



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ Air-Mate™ Belt Mounted High Efficiency (HE) Powered Air Purifying Respirator PAPR System

Headgear

Head Cover
BE-12 Series



BE-12-3 White Reg
BE-12-50 White Reg
BE-12L-3 White Lg*
BE-12L-50 White Lg*

Hood
BE-10 Series



BE-10-3 White Reg
BE-10-20 White Reg
BE-10L-3 White Lg

Breathing Tube



BE-224

HEPA PAPR Assembly



AMH-1U

AMH-1U Includes:

- Air-Mate™ PAPR Unit 520-03-63R01
- Battery Pack 007-00-15R01
- HE Filter 451-02-01R01
- Airflow Indicator 021-14-00R01
- Vinyl Belt GVP-117
- External Charging Adapter 520-04-24
- Breathing Tube BE-224
- Breathing Tube Cover W-3228-10
- Smart Battery Charger 520-03-73



231-01-30


231-01-30 Includes:

- Air-Mate™ PAPR Unit 520-03-63R01
- Battery-Pack 007-00-15R01
- HE Filter 451-02-01R01
- Waist Belt Nylon 021-41-02R01
- Airflow Indicator 021-14-00R01

231-01-30U Includes:

All components of the 231-01-30 except nylon belt replaced with easy clean vinyl belt GVP-117.

AMH-12U Kit



AMH-12U

AMH-12U Includes:

- Air-Mate™ PAPR Assembly 231-01-30U
- Head Cover BE-12-3, Regular, White
- Smart Battery Charger 520-03-73
- External Charging Adapter 520-04-24
- Breathing Tube BE-224
- Breathing Tube Cover W-3228-10
- Storage Bag

Note: Storage bag comes with kit and is not sold separately.

Battery Charger



520-03-73
Single Battery Charger



520-03-72
Five Battery Charger



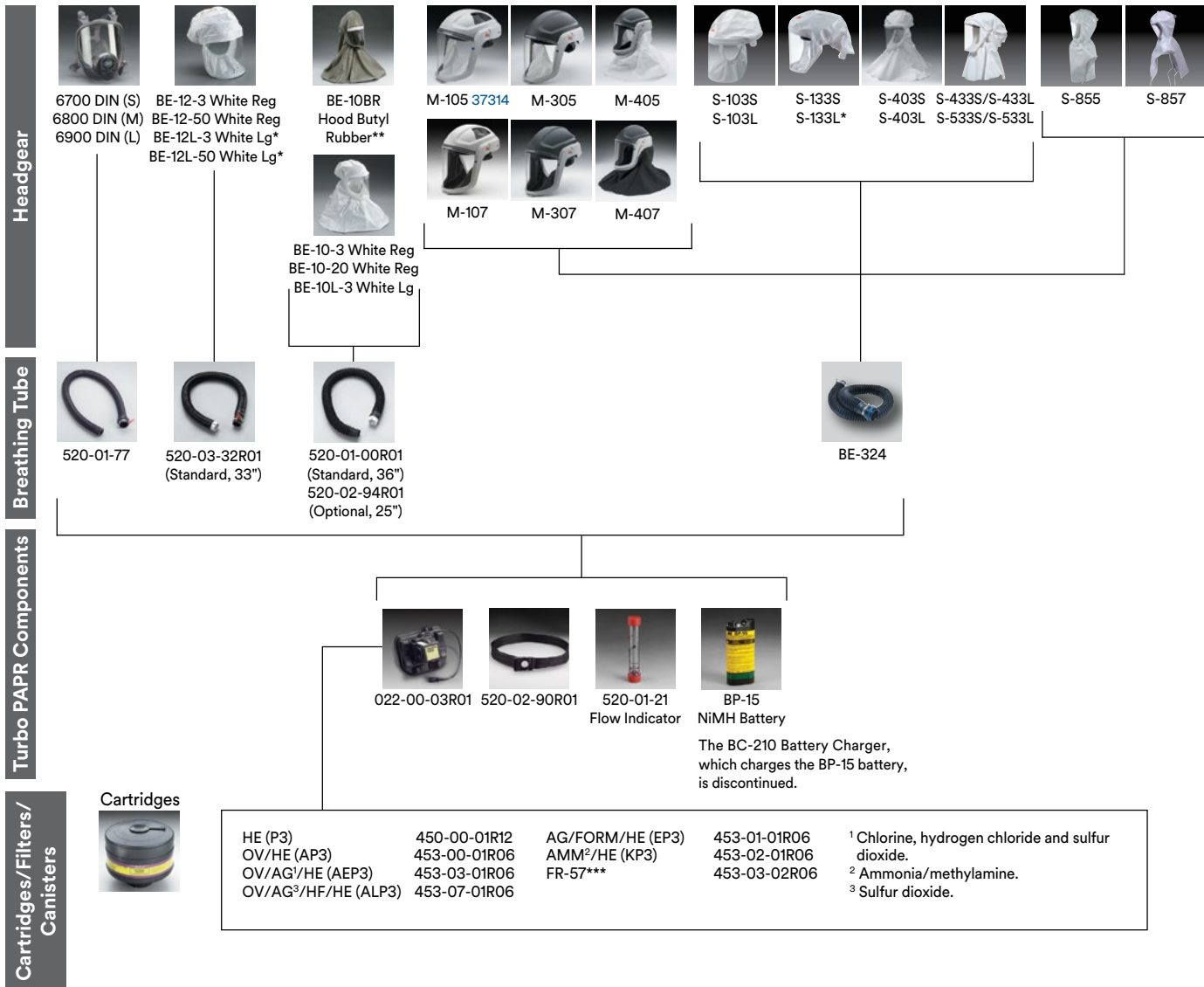
520-04-24
External Battery Charger
Assembly

*Large size comes with removable blue tissue covering the visor.

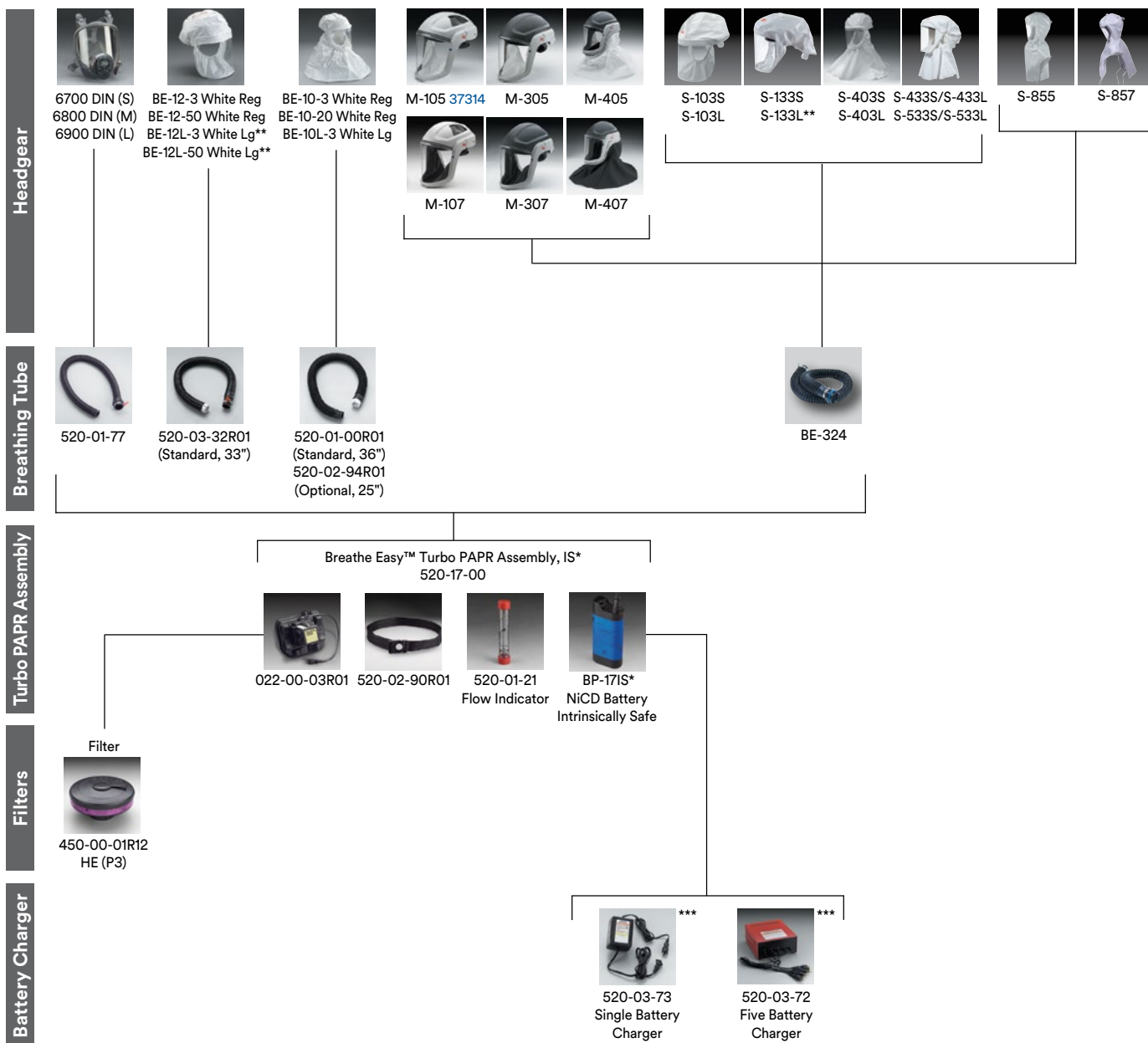
**Please note: Effective January 1, 2017, the AMH-1U and AMH-12U kits will no longer be available for sale in California or Oregon due to a change in battery charger regulations that affect the 520-03-73 charger contained within these kits.

***Please note: Effective January 1, 2017, the 520-03-72 and 520-03-73 chargers will no longer be available for sale in California or Oregon due to a change in battery charger regulations that affect those states.

3M™ Breathe Easy™ Belt-Mounted PAPR System with NiMH BP-15 Battery



3M™ Breathe Easy™ Belt-Mounted PAPR System with BP-17IS NiCD Battery (Intrinsically Safe)*



Footnotes:

- *The Breathe Easy™ Turbo PAPR with BP-17IS battery pack has been tested and classified for intrinsic safety ("Exia") by Underwriters Laboratory (UL 913 5th Edition). See User Instructions for details.
- **Large and Medium/Large sizes come with removable blue tissue or film covering the visor.
- ***Please note: Effective January 1, 2017, the 520-03-72 and 520-03-73 chargers will no longer be available for sale in California or Oregon due to a change in battery charger regulations that affect those states.

3M™ Breathe Easy™ Belt-Mounted PAPR System

CBRN First Responder System

Headgear

Hoods
BE-10 Series



Butyl Rubber
BE-10BR

Breathing Tube



RBE-BTH

Turbo PAPR Assembly

Non-Rechargeable



022-00-03R01

RBE-BLT

520-01-21
Flow Indicator

520-04-57R01
Lithium
Non-rechargeable

Rechargeable



022-00-03R01

RBE-BLT

520-01-21
Flow Indicator

BP-15
NiMH Battery

Note: the BP-15 Battery is available. The BC-210 Battery Charger, which charges the BP-15 battery, is discontinued.

Cartridges/Filters/
Canisters

Cartridges



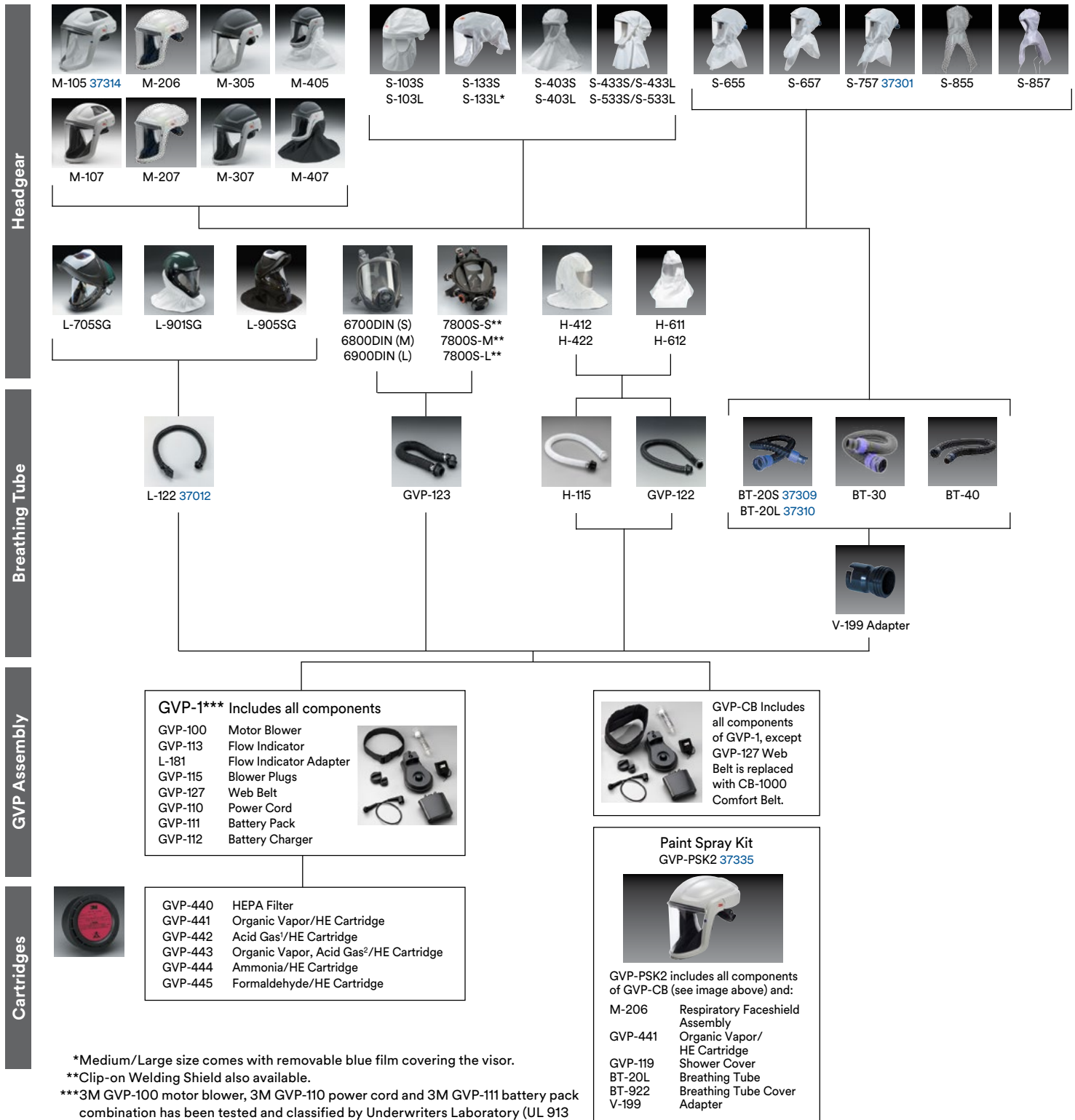
RBE-57

Systems



RBE-L10 System

3M™ GVP-Series Belt-Mounted Powered Air Purifying Respirators



*Medium/Large size comes with removable blue film covering the visor.

**Clip-on Welding Shield also available.

***3M GVP-100 motor blower, 3M GVP-110 power cord and 3M GVP-111 battery pack combination has been tested and classified by Underwriters Laboratory (UL 913 5th Edition) for intrinsic safety: See User Instructions for additional information.

OV = NIOSH approval: Certain organic vapors.

AG¹ = NIOSH approval: Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide or hydrogen fluoride.

AG² = NIOSH approval: Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen fluoride and hydrogen sulfide.

3M™ GVP-Series Belt-Mounted Powered Air Purifying Respirators with TR-630 Lithium-Ion Battery

Headgear



M-305



M-307



M-405



M-407



L-901SG



L-905SG

Breathing Tube



BT-20S 37309
BT-20L 37310



BT-30



BT-40



V-199 Adapter



L-122 37012

GVP Assembly

GVP-614-SK Smelting Kit



- GVP-100 Motor Blower
- TR-659 Battery Adapter
- GVP-610 Power Cord
- TR-656 Heavy Duty Holster
- TR-630 Standard Battery
- TR-641N Single Station Battery Charger
- TR-326 High Durability Leather Belt
- BT-40 Versaflo Heavy Duty Breathing Tube
- V-199 Adapter
- GVP-443 Organic Vapor, Acid Gas/HE Cartridge
- GVP-113 Flow Indicator

For customers with existing GVP systems

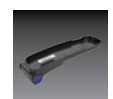
GVP-600 Upgrade Kit



- TR-659 Battery Adapter
- GVP-610 Power Cord
- TR-656 Heavy Duty Holster
- TR-630 Standard Battery
- TR-641N Single Station Battery Charger



GVP-100
Motor Blower



TR-659
Battery Adapter



GVP-610
Power Cord



TR-656
Heavy Duty Holster



TR-630
Standard Battery



TR-326
High Durability
Leather Belt



GVP-113
Flow Indicator



L-181
Flow Indicator
Adapter

Battery Chargers / Cartridges

Cartridges



- GVP-440 HEPA Filter
- GVP-441 Organic Vapor/HE Cartridge
- GVP-442 Acid Gas/HE Cartridge
- GVP-443 Organic Vapor, Acid Gas²/HE Cartridge
- GVP-444 Ammonia/HE Cartridge
- GVP-445 Formaldehyde/HE Cartridge



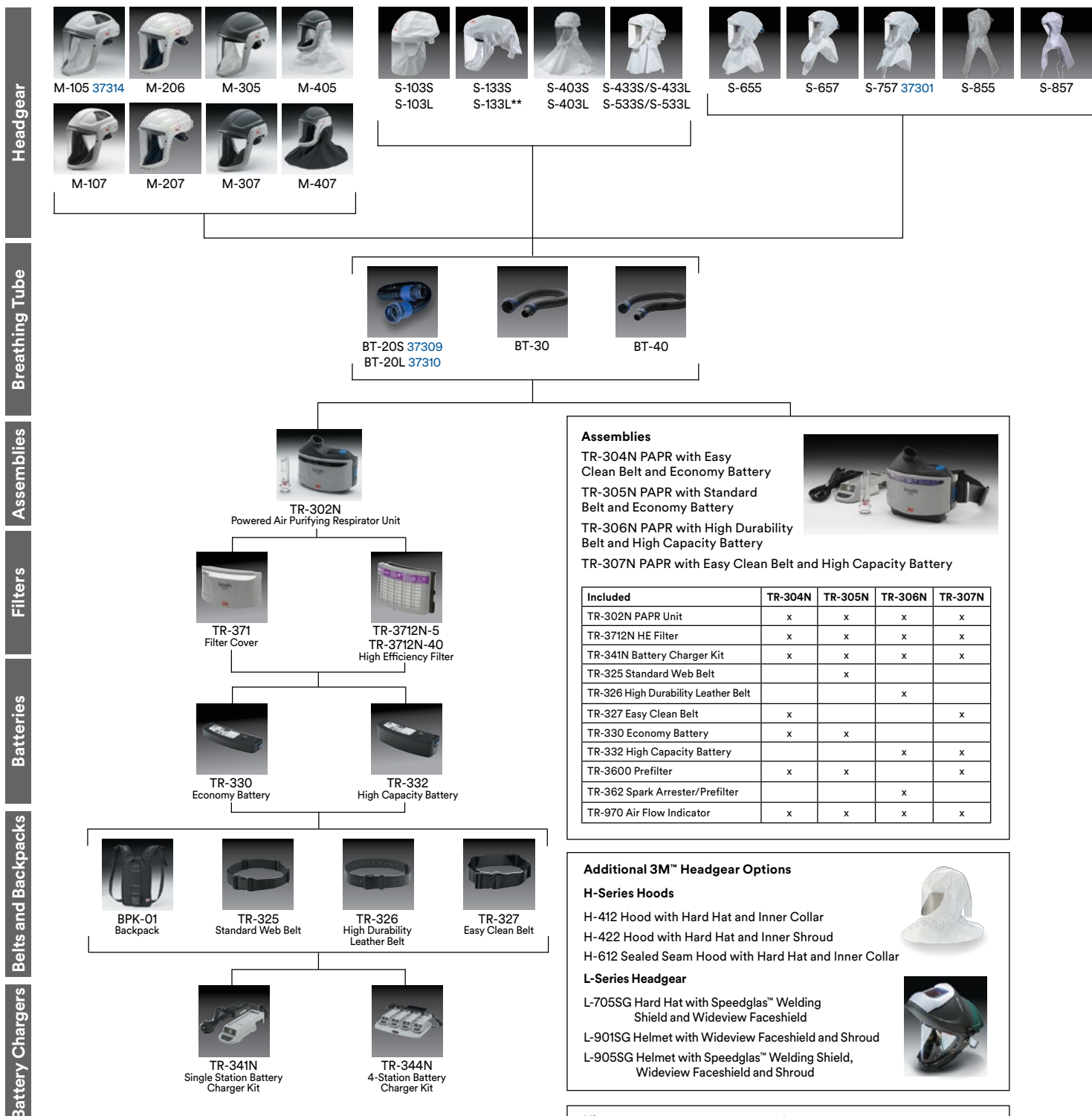
TR-641N
Single Station
Battery Charger



TR-644N
Four Station
Battery Charger

OV = NIOSH approval: Certain organic vapors.
 AG¹ = NIOSH approval: Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide or hydrogen fluoride.
 AG² = NIOSH approval: Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen fluoride and hydrogen sulfide.

3M™ Versaflo™ TR-300 Series Powered Air Powered Air Purifying Respirators (PAPR)*



Assemblies

- TR-304N PAPR with Easy Clean Belt and Economy Battery
- TR-305N PAPR with Standard Belt and Economy Battery
- TR-306N PAPR with High Durability Belt and High Capacity Battery
- TR-307N PAPR with Easy Clean Belt and High Capacity Battery

Included	TR-304N	TR-305N	TR-306N	TR-307N
TR-302N PAPR Unit	x	x	x	x
TR-3712N HE Filter	x	x	x	x
TR-341N Battery Charger Kit	x	x	x	x
TR-325 Standard Web Belt		x		
TR-326 High Durability Leather Belt			x	
TR-327 Easy Clean Belt	x			x
TR-330 Economy Battery	x	x		
TR-332 High Capacity Battery			x	x
TR-3600 Prefilter	x	x		x
TR-362 Spark Arrester/Prefilter			x	
TR-970 Air Flow Indicator	x	x	x	x

Additional 3M™ Headgear Options

H-Series Hoods

- H-412 Hood with Hard Hat and Inner Collar
- H-422 Hood with Hard Hat and Inner Shroud
- H-612 Sealed Seam Hood with Hard Hat and Inner Collar

L-Series Headgear

- L-705SG Hard Hat with Speedglas™ Welding Shield and Wideview Faceshield
- L-901SG Helmet with Wideview Faceshield and Shroud
- L-905SG Helmet with Speedglas™ Welding Shield, Wideview Faceshield and Shroud

Kits

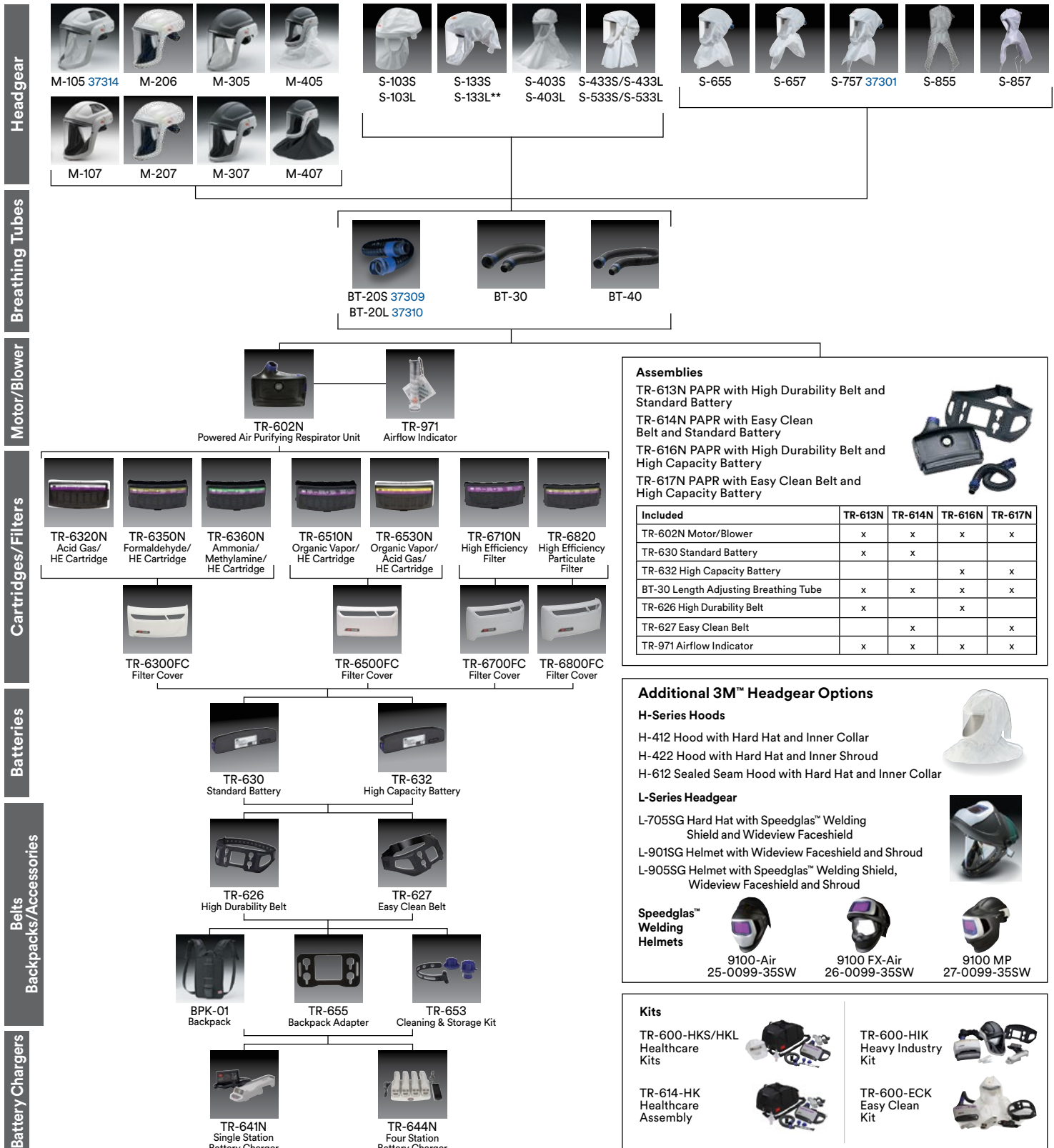
- TR-300-HKS/HKL Healthcare Kits
- TR-300-HIK Heavy Industry Kit
- TR-300-ECK Easy Clean Kit
- TR-300-LIK Light Industry Kit

*Operating Altitude approx. sea level to 2,600 ft. (800m). For altitudes above 2,600 ft., contact 3M.

**Medium/Large size comes with removable blue film covering the visor.

3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.

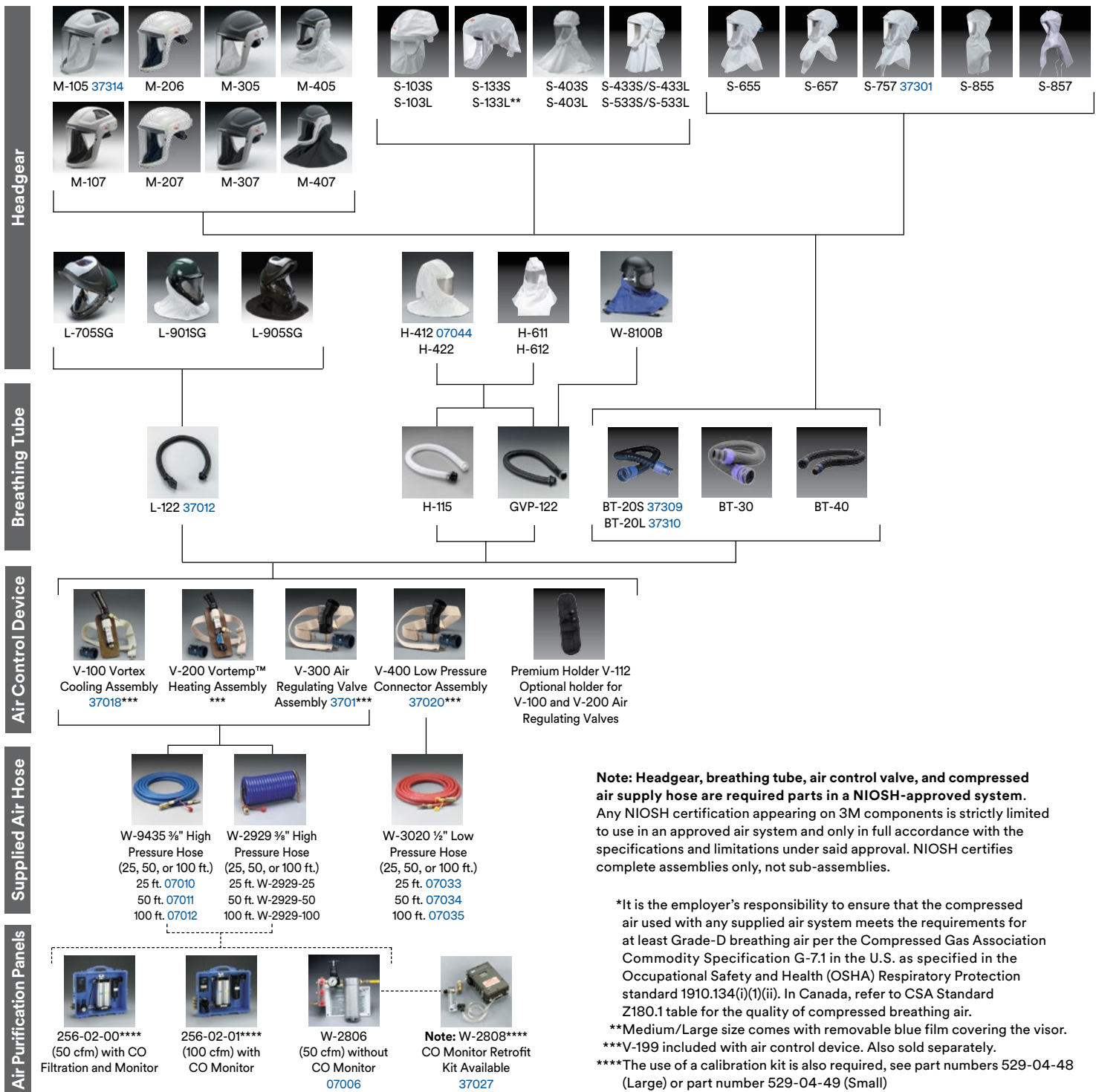
3M™ Versaflo™ TR-600 Series Powered Air Purifying Respirators (PAPR)*



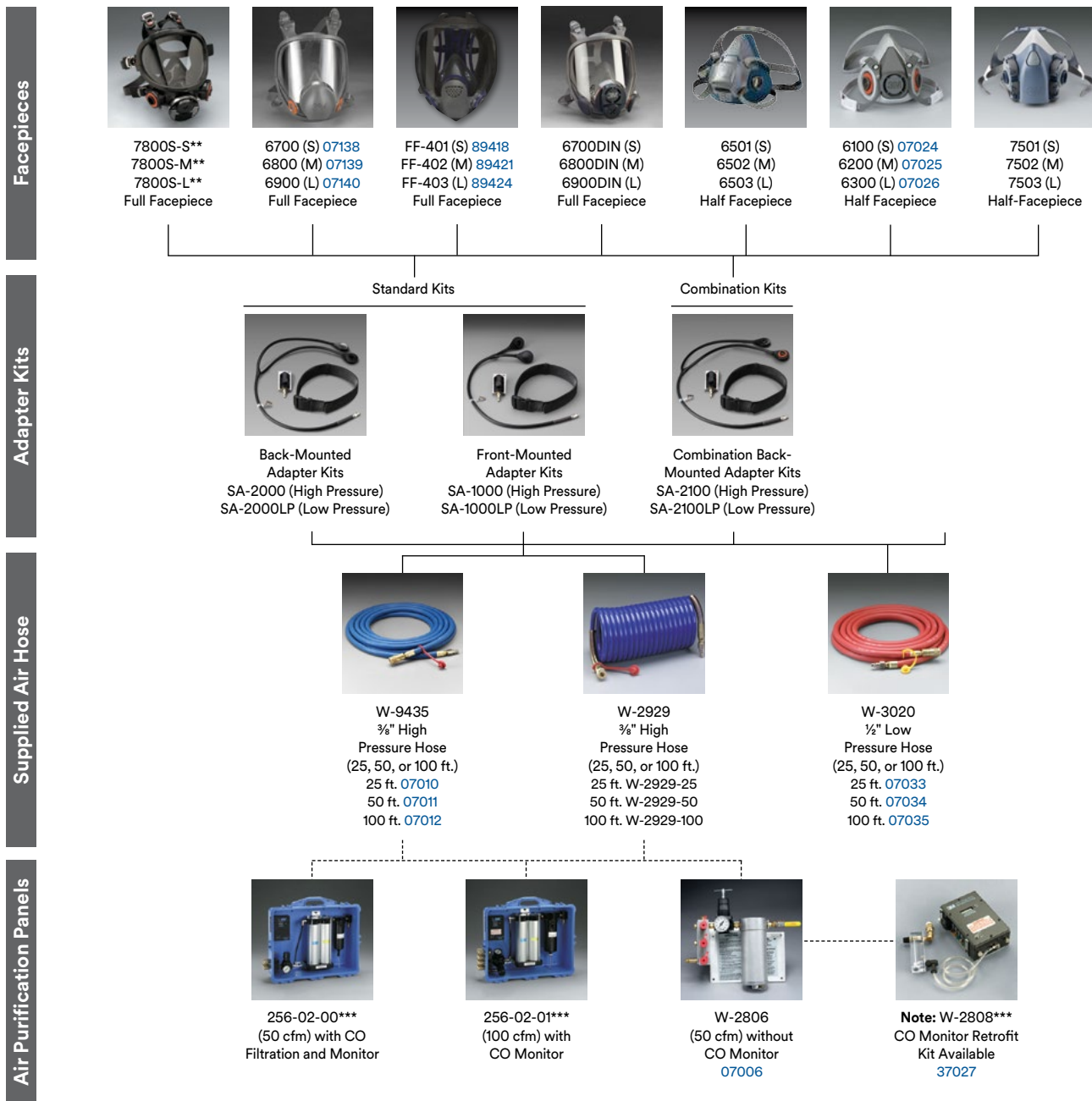
*Operating Altitude -328 to 16,404 ft. **Medium/Large size comes with removable blue film covering the visor

3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.

3M™ Versaflo™ V-Series Supplied Air* Valves



3M™ Supplied Air* Respirators



Note: Headgear, breathing tube, air control valve, and compressed air supply hose are required parts in a NIOSH-approved system. Any NIOSH certification appearing on 3M components is strictly limited to use in an approved air system and only in full accordance with the specifications and limitations under said approval. NIOSH certifies complete assemblies only, not sub-assemblies.

*It is the employer's responsibility to ensure that the compressed air used with any supplied air system meets the requirements for at least Grade-D breathing air per the Compressed Gas Association Commodity Specification G-7.1 in the U.S. as specified in the Occupational Safety and Health (OSHA) Respiratory Protection standard 1910.134(i)(1)(ii). In Canada, refer to CSA Standard Z180.1 table for the quality of compressed breathing air.

**Clip-on 3M™ Welding Shield also available.

***The use of a calibration kit is also required, see part numbers 529-04-48 (Large) or part number 529-04-49 (Small)

3M™ Full Facepiece Respirators for Powered Air and Supplied Air*

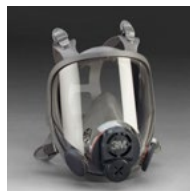
Headgear



FF-401 (S) 89418
FF-402 (M) 89421
FF-403 (L) 89424



6700 (S) 07138
6800 (M) 07139
6900 (L) 07140

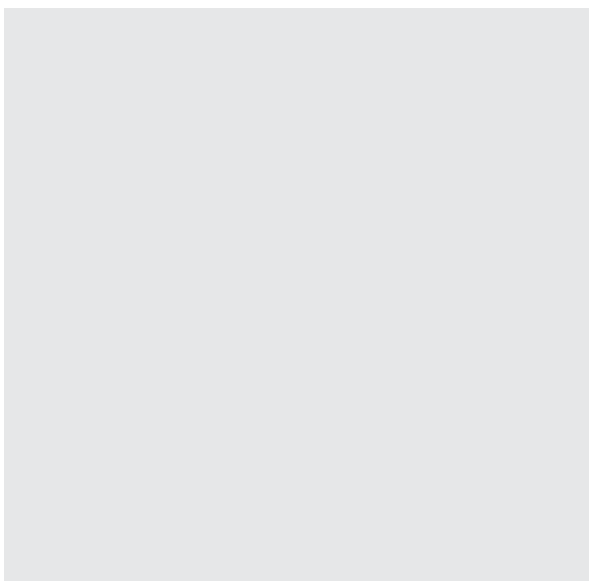


6700DIN (S)
6800DIN (M)
6900DIN (L)



7800S-S**
7800S-M**
7800S-L**

Powered Air Purifying



Powerflow™ Face-Mounted PAPR



GVP PAPR



GVP PAPR



Breathe Easy™ PAPR

Note: the BP-15 Battery is available. The BC-210 Battery Charger, which charges the BP-15 battery, is discontinued.

Supplied Air



Dual Airline
Supplied Air



Dual Airline
Supplied Air



Dual Airline
Supplied Air



Dual Airline
Supplied Air



Supplied Air



Supplied Air

* It is the employer's responsibility to ensure that the compressed air used with any supplied air system meets the requirements for at least Grade-D breathing air per the Compressed Gas Association Commodity Specification G-7.1 in the U.S. as specified in the Occupational Safety and Health (OSHA) Respiratory Protection standard 1910.134(i)(1)(ii). In Canada, refer to CSA Standard Z180.1 table for the quality of compressed breathing air.

** Clip-on 3M™ Welding Shield also available.


For more information

In U.S.

Technical Service	1-800-243-4630
Customer Care Center	1-800-328-1667
Internet	3M.com/Workersafety 3M.com/Versaflo

In Canada

Technical Service	1-800-267-4414
Customer Care	1-800-364-3577
Internet	3M.ca/safety

	<p style="text-align: center;">⚠ WARNING</p> <p>These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.</p>
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Personal Safety Division

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Web www.3M.com/workersafety
www.3M.com/versaflo

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