bracket*
XA007707475	M-307	Versaflo Helmet with coated visor and flame resistant faceseal
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 = Class 3, M-300 = Class 4

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
AT010590530	TRM-306C	TR-300+ PAPR Kit c/w with M-306C Helmet Comfort F/seal c/w Charger P3 filter and padded bag
AT010590548	TRM-307C	TR-300+ PAPR Kit c/w with M-307 Helmet Flame Res.F/seal) c/w Charger P3 filter and tote bin
AT010620147	TR6M-307	TR-600 PAPR Kit c/w M-307C Helmet Flame Res.F/Seal c/w Charger P3 filter and padded bag

\* Does not include lamp

# 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 and supplied air regulators V-100, V-200, V-300, V-500



M-406



M-975

3M Order Code	Model #	Description
XA007707483	M-406	Versaflo Helmet with high durability neck and shoulder shroud
XA007707491	M-407	Versaflo Helmet with flame resistant neck and shoulder shroud
UU006077679	M-975	Radiant Heat Cover for M-400
UU006081861	M-961	Over Visor Frame
UU006081887	M-967	Gold Over Visor UV/IR (Shade 5)

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

## Ready to use PAPR Kits with M-400 Headtop

3M Order Code	Model #	Description
AT010590555	TRM-406C	TR-300+ PAPR Kit c/w M-406C Hi-Dura Shroud c/w Charger P3 filter and tote bin
AT010590563	TRM-407C	TR-300+ PAPR Kit c/w M-407C Helmet Flame Res. Shroud) c/w Charger P3 filter and tote bin
AT010620154	TR6M-407	TR-600 PAPR Kit c/w M-407C Helmet Flame Res.Shroud c/w Charger P3 filter and padded bag

# Powered Air Purifying Respirators

## Versaflo™ S-Series Hoods & Headcovers

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



S-333SG



S-133S



S-757



S-433L



S-533S



S-855



S-657



S-655



S-533L

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
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

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

### Ready to use PAPR Kits with S-Series Headtop

3M Order Code	Model #	Description
AT010591447	TRS-133C	TR-300+ PAPR Kit c/w S-133 Headcover c/w Charger P3 Filter and tote bin
AT010591454	TRS-333C	TR-300+ PAPR Kit c/w S-333 Headcover c/w Charger P3 Filter and tote bin
AT010591462	TRS-433C	TR-300+ PAPR Kit c/w S-433 Integrated HeadHarness Hood c/w Charger P3 Filter and tote bin
AT010591470	TRS-533C	TR-300+ PAPR Kit c/w S-533 Integrated Head Harness Hood c/w Charger P3 Filter and tote bin
AT010591488	TRS-655C	TR-300+ PAPR Kit c/w S-655 Reusable HeadHarness Hood c/w Charger P3 Filter and tote bin
AT010591496	TRS-657C	TR-300+ PAPR Kit c/w S-657 Reusable Head Harness Hood c/w Charger P3 Filter and tote bin

# Powered Air Purifying Respirators

## Jupiter™ Turbo System (Discontinued, offered while stock available)

Jupiter Air Turbo Unit includes turbo case, motor, blower, decontamination belt, battery and instructions. Battery Charger and Breathing Tube is not included.



3M Order Code	Model #	Description
AT010592726	902-01-79	Jupiter AFU with Battery
XA007706071	085-01-00P	Blower Module
XA007706253	085-06-10P	Control Module - Jupiter
52000043803	007-00-64P	NIMH Battery Pack
AT010596396	003-00-58PAUS	Battery Charger, CHG-02
AT019167745	022-25-10P4	Braces for Jupiter Belt System
52000044306	003-00-59P	Jupiter 10 Station Charger
XA007708028	021-14-12P	Jupiter™ Airflow Indicator

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

## Jupiter™ Intrinsically Safe Air Filter Unit (Discontinued, offered while stock available)

Jupiter IS Air Turbo Unit includes turbo case, motor, decontamination belt, pouch, battery and instructions. Battery Charger and Breathing Tube is not included.



3M Order Code	Model #	Description
AT019202582	902-03-00	Jupiter™ IS Turbo Battery and Pouch
XA007706071	085-01-00P	Blower Module
XA007706253	085-06-10P	Control Module -
52000044579	085-12-00P	4 Hour IS Battery and IS Pouch Jupiter
AT010596396	003-00-58PAUS	Battery Charger, CHG-02
AT019167745	022-25-10P4	Braces for Jupiter Belt System
52000044306	003-00-59P	Jupiter 10 Station Charger
XA007708028	021-14-12P	Jupiter™ Airflow Indicator

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

## 3M Jupiter™ Powered Air Respirator Systems (Discontinued, offered while stock available)

Jupiter™ Integrated Powered Air Respirator system includes Headtop, Turbo unit, standard belt, breathing tube, battery pack, battery charger, select headtop, and tote bin/storage tub. Filters to be purchased separately.



AT010587767

3M Order Code	Model #	Description
AT010589623	902-03-93	Jupiter™ PAPR Faceshield with Flame Resistant F/Seal with Charger, JTM207C
AT010587767	902-03-82	Jupiter™ PAPR Kit c/w M-306C Helmet Comfort F/ Seal c/w Charger JTM306C
AT010613993	902-03-85	Jupiter™ PAPR Kit c/w M-307C Helmet Flame Res. F/seal c/w Charger JTM306C-SB
AT010583410	902-03-35	Jupiter™ PAPR Kit c/w S-655C Hood with charger
AT010583428	902-03-36	Jupiter™ PAPR Kit c/w S-533C Hood with charger
AT010583923	902-03-37	Jupiter™ PAPR Kit c/w S-133C Hood with charger JTS133LC
AT010587049	902-03-43	Jupiter™ PAPR Kit c/w S-433C Hood with charger

## Jupiter™ Filters (Jupiter PAPR discontinued, offered while stock available, filters available till December 2022)



3M Order Code	Model #	Description
CR180806000	450-00-25	Particulate Filter - P3 PAPR
CR180806018	453-00-25P	Organic Vapor & Particulate Filter - A1P3
CR180806042	453-09-25	Multigas & Particulate - A1B1E1K1P3 PAPR
CR180804708	461-00-02P24	Pre Filter Discs - 24 per pack

## Powered Air Purifying Respirators

# Powerflow™ Powered Air Purifying Respirator

Powerflow includes 6000 DIN series full face mask, polycarbonate visor, waterproof motor, PAPR-P3 particulate filter, battery and user instructions.



3M Order Code	Model #	Description
AT019184095	902-02-12	Powerflow™ 6800 Plus Full Face Respirator Kit

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

### Filters

3M Order Code	Model #	Description
XP100544418	052670	DT Series (Pro2000)v PF 10 P3

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

- PF-600E-ASB (Proflow SC160) comes with blower unit, battery, recharger, hose with DIN thread and PVC belt
- 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



3M Order Code	Model #	Description
XP100544624	064580	PF-600E-ASB (Proflow SC160) Green Power Pack (Filters not included)

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

### Proflow SC160 Ratings

Face Masks		
FF-300 (Promask/FM3) Full Face Mask	PAPR P3	PAPR B1E1K1P3
FF-600 (Vision RFF4000/FM4) Full Face Mask	PAPR P3	PAPR B1E1K1P3



### 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
- Choice of PU fixed length or EPDM hose (purchased separately)
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB (Proflow 160)
- Polycarbonate visor



3M Order Code	Model #	Description
XP100544079	012681/FF-302	3M FF-302 (Promask Single/FM3) PAPR full face mask (M/L), no hose (PAPR P3)
XP100547205	012670/FF-301	3M FF-301 (Promask Single/FM3) PAPR full face mask (S), no hose (PAPR P3)

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

### 3M™ FF-600 (Vision RFF4000/FM4) Full Facepiece

- Non dermatitic silicone construction minimises risk of skin irritation
- Reverted edge face seal ensuring good fit and increased safety
- High efficiency speech diaphragm allows wearer to communicate clearly
- Available in two sizes
- Choice of PU fixed length or EPDM hose (purchased separately)
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB (Proflow SC160)
- Polycarbonate visor



3M Order Code	Model #	Description
XP100544962	FF-603 (RFF4000)	3M FF-603 (RFF4000/FM4) Silicon PAPR Side mounted full face mask (Medium/Large), no hose (PAPR P3)
XP100550118	FF-601 (RFF4000S)	3M FF-601 (RFF4000S/FM4) Silicon PAPR Side mounted full face mask (Small), no hose (PAPR P3)

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

# Facepiece selection guide.

Industry	FF-300 (Promask/FM3)	FF-600 (Vision RFF4000/FM4)
Laboratories	■	■
Textiles	■	■
GRP Manufacture	■	■
Food Processing	■	
Flour Mills and Silos	■	■
Agriculture	■	■
Wineries/Market Gardens	■	■
Pest Control	■	■
Animal Allergies	■	■
DIY		
Pharmaceutical	■	■
Foundries	■	
Lead Processing	■	■
Aluminium Works		■
Steel Industry	■	
Shipyards	■	
Welding		
Tunnelling/Quarrying	■	
Mining	■	
Demolition & Maintenance	■	
Building & Construction	■	
Purification & Sewage	■	■
Waste Disposal	■	■
Chemical Plants	■	■
Petrochemical	■	■
Nuclear	■	■
Electronic/PCB Manufacture	■	■
Paint Spraying	■	■

# Powered Air Purifying Respirators

## 3M™ DT Series (Pro2000) Filters for PF-600E-ASB (Proflow SC160) Powered Air Purifying (PAPR) Units

- This selection of DT Series (Pro2000) filters are suitable for use with the PF-600E-ASB (Proflow SC160) PAPR
- Dependant on the headtop selection the ratings on the filters below may change
- The particulate rating on the filters may vary between P1 and P3
- DT Series (Pro2000) filter canisters have a DIN 40mm thread connection
- DT Series P3 (Pro2000) filter canister also now compliant for use with Powerflow



042799/DT-4045E



052670/DT-1135E

Filter Type	Colour	Main area of application
P	White	Particles: dusts, mists, fumes, fibres, toxic particles & microorganisms (bacteria, fungi, viruses, enzymes)
A	Brown	Organic gases and vapours with boiling point >65°C. eg. acid gases, toluene, xylene, mek, benzene, alcohols
B	Grey	Gases. eg. chlorine, hydrogen, sulphide
E	Yellow	Sulphur dioxide
K	Green	Ammonia and organic ammonia derivatives
Hg-P	Red-White	Mercury (vapour) and mercury compounds

3M Order Code	Model #	Description
XP100544418	052670/DT-1135E	DT-Series (Pro2000) PF 10 P3
XP100544343	042799/DT-4045E	DT-Series (Pro2000) CF 32 B1E1K1P3



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

- Ready-Pak comes with PF-600E-ASB (Proflow SC160) blower unit, battery, charger, EPDM hose, PVC belt, PAPR Respirator, two DT Series (Pro2000) PF10 particulate filters and two storage solutions; stackable tub or carry case
- Ready-Paks available with FF-300 (Promask Single/FM3), FF-600 (Vision RFF4000/FM4) (side mounted filter connection)



XP100544731



XP100231594

3M Order Code	Model #	Description
XP100544731	5064594	FF-300 (Promask Single/FM3) PF-600E-ASB (Proflow SC160) Ready-Pak
XP100231594	5564593	FF-600 (Vision RFF4000) PF-600E-ASB (Proflow SC160)

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

### Proflow SC160 Hoses

3M Order Code	Model #	Description
XP100544541	063799	EPDM hose (angle & DIN) 80cm for use with FM3, FM4 (comes standard with PF-600E-ASB (SC160))
XP100231560	5564453/SC-BT-44	EPDM Rubber hose for use with FH1, FH2 and FH21
XP100140605	2026226/SC-BT-23	Fixed length PU for use with FH1, FH2 and FH21
XP100140639	2026231	Fixed length PU for use with FM3 and FM4



# Airline & Escape

Ideal for environments where ambient oxygen cannot be guaranteed, airline breathing apparatus combines the highest degree of respiratory protection with long duration use.

# Air Supplied Respirators.

There are commonly three types of air-supplied breathing apparatus 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 constant flow airline or positive pressure demand airline system.

Constant flow airline apparatus is typically a combination of an airline face mask with a short air hose and also a filter. The short air hose connects to a control valve on a waist belt. The filter is used when entering and exiting the contaminated job. When a worker enters the contaminated work site they would plug the control valve on their waist belt to an air hose, which is connected to either an airline trolley with cylinders or other air supply.

Positive pressure airline apparatus includes a positive pressure full face mask and pneumatics with demand valve and a short hose on a bandolier style harness (optional hip mounted

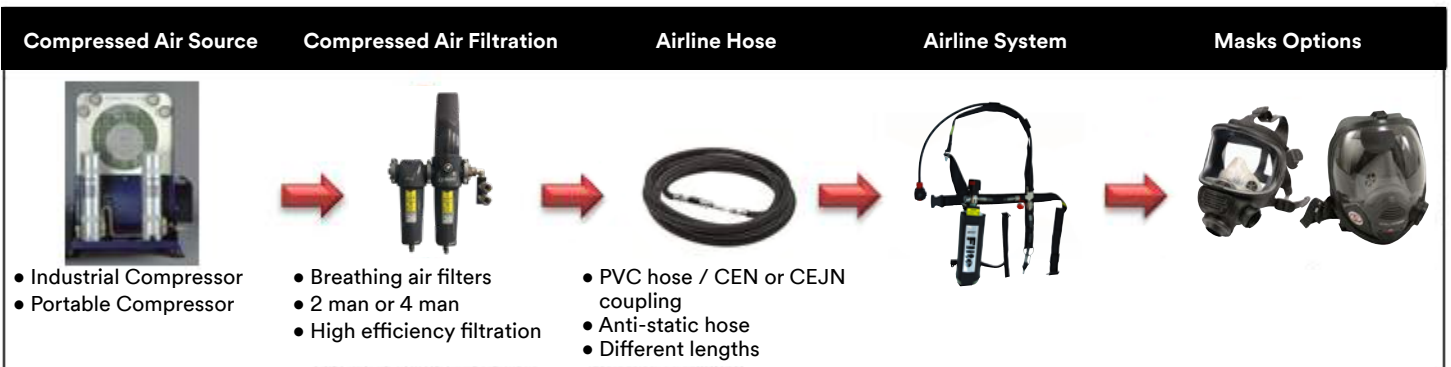
escape cylinder is available). The pneumatics connects to the breathing air hose, which is connected to either an airline trolley with cylinders or other air supply. Positive pressure airline systems are particularly suited to confined space entry and are popular in the oil and gas industry for maintenance 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.

Scott 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.

## Constant Flow Airline range



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. The flow rate is easily checked by using the flowmeter. A compressed air supply hose connects the wearer to a source of compressed air.

# 3M™ Versaflo™ Supplied Air Respirator V-500E & Kit

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, auxiliary port and user instructions. Suits the range of M Series and S Series Versaflo headtops.



902-03-84

3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator (Excludes breathing tube).
AT010587783	902-03-84	Versaflo™ Spray Painter Kit, ALVM-206E c/w V-500 supplied air regulator, BT30 breathing tube and M-206 headtop tote bin
AT010587809	902-03-86	Versaflo™ Kit ALVM-406E c/w V-500 supplied air regulator, BT30 breathing tube and M-406 headtop tote bin

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

## V-100 Vortex Cooling Airline Belt System

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 headtops.



AT019167983

3M Order Code	Model #	Description
AT019184244	902-02-18	Cooling Airline Kit with adjustable BT-30 Breathing Tube
AT019167983	902-01-77	Cooling Airline Regulator - Without Breathing Tube

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

## V-200 Vortex Heating Airline Belt System

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.



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

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

# Airline & Escape

## 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 Versaflow headtops.



902-02-17

3M Order Code	Model #	Description
AT019167991	902-01-78	Standard Airline Kit without Breathing Tube
AT019184236	902-02-17	Standard Airline Kit with BT-30 Breathing Tube

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

## Stethoscope Airline Systems Full and Half Facepiece Sets



6800



7502



SA-2500 & SA-1007

3M Order Code	Model #	Description
AT019167140	68SA2	Full Facepiece System - Medium Kit c/w 6000 series full face mask, SA-2500 stethoscope breathing tube, SA-1007 valve regulator & belt and 901-00-73 CEJN Male tail
AT019167157	69SA2	Full Facepiece System - Large Kit c/w 6000 series full face mask, SA-2500 stethoscope breathing tube, SA-1007 valve regulator & belt and 901-00-73 CEJN Male tail
70070613214	SA-2500	Stethoscope Breathing Tube
70070710119	SA-2600	Combination stethoscope breathing tube. Capability of fitting negative pressure filters as well as positive pressure airline protection
AT019166499	901-00-73	CEJN Male Tail with 1/4" NPTM
70070611606	SA-1007	Regulating Valve Belt & Clip
70070709046	6700	Full Face Piece Small
70070709053	6800	Full Face Piece Medium
70070709186	6900	Full Face Piece Large
XA007702633	6100	Half Face Piece Small
XA007702658	6200	Half Face Piece Medium
XA007702674	6300	Half Face Piece Large
XA007709323	7501	Half Face Piece Silicone Small
XA007709331	7502	Half Face Piece Silicone Medium
XA007709349	7503	Half Face Piece Silicone Large

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

## Stethoscope Breathing Tube Sets



901-00-71

3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline Kit complete with SA-2500 stethoscope breathing tube, CEJN Fitting and SA-1007 valve regulator
AT019202897	902-03-15	SA-2100 Combination Dual Airline Kit complete with SA-2600 stethoscope breathing tube, CEJN Fitting and SA-1007 valve regulator. Capability of fitting negative pressure filters as well as positive pressure airline protection

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

## 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 an odour is noticed coming from 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



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



3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel - 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

## Airline Breathable Air Hoses - CEJN Fittings



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

## 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

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
AT010655424	KA009AA	Replacement lower filter for BA21BOPT (purchased prior Jun07)
AT010655416	KA006AC	Replacement upper filter for BA21BOPT (purchased prior Jun07)
AT010655432	KA010AA	Replacement lower filter for BA21BOPT (purchased after Jun07)
AT010655440	KA010AC	Replacement upper filter for BA21BOPT (purchased after Jun07)

## 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 masks (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



3M Order Code	Model #	Description
XP100148376	2031077	Flite COV Airline Breathing Apparatus DV CEN
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
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
XP100116761	2010722	Flite fast fill adaptor
XP100067089	084.059.01	Breathing apparatus log book Ind
XP100067428	089.386.00	Testkit and toolkit
XP100101664	018.008.99	Charge adaptor handwheel liner 207 Bar
XP100058286	010.125.00	Flite storage/carrying case

## 3M™ Scott Airline Hoses

- Made from durable PVC
- Anti-static hoses available on request
- CEN double action couplings



3M Order Code	Model #	Description
XP100069127	1051463	10 Mtr Black PVC Hose With CEN Couplings
XP100069143	1051467	20 Mtr Black PVC Hose With CEN Couplings
XP100069168	1051471	30 Mtr Black PVC Hose With CEN Couplings
XP100069200	1051477	50 Mtr Black PVC Hose With CEN Couplings
XP100100336	2003397	Y Piece With CEN Couplings
XP100060530	1023353	Inline Whistle With CEN Couplings
XP100069333	1051526	High Pressure Reducer Whistle PIN
XP100069341	1051528	High Pressure Reducer DIN 300 Bar
AT010700477	RXMCT	Airline Fitting Female With Male Thread
XP100069234	1051482	10m Hose Airline Antistatic With Stripe
XP100069259	1051486	20m Hose Airline Antistatic With Stripe
XP100069267	1051488	30m Hose Airline Antistatic With Stripe
XP100069283	1051493	50m Hose Airline Antistatic With Stripe

## 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	1118245T	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 constant 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





# Self Contained Breathing Apparatus

Self Contained Breathing Apparatus (SCBA) can be configured in a number of different ways with various size & capacity cylinders, facepieces and back plates. Our SCBA's are ergonomically designed for comfort and mobility, combined with the highest standards of performance and safety.

# Self Contained Breathing Apparatus (SCBA).

An SCBA is similar to SCUBA sets, but are not designed for use in water. Like SCUBA, they consist of a carrying harness, pneumatic hoses, remaining air-time gauge, cylinder retaining back-plate and a facemask. There are versions available with various levels of harness adjustment and padding. Premium level SCBA's are also available with height adjustability to better suit people of different heights.

Part of the SCBA family are jacket-style SCBA sets that are quick and easy to don (put on), being designed as a quick snatch-rescue set, ideal for use in correctional services or the oil and gas industry.

### SCBA Variants:

There are also a range of SCBA variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option, fast fill or Duo variants. The SCBA variant selected is depending on the users need and job requirements.

Air-supplied respiratory systems require the use of a Positive Pressure full-face mask. Masks are available in different materials, shapes and sizes to best suit individual wearers and the task at hand.

SCBA sets are offered with different types/sizes of cylinders for containing and carrying clean compressed breathing air. Nowadays the most common cylinders used are lightweight carbon composite cylinders.

### Common SCBA cylinder sizes:

- 6.8 Litre capacity at 300 Bar cylinder pressure, offering approximately 45 minutes air duration
- 9 Litre capacity at 300 Bar cylinder pressure, offering approximately 60 minutes air duration



## 3M™ Scott ProPak-fx T2 SCBA

The 3M™ Scott ProPak-Fx is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, padded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak-Fx can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option or Duo variants. The ProPak-Fx is used in conjunction with either Promask PP or Vision 3 PP face mask and a choice of composite or steel cylinders.

Specifically designed as a professional fire fighting SCBA, the ProPak-Fx is also suitable for providing respiratory protection in any IDLH environment.

ProPak-Fx also offers a Pivot and height adjustable waist belt for increased wearer comfort to suit most people.

### Features and Benefits:

- Designed for use by the Fire Service
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Pivot and height adjustable waist belt for increased wearer comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED



3M Order Code	Model #	Description
XP100142312	2027195	SCBA Propak-Fx
XP100142338	2027197	SCBA Propak-Fx-SDC T2
AT010663683	2027196	SCBA ProPak-fx-AC-T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
AT010700105	118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

# Self Contained Breathing Apparatus

## 3M™ Scott Sigma 2 T2 SCBA

- Designed for marine, industrial, confined space entry, rescue or industrial firefighting
- Proven high performance pneumatic system
- Compact first breath activated demand valve with bypass
- Ergonomically designed lightweight backplate and type 2 harness
- Kevlar blend flame retardant webbing with Kevlar cylinder band
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED



3M Order Code	Model #	Description
XP100136348	2023034	SCBA Sigma 2 T2 Compliance set
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

## 3M™ Scott Propak Classic Type 2 SCBA

- Designed for use in various professional fire fighting and industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- 100% Kevlar padded webbing harness
- Harness Intrinsically flame retardant 50% Kevlar blend webbing and Nomex 3 fabric
- Optional airline and decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 2



3M Order Code	Model #	Description
XP100123395	2015294	Propak SCBA - backplate, harness & pneumatics
XP100125234	2016154	ProPak-Duo-AC-F
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
XP100215092	5013175	Promask PP LQF Small HC STD
XP100069903	1051962	MAN-300 Manifold ASSY 300 BAR

## 3M™ Scott ProPak Sigma T2 SCBA

- Designed specifically for use as a compliance set in Marine or Industrial fire fighting environments
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED



3M Order Code	Model #	Description
XP100141959	2027150	SCBA Promask Sigma T2
AT010695230	2027152	SCBA ProPak-Sigma-AC T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

## 3M™ Scott ProPak-i T2 SCBA

- Designed for use by the fire service or the oil & gas market and industrial, confined space industry.
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Kevlar blend wrap around harness
- Side arms for increased user comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED



3M Order Code	Model #	Description
XP100142049	2027166	SCBA Propak-I T2 Industrial
AT010663915	2027167	SCBA ProPak-I-AC-T2 with airline
XP100142114	2027174	SCBA ProPak-I with fast fill
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

## 3M™ Scott ProPak-f T2 SCBA

- Designed for use by the Fire Service or the Oil & Gas market
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED



3M Order Code	Model #	Description
XP100142189	2027182	SCBA Propak-F T2
XP100142205	2027184	SCBA Propak-F-SDC T2
XP100142254	2027189	SCBA ProPak-f with fast fill
AT010663402	2027183	SCBA ProPak-f-AC T2 with airline
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

# Self Contained Breathing Apparatus

## 3M™ Scott ProPak-f-Ez-Flo T2 SCBA

- Designed for use by the Fire Service or the Oil & Gas market
- Certified with AV3000HT PP Full Face mask or Scott Sight TIM (Thermal Imaging in Mask) with Ez-Flo Demand Valve
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2



\*see mask section for other sizes and comms masks)

3M Order Code	Model #	Description
XP100149531	2031958	PROPAK-F-EZ-Flo (V2)
XP100149549	2031960	ProPak-f-Ez-flo-AC with airline
XP100149556	2031961	PROPAK-F-EZ-Flo-SDC Split Demand Valve Coupling CEN
XP100293917	8005243	AV3000HT Medium Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar carbon fibre RAV (Right angle valve)
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV (Right angle valve)
AT010645821	2014810	SCBA Moulded Carry Case
XP100293107	8004794	Ez-Flo With SDC Hose

## 3M™ Scott ProPak-fx-Ez-Flo T2 SCBA

- Designed for use by the Fire Service
- Certified with AV3000HT PP Full Face mask or Scott Sight TIM (Thermal Imaging in Mask) with Ez-Flo Demand Valve
- Rigid backframe construction with adjustable backplate
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Pivot and height adjustable waist belt for increased wearer comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2



3M Order Code	Model #	Description
XP100149622	2031988	Propak-Fx-Ez-Flo
XP100149648	2031991	Propak-Fx-Ez-Flo-SDC W Split Demand Valve
XP100149630	2031990	ProPak-fx-Ez-flo-AC with airline
XP100293917	8005243	AV3000HT M Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case
XP100293107	8004794	Ez-Flo With SDC Hose

## 3M™ Scott Contour 100 SCBA

- Designed for use in various industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- First breath demand valve
- Kevlar blend non-padded web harness
- Optional airline and fast fill decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 1



3M Order Code	Model #	Description
XP100110095	2009236	CTR-100 DUO with Fast Fill
XP100069903	1051962	MAN-300 Manifold Assy 300 Bar
XP100111432	2009536	CTR-100 SINGLE + Fast Fill
XP100138989	2025187	CTR-100 + Fast Fill SCBA
XP100138997	2025188	CTR-130 + Fast Fill + RSM SCBA
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

## 3M™ Scott Contour 300 SCBA

- Designed for use in various industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- 100% Kevlar padded webbing harness
- Flame retardant webbing with Kevlar cylinder band
- Optional airline and decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 1



3M Order Code	Model #	Description
XP100128295	2017794	CTR-300-F-Y C/W Promask PP
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

## Self Contained Breathing Apparatus

# 3M™ Scott SCBA Compliance Kit

The 3M™ Scott Compliance Kit has everything you need in one kit. It comes complete with a Sigma 2 Type 2 SCBA set, a Promask LQF positive pressure Full Face mask and a 6.8L, 300 Bar carbon-wrapped cylinder in a large carry bag. Suitable for general industry and for short duration confined space entry work and rescue, petrochemical, oil and gas applications.

### Features and Benefits:

- Designed for marine, industrial, confined space entry, rescue or industrial firefighting
- Proven high performance pneumatic system
- Compact first breath activated demand valve with bypass
- Ergonomically designed lightweight backplate and type 2 harness
- Kevlar blend flame retardant webbing with Kevlar cylinder band

#### Kit includes:

- Sigma 2 Type 2 compliant SCBA harness and pneumatics
- Promask PP with left-quick-fit port to suit demand valve
- 6.8 litre, 300 bar carbon composite breathing air cylinder with T valve
- Heavy duty rip-stop nylon carry bag
- 300 Bar carbon-wrapped cylinder



3M Order Code	Model #	Description
AT010700485	SCBACOMP6T2	SCBA Marine Compliance Set

# Self Contained Breathing Apparatus

## 3M™ Scott Promask PP LQF Full Face Mask

- Accommodates a wide range of facial shapes and sizes
- Positive pressure mask made from Halo Butyl rubber Procomp™ non-irritating material with reflex seal and TPE (Thermo Plastic Elastomer) oronasal inner mask
- The face piece visor features a single plane curvature to minimise reflection and is made of a scratch and impact resistant polycarbonate material with a flame-retardant coating that provides excellent panoramic vision
- Available with optional prescription lens insert for spectacle wearers
- Left side demand valve connection for unobstructed field of vision
- Front mounted speech diaphragm offers unimpeded speech transmission
- Certified to AS/NZS 1716:2012



3M Order Code	Model #	Description
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100547379	013192	Promask PP REQF LQF
XP100149945	2032231	Promask PP LQF HC EPIC 3 M L Rubber Head Harness
XP100548815	2032232	Promask PP LQF HC EPIC 3 Sml Rubber Head Harness
XP100215068	5013166	Promask PP LQF RAS MI HC Std
XP100095122	2001703	Blank Plug REQF
XP100546108	012692	Rubber Head Harness (2)
XP100547270	012775	Webbing Head Harness Promask Suit M98

## 3M™ Scott AV3000HT PP Full Face Mask

- High performance anti-fog lens for improved thermal performance
- Proven SureSeal reflex face seal for excellent fit and comfort
- Designed to accept front fitting EZ-Flo demand valve
- Right or left EPIC 3 communications bracket for maximum versatility
- Speech diaphragm on both sides for improved voice transmission
- 5 Point Kevlar head harness with neck strap suitable for Fire & CBRN applications
- Thermal performance passes NFPA heat requirement of 15Kw/M2
- Available in 3 sizes
- Certified to AS/NZS 1716:2012, EN136 Class 3 with ProPak-f and ProPak-fx



3M Order Code	Model #	Description
XP100293909	8005242	AV3000HT S Face Mask
XP100293917	8005243	AV3000HT M Face Mask
XP100293925	8005244	AV3000HT L Face Mask
XP100293933	8005245	AV3000HT RECB Small Kevlar Face Mask
XP100293941	8005246	AV3000HT RECB Med Kevlar Face Mask
XP100293958	8005247	AV3000HT RECB Large Kevlar Face Mask
XP100293966	8005248	AV3000HT LECB Small Kevlar Face Mask
XP100293974	8005249	AV3000HT LECB Med Kevlar Face Mask
XP100293982	8005250	AV3000HT LECB Large Kevlar Face Mask

## 3M™ Scott Vision 3 PP Full Face Mask

- Left Quick Fit demand valve connection
- Rubber and net head harness options
- Non-dermatitic liquid silicone outer mask
- Hemispherical visor provides excellent field of vision
- TPE inner mask
- Hard coated anti-scratch visor
- Excellent speech transmission
- Voice amplifier and radio comms available
- Variety of sizes for improved fit
- Certified to AS/NZS 1716:2012



3M Order Code	Model #	Description
XP100071271	1071671	Vision 3 LQF Facemask Std Harness
XP100095239	2001746	Vision 3 LEQF RAS RDIN M L Full Face Mask
XP100106671	2008699	Vision 3 LQF REQF Facemask
XP100149911	2032227	Vision PP LQF HC EPIC 3 M L Rubber Head Harness
XP100149929	2032228	Vision PP LQF HC EPIC 3 Sml Rubber Head Harness
XP100065943	1033400	Vision 3 NET Head Harness
XP100095122	2001703	Blank Plug REQF

## 3M™ Scott Sight Pro Hands Free Thermal In-Mask Imaging System

- **Hot-spot tracker** - Immediately identify the hottest part of the scene and display its relative temperature. Ideal for overhaul, search and rescue, and risk assessment
- **Cold-spot tracker** - Immediately identify the coldest part of the scene and display its relative temperature. Ideal for hazmat environments
- **Tactical Video Recording (TVR)** - Automatically record all the information shown on the IMD for review later.
- Mask integrated lightweight thermal camera and display
- Hands free thermal vision system enables firefighter to work more efficiently and safely
- Enhanced situational awareness with improved hot zone accountability
- Powerful and lightweight at only 240 grams
- 160 x 120 pixel resolution at 9 frames per second display
- Adjustable display angle configurable to line-of-sight
- Minimum four-hour battery life – powered by 5 x regular AAA batteries
- Spot or ambient temperature settings (Fahrenheit or Celsius)
- User configurable screen options
- Electronics certified to ATEX/IECX and IP 66/67
- Mask certified to AS/NZS 1716:2012
- Optional Left-Side comms bracket for EPIC 3 voice amp



3M Order Code	Model #	Description
AT010788225	8007317	3M™ Scott™ Sight Pro AV3000HT Small
78008249704	8007318	3M™ Scott™ Sight Pro AV3000HT Medium
78008249571	8007319	3M™ Scott™ Sight Pro AV3000HT Large
XP100852233	8007320	3M™ Scott™ Sight Pro AV3000HT ECB Small
78008249597	8007321	3M™ Scott™ Sight Pro AV3000HT ECB Medium
78008249605	8007322	3M™ Scott™ Sight Pro AV3000HT ECB Large

# Self Contained Breathing Apparatus

## 3M™ EPIC Lapel Speaker Microphone

- Rugged Lapel Speaker Microphone (LSM) option for users without an OEM LSM
- Works well with EPIC 3 Voice Amplifier
- Provides clear communication
- Supports EPIC wired accessories
- Front microphone and speaker for Remote Speaker Mic operation
- Top mounted Emergency Notification button for use with select field radios
- Durable IP66/67 rated system for use in demanding high temperature environments
- 50 hours of battery life with Alkaline AAA batteries



## 3M™ Scott EPIC 3 Bluetooth® Lapel Speaker Microphone

- Supports wireless communications between EPIC 3 RI Voice Amplifier and remote speaker microphone operation with two-way field radios
- Provides seamless tactical and non-tactical communication capabilities
- Also offers connectivity with EPIC 3 - communication accessories



3M Order Code	Model #	Description
XP100119757	201224-02	EPIC 3 Lapel SM Motorola HT1000, XTS Series Radios
XP100546314	201224-04	EPIC 3 Lapel SM Motorola HT750/1250/1550 Series Radios
XP100119765	201224-06	EPIC 3 Lapel SM Motorola MOTOTRBO XPR, APX Series Radios
XP100119773	201224-07	EPIC 3 Lapel SM Kenwood TK280/290/380/390 Series Radios
XP100119781	201224-22	EPIC 3 Lapel SM Harris P5400/7300, Unity, XG Series Radios

3M Order Code	Model #	Description
XP100119989	201277-06	EPIC 3 Bluetooth Lapel Sm Motorola Mototrbo XPR, APX Series Radios
XP100120003	201277-11	EPIC 3 Bluetooth Lapel Sm Motorola
XP100119963	201277-02	EPIC 3 Bluetooth Lapel Sm Motorola HT1000, XTS Series Radios, GP300 Series Radios
XP100119971	201277-04	EPIC 3 Bluetooth Lapel Sm Motorola HT750/1250/1550 Series Radios
XP100119997	201277-07	EPIC 3 Bluetooth Lapel Sm Kenwood TK280/290/380/390 Series Radios
XP100120011	201277-22	EPIC 2 Bluetooth Lapel Sm Harris P5400/7300, Unity, XG Series Radios

## EPIC related questions:

1. Is only voice amp needed?
2. What Radio is used?
3. Is the Radio used Bluetooth capable?
4. If so is a Lapel/Push to Talk (PTT) needed?
5. How many of each is needed?
6. What type of mask is needed, Promask, Vision or AV3000HT (only used on ProPak-f/fx-Eze Flo)?

**\*Please note existing Promask/Vision and Vision AMS are not able to be upgraded to add Epic comms port, customers will need to purchase a new mask that has Epic comms bracket fitted.**





## 3M™ Scott EPIC 3 Voice Amplifier

- Compact, high performance voice amplifier
- Automatic Shutoff reduces costs of battery replacement
- Intrinsically safe for use with alkaline and NiMH AAA batteries
- IP66/IP67 rated design is robust enough to withstand the most extreme applications
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Compatible with Promask, Vision 3 and AV3000 positive pressure facemasks (with comms bracket)
- ATEX/IECEX certifications: Ex ia IIB T3 Ga IP66/67 Complies with IEC standards IEC 60079-0: 2007-10 Edition 5; and IEC 60079-11: 2011 Edition 6.0



3M Order Code	Model #	Description
XP100119872	201275-03	EPIC 3 Voice AMP to suit Vision Face Piece
XP100551637	201275-04	EPIC 3 Voice AMP to suit Promask Face Piece
XP100119849	201275-01	EPIC 3 Voice Amp Open Bracket AV3000HT

## 3M™ Scott EPIC 3 Radio Interface Voice Amplifier

- Compact, SCBA mask mounted voice amplifier and wireless radio communications device
- Enhances SCBA facepiece voice communication intelligibility and loudness
- Advances safety through easy-to-use wireless communication interoperability with mobile field radios (requires use of Scott EPIC Lapel Speaker Mic to suit field radio)
- Improves user communications from the incident scene to remote locations via field radio
- IP66 and IP67 rated design is robust enough to withstand the most extreme applications
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Advanced electronic noise suppression technology improves communication clarity and personnel safety
- Compatible with Promask, Vision 3 & AV3000 facemasks (with comms bracket)



3M Order Code	Model #	Description
XP100119906	201276-03	EPIC 3 Radio Int Voice Amp Vision Face mask
XP100119914	201276-04	EPIC 3 Radio Int Voice Amp Promask Face mask
XP100119880	201276-01	EPIC 3 Radio Int Voice Amp Open Bracket AV3000HT

## 3M™ Scott EPIC 3 Radio Direct Interface (RDI) Voice Amplifier

- Compact, SCBA mask mounted voice amp and wireless radio-direct communications device
- Designed to work with encrypted Bluetooth® enabled Motorola APX digital radios direct from SCBA mask to radio
- Advanced electronic noise suppression technology improves communication clarity and personnel safety
- Durable IP66/67 rated system for use in demanding high temperature environments
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Customisable, user friendly, easy to operate, system
- Compatible with Promask, Vision 3 & AV3000 facemasks (with comms bracket)



### EPIC 3 Radio Direct Interface Voice Amplifier

3M Order Code	Model #	Description
XP100119948	201276-13	EPIC 3 Radio Direct Int Voice Amp Vision
XP100119955	201276-14	EPIC 3 Radio Direct Int Voice Amp Promask

### EPIC 3 Full face masks with comms bracket

3M Order Code	Model #	Description
XP100149945	2032231	Promask PP LQF HC EPIC 3 M L Rubber Head harness
XP100548815	2032232	Promask PP LQF HC EPIC 3 Sml Rubber Head harness
XP100149911	2032227	Vision PP LQF HC EPIC 3 M L Rubber Head harness
XP100149929	2032228	Vision PP LQF HC EPIC 3 Sml Rubber Head harness
XP100119922	201276-11	EPIC 3 Radio Direct Int. Voice Amp Open Bracket AV3000HT
XP100293933	8005245	AV3000HT RECB Small Kevlar
XP100293941	8005246	AV3000HT RECB Med Kevlar
XP100293958	8005247	AV3000HT RECB Large Kevlar
XP100293966	8005248	AV3000HT LECB Small Kevlar
XP100293974	8005249	AV3000HT LECB Med Kevlar
XP100293982	8005250	AV3000HT LECB Large Kevlar

## 3M™ EPIC 3 Accessories

Specialised communication accessories that extend EPIC 3 utility include; command headset, throat microphone with earpiece, remote finger-mounted ring PTT control and remote PTT paddle device



3M Order Code	Model #	Description
XP100119799	201226-01	EPIC 3 Ring PTT
XP100119807	201227-01	EPIC 3 Paddle PTT
XP100119815	201228-01	EPIC 3 Throat MIC
XP100119823	201229-01	EPIC 3 Command COM Headset
XP100119831	201243-01	EPIC 3 Bluetooth Programmer Interface Module W/USB Cable
XP100104031	200715-01	EPIC 3 AV3000 COMMS Bracket Right

# Self Contained Breathing Apparatus

## 3M™ Scott Steel Cylinders

- Suitable for Scott SCBA and Scott Modulair Airline Trolley
- Complete with safety locking hand wheel



3M Order Code	Model #	Description
XP100148707	2031535	Flite COV 200 bar 10 min steel cyl c/w pouch and reducer/hose Full
XP100148723	2031537	Flite COV 200 bar 15 min steel cyl c/w pouch and reducer/hose Full

## 3M™ SCBA Storage Solutions

- Large enough to carry SCBA, cylinder and mask



3M Order Code	Model #	Description
AT010658097	SCBABAG:L	Carry Bag Large SCBA 35Cm X 75Cm X 35Cm
AT010645821	2014810	SCBA Moulded Carry Case

## 3M™ Scott Trigene Solution & Wipes

- Antimicrobial respirator and surface wipes
- Available as ready-to-use wipes & pre-mixed solution or in concentrate form for dilution on-site
- TGA Registered - ARTG No: 232937 & 233129



3M Order Code	Model #	Description
AT010788142		Trigene Wipes Drum (180)
AT010648684	2008248EA	Trigene Solution 5L Concentrat Clear
AT010659616	TRIG:31	Trigene Pre-Mix 1 To 100 5L Green

## 3M™ Scott Carbon Fibre Cylinders

- Suitable for Scott SCBA and Scott Modulair Airline Trolley
- Constructed of an aluminium alloy inner shell overwrapped with carbon-fibre, fibreglass and epoxy resin
- Cylinder liner is coated with aluminium oxide to protect against moisture and corrosion
- Available with right angle valve (RAV) or T Valve 6.8L 300 Bar
- Supplied charged/full or empty.



3M Order Code	Model #	Description
AT010700105	118245RAV	Cylinder 6.8L 300 Bar Carbon RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon RAV
AT010700113	118245T	Cylinder 6.8L 300 Bar Carbon T Valve
AT010700121	1127413T	Cylinder 9L 300 Bar Carbon T Valve
AT010700675	118245RAV-NLH	Cylinder 6.8L 300 Bar Carbon RAV Non-locking handwheel
AT010700683	118245T-NLH	Cylinder 6.8L 300 Bar Carbon T Valve Non-locking handwheel
AT010673252	1127413RAV-NLH	Cylinder 9L 300 Bar Carbon RAV Non-locking handwheel
AT010700709	1127413T-NLH	Cylinder 9L 300 Bar Carbon T Valve Non-locking handwheel
XP100060209	1023116	035.016.03 Pressure Test Gauge 200 300 Bar
XP100061173	1024182	038.249.00 Cylinder Protective Cover Red
XP100061181	1024185	038.250.00 Cylinder Protective Cover Red
AT010648692	200952-03	Cylinder Sleeve 45 min 4500 6.8L
AT010648700	200952-04	Cylinder Sleeve 60 min 4500 9L
XP100148749	2031539	Flite COV 300 bar 10 min carbon cyl c/w pouch hose Full

## 3M™ Scott SCBA Wall Cabinet

- Universal breathing apparatus wall-mount cabinet
- Made from 3mm PVC reinforced with fibreglass
- Comes with clear plastic lid to protect SCBA from dust and dirt



3M Order Code	Model #	Description
AT010658113	SCBACAB	SCBA Wall Cabinet
AT010656182	QTB454	Wall Bracket SCBA



# Thermal Imaging

Today's firefighters operate in extreme conditions, where temperatures are capable of rising faster and where visibility is reduced in seconds. Conditions within these environments can put firefighters in situations where their safety is compromised and they must have a complete understanding of the environment. 3M Scott's Thermal Imaging Cameras come with the very latest in advanced thermal imaging, with exclusive features such as hot spot tracking, Intelligent Focus™ and tactical colourisation. Our thermal imaging cameras provide firefighters with the ultimate situational awareness.

# Ultimate combination of situational awareness.

Today's firefighters operate in extreme conditions, where temperatures are capable of rising faster and where visibility is reduced in seconds. Conditions within these environments can put firefighters in situations where their safety is compromised and they must have a complete understanding of the environment.

Thermal imaging cameras (TICs) provide users with the ultimate combination of situational awareness, lightweight design and robust features. The superior image quality enables firefighters to fully interpret a fire scene and make more-informed tactical decisions.

### What is thermal energy?

Thermal energy, also known as infrared energy, is light that is invisible because its wavelength is too long to be detected by the human eye. It is part of the electromagnetic spectrum that we perceive as heat. Unlike visible light, where energy is emitted by objects only at a very high temperature, infrared energy is emitted by all objects at ordinary temperatures. The higher the object's temperature, the greater the infrared radiation emitted.

### How does a thermal camera work?

TIC detect infrared/thermal radiation temperature variations converting into electrical signals, signals convert back into images on a screen.

Thermal cameras do not depend on visible light, objects in total darkness or surrounded in smoke can be seen. TICs cannot see through walls, glass, and water, anything that absorbs thermal radiation.

3M™ Scott Fire & Safety Thermal Imaging Camera features tactical colourisation, enabling quick response.

The Hot Spot Tracker identifies the hottest object in the scene, tracks it, and displays its temperature, whilst conversely the Cold Spot Tracker locates and pinpoints thread or valve gas leaks in seconds.

#### TIC operational tasks include:

- Surveillance operations – hiding burglars, fleeing from a crime scene
- Firefighting – quickly identifying hot spots
- Search & Rescue – locating people in smoke filled or dark environments
- Maritime navigation – clearly see other vessels or people in the water at night
- Clandestine operations – find households or building with suspiciously high temperatures
- Disease control – quickly scan incoming passengers at airports for elevated temperatures.



# 3M™ Scott™ V320 Thermal Imaging Camera

The V320, featuring a 320×240 sensor, and equipped with extended battery life, provides firefighters with mission critical information that enables firefighters to make better decisions in extreme conditions.

## Features and Benefits:

- 320×240 High Resolution Sensor Provides clear images enabling firefighters to navigate through limited-visibility conditions.
- Extended Battery Life Up to Eight-hour runtime with a removable rechargeable battery.
- Single Button Single button ON/OFF provides easy deployment. No menus required.
- 3.5" High-Contrast Display Ensures the image on the display can be seen in multiple light conditions.
- Fast Startup Time Ready for use within five seconds of activating the power button – without the use of a standby mode!
- Lightweight, Durable Design Designed to withstand the extreme conditions.
- Ergonomics Ergonomically designed and balanced for comfort with a gloved hand.



3M Order Code	Model #	Description
XP101716320	8007135	V320 25Hz TIC Celsius - KIT
AT010787995		V320 25HZ TIC Kit in hard carry case
XP101716304	8007133	V320 9Hz TIC Celsius - KIT
XP101715926	8007136	V-SERIES Retractable Lanyard
XP101715918	8007137	V-SERIES Battery Charger
XP101715900	8007138	V-SERIES Charger Power Supply
XP101715892	8007139	V-SERIES Standard Battery
78815125022		KIT, TIC Truck Holder V-SERIES











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