3M Science. Applied to Life.™



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.

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

Key types of RPE available from 3M:



Filtering Facepiece/Disposable Respirators

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



Reusable Half and Full Facepiece Respirators

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



Powered Air & Supplied Air Systems

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

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

Types of respirators and protection factors.

QR-CAT-PF
Click or Scan to Download Poster

The higher the exposure the greater the protection and reduction in exposure required.

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

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

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

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

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

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

Increasing Protection Factor

Nuisance Level Exposure

Action Level - 50% of WES to implement controls

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



Safeguard your workforce with the correct respiratory protection solution.

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

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

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



Part 1: Respiratory Protection Selection

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

QR-ODW-RPE1
Scan or Click to watch



Part 2: Types of Respiratory Protection

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

QR-ODW-RPE2
Scan or Click to watch



Part 3: Importance of Fit & Fit Testing

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

QR-ODW-RPE3
Scan or Click to watch

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

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

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



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

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



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



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



Supplied Air System Stethoscope

Selection process for 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



Continuous Flow Supplied Air

Modular respirator systems.

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension | Reusable Suspension



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

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

S-655
S-657
S-757

S-855E

3M™ Versaflo™ Headtops M-Series

Faceshields | Helmets | Helmets with Shrouds



M-206
M-207

M-306
M-307
M-307CAP

M-406
M-407

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

Full Face | Half Face | Full Face



FF-400

7500

6000

Breathing Tubes - Loose Fitting Hoods & Headtops

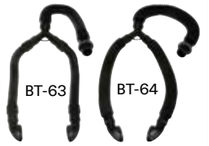
BT-20 S/L: Lightweight (in two lengths)
BT-30: Self-adjusting
BT-40: Heavy-duty rubber



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

Breathing Tubes - Tight Fitting Facepieces

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



BT-63 | BT-64

3M™ Versaflo™ Powered air turbos

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



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

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

Air Cooling | Air Heating | Flow Controlled



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

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

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

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

3M™ Versaflo™ Powered air turbos

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



3M™ Versaflo™
Powered Air Turbo TR-600

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

Continuous Flow Supplier Air Stethoscope & Valves

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



Stethoscope Airline system

TR-300 Filter



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

Battery



- High capacity battery

Charger



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

Airline components

Air Supply Hose



Breathable Air Panel





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



TR-600 & TR-800 Filter

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



TR-600 Battery

- Standard Battery
- High Capacity Battery



TR-600 & TR-800 Chargers

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



TR-830 Battery

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

Airline components

Air Supply Hose



Breathable Air Panel



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

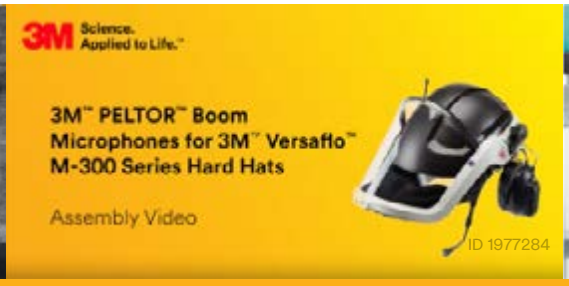
Note: Refer to catalogue sections for further information on each product and country availability.

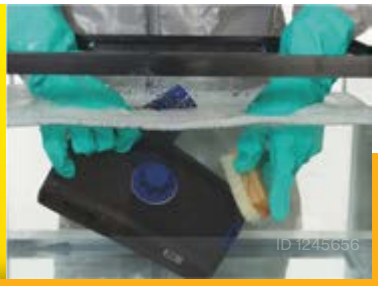
3M™ Versaflo™ Global Powered and Supplied Air Training & Care and Maintenance Video Library

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

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







QR-PSA-VID

Scan or Click to view the videos

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



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.

- Compliant with AS/NZS 1716:2012



V-500E
Does NOT include CEJN 342 fitting

V-500E
QR-PSA-45
Scan or Click for Tech Data Sheet



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

Example Setup





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

ALVM-206E & ALVM-406E
QR-PSA-46
Scan or Click for Tech Data Sheet

Refer to the Powered Air Purifying Respirator (PAPR) Section for information on the M-206 and M-406 headtops

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

Availability					
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7100005806	XA007706675	•	•	V-500E	3M™ Versaflo™ Supplied Air Regulator V-500E, No Fitting, 1 EA/Case
7012891413	AT010587783	•	•	ALVM-206E (902-03-84)	3M™ Versaflo™ Supplied Air Spray Kit ALVM-206E 902-03-84, with V-500E with CEJN 342 fitting, BT-30 breathing tube & M-206 with S1303-066 Storage Bag, 1 ea/Case
7012883633	AT010587809	•		ALVM-406E (902-03-86)	3M™ Versaflo™ Supplied Air Spray Kit ALVM-406E 902-03-86, with V-500E with CEJN 342 fitting, BT-30 breathing tube & M-406 with S1303-066 Storage Bag, 1 ea/Case
7000042672	52000017831	•	•	023-05-51P5	3M™ Versaflo™ Supplied Air V-500E, Carbon Filter Pack and O-Rings 023-05-51P5, 5 Pack/ Case
7100063944	UU003029780	•	•	M-976	3M™ Versaflo™ Head, Neck and Shoulder Cover M-976
7100001829	70071564341	•	•	M-928	3M™ Versaflo™ M-Series Peel-Off Visor Covers, M-928
7000103964	XA007706527	•		BT-922*	3M™ Versaflo™ Breathing Tube Cover BT-922, 1 Pack/Case
7100288242	70071767332	•	•	M-924-25	3M™ M-924-25 Tinted Peel -Off Covers for Versaflo M-Series

*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

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

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. Compliant with AS/NZS 1716:2012.











QR-PSA-V100
Scan or Click for Product Supply Update

QR-PSA-47
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7100331585	70100401259	•	•	V-100	3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100, with TR-325 belt, No fitting, 1 EA/Case
7012872248	AT019184244	•		902-02-18	3M™ Versaflo Supplied Air Cooling Valve Assembly Kit 902-02-18, V-100 with CEJN 342 fitting & BT-30 breathing tube, 1 ea/Case
7000126273	XA007707723	•		V-111	3M™ Versaflo™ Vortex Muffler Kit V-111 1 EA/Case
7100091678		•		V-112	3M™ Versaflo™ Premium Holder V-112, for V-100 and V-200 Series Air Regulating Valves
7000126274	70070799047	•		V-115	3M™ Versaflo™ Vortex Spare Parts Kit V-115 1 EA/Case. Includes O-rings, washer, generator, screw, washer lock, foam pad and fastener
7000002156	78812417836	•		V-199	3M™ Adapter V-199/37069(AAD) 4 EA/Case

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

Heating Airline Kit includes Heating Vortex kit, V-200, muffler, BT-30 Tube, 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. Compliant with AS/NZS 1716:2012









QR-PSA-V100
Scan or Click for Product Supply Update

QR-PSA-48
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7100331680	70100401192	•	•	V-200	3M™ Versaflo™ Supplied Air Heating Valve Assembly V-200, with TR-325 belt, No fitting, 1 EA/Case
7012889455	AT010589466	•		902-02-85	3M™ Versaflo Supplied Air Heating Valve Assembly Kit 902-02-85, V-200 with CEJN 342 fitting & BT-30 breathing tube, 1 ea/Case
7100091678		•		V-112	3M™ Versaflo™ Premium Holder V-112, for V-100 and V-200 Series Air Regulating Valves
7000002156	78812417836	•		V-199	3M™ Adapter V-199/37069(AAD) 4 EA/Case
7000126276	70070799112	•		V-211	3M™ Versaflo™ Vortemp™ Muffler Kit V-211 1 EA/Case

3M™ Versaflo Supplied Air Regulating Valve Assembly

3M™ Versaflo Supplied Air Regulating Valve Assembly Kit includes Standard Airline Regulator, V-300, muffler, hose connector, belt and instructions. Suits the range of M Series and S Series Versaflo headtops. Compliant with AS/NZS 1716:2012







QR-PSA-V300
Scan or Click for Product Supply Update

QR-PSA-49
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7100077491	70070799161 (NZ)	•	•	V-300	3M™ Versaflo™ Air Regulating Valve Assembly V-300/37019(AAD), with TR-325 belt, No fitting or breathing tube, 1 EA/Case
7012887859	AT019167991	•		902-01-78	3M™ Versaflo Supplied Air Regulating Valve Assembly 902-01-78, V-300 with CEJN 342 fitting, 1 ea/Case. No Breathing Tube
7012873867	AT019184236	•		902-02-17	3M™ Versaflo Supplied Air Regulating Valve Assembly Kit 902-02-17, V-300 with CEJN 342 fitting & BT-30 breathing tube, 1 ea/Case
7000002156	78812417836	•		V-199	3M™ Adapter V-199/37069(AAD) 4 EA/Case
7000126276	70070799112	•		V-211	3M™ Versaflo™ Vortemp™ Muffler Kit V-211 1 EA/Case

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



M-206
M-207

M-306
M-307



M-307CAP



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

Refer to the Powered Air Purifying Respirator (PAPR) Section for information on these heatops/hoods

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

Dual Airline Stethoscope Airline Systems Full and Half Facepiece Sets


SA-2500


SA-2600


6880


SA-1007


68SA2/69AS2

QR-PSA-V300
Scan or Click for Product Supply Update

QR-PSA-50
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012868312	AT019167140 (AUS) XH000747234 (NZ)	•		68SA2	3M™ Medium Reusable Full Facepiece Airline Kit 68SA2, with SA-1007 & SA-2500 1 Kit/Case c/w 6800 medium full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN 342 fitting
7012868588	AT019167157	•		69SA2	3M™ Large Reusable Full Facepiece Airline Kit 69SA2, with SA-1007 & SA-2500 1 Kit/Case c/w 6900 medium full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN 342 fitting
7000002006	70070613214	•	•	SA-2500	3M™ Dual Airline Back-Mounted Breathing Tube SA-2500), 1 EA/Case
7000002044	70070710119	•	•	SA-2600	3M™ Combination Dual Airline Back-Mounted Breathing Tube SA-2600, 1/Case. Capability of fitting negative pressure filters as well as positive pressure continuous airflow airline protection
7000002002	70070611606	•	•	SA-1007	3M™ Dual Airline Air Regulating Valve Assembly SA-1007 1 EA/Case. Includes SA-1009 valve and TR-325 belt.
7100006233	70070757375	•	•	6880	3M™ Bayonet Cap 6880/37002(AAD), 10 ea/Bag. Used to close back bayonet attachments on SA-2600 back mounted dual airline breathing tube

Refer to the Reusable Respirator Section for information and spare parts on the 7500 Series half facepiece and 6000 Series Full Facepiece Respirators

Dual Airline Stethoscope Breathing Tube Sets


901-00-71

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

Dual Airline Stethoscope Airline System Compatible facepieces


7500 6000

QR-PSA-V300
Scan or Click for Product Supply Update

QR-PSA-51
Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012869235	AT010589458	•	•	901-00-71	3M™ Supplied Air Dual Airline Kit 901-00-71 (SA-2000), SA-2500 & SA-1007 with CEJN 342 Fitting, 1 Each/Case. Compatible with 6000 Full Facepeice and 7500 half facepeice series
7012879780	AT019202897	•	•	902-03-15	3M™ Supplied Air Dual Airline Kit 902-03-15, (SA-2100), SA-2600 & SA-1007with CEJN 342 Fitting, 1 Each/Case. Capability of fitting negative pressure bayonet as well as positive pressure continuous airflow airline protection. Compatible with 6000 Full Facepeice and 7500 half facepeice series

Refer to the Reusable Respirator Section for information and spare parts on the 7500 Series half facepiece and 6000 Series Full Facepiece Respirators

3M Supplied Air Regulator and Air Regulating Valves Comparison Chart

3M™ Supplied Air Regulators and Valves provide comfortable, cost effective respiratory protection for all-day use. Supplied air respirators offer many features over traditional respiratory protection, such as cooling or heating incoming air with certain valves and low maintenance. 3M™ Supplied Air Respirators require a source of clean breathing air such as plant air systems or bottled air. This clean, breathable air can be delivered to a range of hoods and helmets

	V-100	V-200	V-300	V-500E	SA-1007
					
SAP Code	7100331585 (AU & NZ) 7012872248 (AU)	7100331680 (AU & NZ) 7012889455 (AU)	7100077491 (AU & NZ) 7012887859 (AU) & 7012873867 (AU)	7100005806	7000002002
Legacy ID	70100401259 (AU & NZ) AT019184244 (AU) with BT-30	70100401192 (AU & NZ) AT010589466 (AU) with BT-30	70070799161 (AU& NZ) AT019167991 (AU) AT019184236 (AU) with BT-30	XA007706675	70070611606
Availability	AU & NZ	AU & NZ	AU & NZ	AU & NZ	AU & NZ
Compatible Breathing Tubes*	BT-20S, BT-20L, BT-30, BT-40	BT-20S, BT-20L, BT-30, BT-40	BT-20S, BT-20L, BT-30, BT-40	BT-20S, BT-20L, BT-30, BT-40	SA-2500, SA-2600
Belt	TR-325	TR-325	TR-325	TR-325	TR-325
Airline Hose Connection Type	7100331585 - No fitting or hose 7100331585 (AU) - CEJN 342	7100331680 - No fitting or hose 7012889455 (AU) - CEJN 342	7100077491 - No fitting or hose 7012887859 (AU) CEJN 342 & 7012873867 (AU) CEJN 342 & BT-30		CEJN 342
Approximate Weight	650g	750g	268g	514g	275g
Inlet Pressure	62-72 psig (4 bar to 5 Bar) From an up to 30m airline hose	64 – 68 psig (4.4 – 4.7 Bar) From an up to 30m airline hose	30-35 psig (2-2.4 Bar) From an up to 30m airline hose	50-116 psig (3.5-8 Bar) Max Pressure 10 Bar From an up to 30m airline hose	16-24 psig From an up to 30m airline hose
Airflow outlet range	6-15 cfm (170 to 425 lpm)	6-15 cfm (170 to 425 lpm)	6-15 cfm (170 to 425 lpm)	6-10 cfm (170 to 305 lpm)	4-15 cfm (115-425 lpm)
Temperature Adjustment	✓ Up to 25°C Cooling	✓ Up to 25°C Heating			
Low Pressure Warning Whistle				✓	
Optional outlet to spray gun				✓	
Odour filter				✓	

CFM = Cubic feet minute. LPM = Litre per minute. PSI – Pounds per square Inch gauge. Bar = Atmospheric pressure

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

Discussion on Respirable Air

- Many older compressed air systems may provide air that is unfit for human respiration without secondary air treatment. This is due largely to the presence of objectionable oil vapors and odors. Rules and regulations governing air quality when using compressed air for respiration are quite specific. Precautions must be observed when using compressed air for breathing purposes.
- Oil mist from the compressor lubricating oil must not be present when the air reaches the air control device. Excessive amounts of water vapour and any particulate matter should also be removed as they may affect performance of the air control devices.
- Refer AS/NZS 1716 Appendix A and/or SA/SNZ TS ISO 16975.1:2023 for further information on breathable air quality requirements.

3M™ Supplied Air Breathing Tubes Comparison Chart

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

	BT-20S	BT-20L	BT-30	BT-40	SA-2500	SA-2600
Picture						
SAP ID	7100134625	7100296133	7100006955	7100069524	7000002006	7000002044
Legacy ID	70071533023	70071767472	XA007706584	UU003085113	70070613214	7007070119
Availability	AU	AU	AU & NZ	AU & NZ	AU & NZ	AU & NZ
Material	Polyurethane	Polyurethane	Polyurethane	Neoprene Rubber	Kraton and polypropylene	Kraton and polypropylene
Approximate Length	735mm	935mm	525-850mm Length Adjusting	840mm	925mm	925mm
Blower/Regulator/Valve End Connection Type	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Bayonet Fitting (two small prongs)	Screw	Screw
Headtop/Facepiece Connection Type	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Quick Release Swivel (QRS)	Twin RR Bayonet	Twin RR Bayonet with back mounting
Compatible PAPR Blower/Supplied Air Regulator or Valve*	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	TR-300+ TR-600 TR-800 PF-600E-ASB-PF-949 V-100, V-200, V-300, V-500E	SA-1007 Dual airline regulating valve	SA-1007 Dual airline regulating valve
Compatible Headtop/ Facepiece	All S-Series# All M-Series^	All S-Series# All M-Series^	All S-Series# All M-Series^	All S-Series# All M-Series^	7500 Half facepiece, 6000 Full Facepiece	7500 Half facepiece, 6000 Full Facepiece

* Refer to catalogue sections for further information on each product and country availability
# S-333 & S-533 only compatible with PF-600E-ASB-949
^ M-200 & M-300 only compatible with PF-600E-ASB-949

Breathing Tube Accessories


BT-922


BT-927


BT-957


BT-926

SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7000103964	XA007706527	•		BT-922	3M™ Versaflo™ Breathing Tube Cover BT-922, 1 Pack/Case. Breathing tube not included
7000042907	70071564432	•	•	BT-926	3M™ Versaflo™ Breathing Tube Cover, Flame and Heat Resistant, Hi-Durability, BT-926, 1/case
7100099908	UU006081895	•	•	BT-927	3M™ Versaflo™ Breathing Tube Radiant Heat Cover BT-927, 1 ea/Case. Breathing tube not included.
7100176778	70071731569	•	•	BT-957	3M™ Versaflo™ Storage Plugs BT-957 5/CS

Airline 3 Outlet Panel (1020 l/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

901-00-49

901-00-50

QR-PSA-52

Scan or Click for Tech Data Sheet

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7012890154	AT019184335	•		901-00-47	3M™ Supplied Air Breathing Air Panel, 901-00-47 with 3 x CEJN 342 Fittings , 1 ea/Case
7012873605	AT019165854	•		901-00-50	3M™ Supplied Air Breathing Air Panel Filter, 901-00-50, Coalescing Element, 1 ea/Case
7012892343	AT019165847	•		901-00-49	3M™ Supplied Air Breathing Air Panel Filter, 901-00-49, Carbon Element, 1 ea/Case

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.



QR-PSA-53

Scan or Click for Tech Data Sheet

Compatible with



V-100



V-200



V-500E



V-300



SA-1007



901-00-47

SAP ID	Legacy ID	Availability AUS	NZ	Model #	Description
7012890770	AT019165714	•		901-00-56	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 7.5 m, 1 ea/Case
7012886198	AT019165706	•		901-00-55	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 10 m, 1 ea/Case
7012913494	AT019165698	•	•	901-00-54	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 15 m, 1 ea/Case
7012887764	AT019185233	•		901-00-63	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 30 m, 1 ea/Case

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

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

NOTE: Check product pages for country availability

3M™ Versaflo™ Headtops M-Series

Faceshields | Helmets | Helmets with Shrouds



M-206
M-207

M-306
M-307

M-307CAP

M-406
M-407

Refer to the Powered Air Purifying Respirator (PAPR) Section for information on these heatops/hoods

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

Half Face | Full Face



7500

6000

Refer to the Reusable Respirator Section for information on these tight fitting facepieces

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

Refer to the Powered Air Purifying Respirator (PAPR) Section for information on these heatops/hoods

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



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100331585	70100401259	•	•	V-100	3M™ Versaflo™ Supplied Air Cooling Valve Assembly V-100, with TR-325 belt, No fitting, 1 EA/Case
7012872248	AT019184244	•		902-02-18	3M™ Versaflo Supplied Air Cooling Valve Assembly Kit 902-02-18, V-100 with CEJN 342 fitting & BT-30 1 ea/Case

V-200 Vortemp Heating Airline Belt System



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100331680	70100401192	•	•	V-200	3M™ Versaflo™ Supplied Air Heating Valve Assembly V-200, with TR-325 belt, No fitting, 1 EA/Case
7012889455	AT010589466	•		902-02-85	3M™ Versaflo Supplied Air Heating Valve Assembly Kit 902-02-85, V-200 with CEJN 342 fitting & BT-30 1 ea/Case

V-300 Standard Airline Kit



SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100077491	70070799161	•	•	V-300	3M™ Versaflo™ Air Regulating Valve Assembly V-300/37019(AAD), No fitting or breathing tube, 1 EA/Case
7012887859	AT019167991	•		902-01-78	3M™ Versaflo Supplied Air Regulating Valve Assembly 902-01-78, V-300 with CEJN 342 fitting, 1 ea/Case. No Breathing Tube
7012873867	AT019184236	•		902-02-17	3M™ Versaflo Supplied Air Regulating Valve Assembly Kit 902-02-17, V-300 with CEJN 342 fitting & BT-30 breathing tube, 1 ea/Case
7100006955	XA007706584	•	•	BT-30	3M™ Versaflo™ Length Adjusting Breathing Tube BT-30

V-500E Regulator & BT-30





SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7100005806	XA007706675	•	•	V-500E	3M™ Versaflo™ Supplied Air Regulator V-500E, 1 ea/Case. NOTE: Does NOT come with CEJN 342 fitting or breathing tube
7100006955	XA007706584	•	•	BT-30	3M™ Versaflo™ Length Adjusting Breathing Tube BT-30

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





SAP ID	Legacy ID	Availability AUS	Availability NZ	Model #	Description
7012869235	AT010589458	•	•	901-00-71	3M™ Supplied Air Dual Airline Kit 901-00-71 (SA-2000), SA-2500 & SA-1007 with CEJN 342 Fitting, 1 Each/Case
7012879780	AT019202897	•	•	902-03-15	3M™ Supplied Air Dual Airline Kit 902-03-15, (SA-2100), SA-2600 & SA-1007with CEJN 342 Fitting, 1 Each/Case

QR-PSA-V100

Scan or Click for V-100 & V-200 Product Supply Update

QR-PSA-V300

Scan or Click for V-300 & Dual Airline Stethoscope Product Supply Update

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

Airline 3 Outlet Panel (1020 l/min)



		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7012890154	AT019184335	•		901-00-47	3M™ Supplied Air Breathing Air Panel with 3 x CEJN 342 Fittings 901-00-47, 1 Each/Case

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 Breathable Air Hoses - CEJN Series 342 Fittings



		Availability			
SAP ID	Legacy ID	AUS	NZ	Model #	Description
7012890770	AT019165714	•		901-00-56	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 7.5 m, 1 ea/Case
7012886198	AT019165706	•		901-00-55	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 10 m, 1 ea/Case
7012913494	AT019165698	•	•	901-00-54	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN 342 Fittings, 15 m, 1 ea/Case
7012887764	AT019185233	•		901-00-63	3M™ Supplied Air Hose & Hose Assembly, Supplied Air Breathing Hose with CEJN Fittings, 30 m, 1 ea/Case

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

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

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