3M™ Versaflo™ TR-300+*
Powered Air Purifying Respirator (PAPR) with Loose Fitting Headgear

*Operating Altitude approx. Sea level to 14,100 ft. For altitudes above 14,100 ft., consider the 3M™ Versaflo™ TR-600 Series PAPR.

**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.

Discontinued end of 2019.
3M™ Versaflo™ TR-600*
Powered Air Purifying Respirator (PAPR) with Loose Fitting Headgear

See important warning on last page

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

Discontinued end of 2019.
# 3M™ Versaflo™ TR-800* Powered Air Purifying Respirator (PAPR)

## PRODUCT MATRIX

### Headgear
- M-107
- M-207
- M-307
- M-407

### Breathing Tubes
- BT-20S 37309
- BT-20L 37310

### Motor/Blower
- TR-802N

### Cartridges/Filters
- TR-6320N Acid Gas/HE Cartridge
- TR-6350N Formaldehyde/HE Cartridge
- TR-6360N Ammonia/Methyleneimines/HE Cartridge
- TR-6510N Organic Vapor/HE Cartridge
- TR-6530N Organic Vapor/Acid Gas/HE Cartridge
- TR-6550N High Efficiency Filter
- TR-6620N High Efficiency Particulate Filter

### Batteries
- TR-830 Battery, Intrinsically Safe

### Belts/Backpacks/Accessories
- TR-626 High Durability Belt
- TR-627 Easy Clean Belt
- TR-641N Single Station Battery Charger
- TR-644N Four Station Battery Charger
- TR-655 Backpack Adapter
- TR-653 Cleaning & Storage Kit
- TR-650FC Filter Cover
- TR-6700FC Filter Cover
- TR-6710N High Efficiency Filter
- TR-6820N High Efficiency Particulate Filter

### Battery Charger
- TR-800-ECK Easy Clean Kit
- TR-800-PSK Paint Spray Kit

#### Accessories for use with certain M-Series Helmets
- Radiant Heat Kit
  - M-975 Radiant Heat Cover for M-307
  - M-975 Radiant Heat Cover for M-407
  - M-967N Over-Visor Frame
  - M-967N Gold Coated Tinted Over-Visor with UV/IR Protection
  - BT-927N Breathing Tube Radiant Heat Cover
- Helmet Assembly & Replacement Parts
  - M-4075G Helmet Assembly with Shroud and Speedglas™ Welding Shield (No ADF)
  - M-409SG Helmet Assembly with Leather Shroud, Helmet Cover and Speedglas™ Welding Shield (No ADF)
  - M-465G Helmet Welding Knob and Pivot Kit
  - M-975 Helmet Cover
  - M-935G Helmet Assembly with Speedglas™ Welding Shield (No ADF Included)

### Assemblies
- TR-814N PAPR with Easy Clean Belt and Standard Battery
- TR-813N PAPR with High Durability Belt and Standard Battery

### Kits and Assemblies
- TR-800-HIK Heavy Industry Kit
- TR-800-ECK Easy Clean Kit
- TR-800-PSK Paint Spray Kit

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

**Discontinued end of 2019.**

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

See important warning on last page.
PRODUCT MATRIX

3M™ Versaflo PAPRs with Tight-Fitting Facepieces

See important warning on last page
3M™ Breathe Easy™
Powered Air Purifying Respirator (PAPR)
with NiMH BP-15 Battery

**PRODUCT MATRIX**

**Headgear**

- 6700 DIN (S)
- 6800 DIN (M)
- 6900 DIN (L)
- BE-12-3 White Reg
- BE-12-50 White Reg
- BE-12L-3 White Lg*
- BE-12L-50 White Lg*
- BE-10BR
- Hood Butyl Rubber**
- BE-10-3 White Reg
- BE-10-20 White Reg
- RE-10L-3 White Lg

**Breathing Tube**

- 520-01-77
- 520-03-32R01 (Standard, 33“)
- 520-01-08R01 (Standard, 36“)
- 520-02-94R01 (Optional, 25“)
- BE-324

**Cartridges/Filters/Canisters**

- HE (P3)
- OV/AG/HF/HE (ALP3)
- FR-57***

**Turbo PAPR Components**

- Flow Indicator
- BP-15 NiMH Battery

BP-15 battery and BC-210 charger are both discontinued and no longer available. Please see page 7 of these matrices for new battery configurations approved with certain 3M Breathe Easy systems.

*Large and Medium/Large sizes come with removable blue tissue or film covering the visor.

**BE-10BR approved with FR-57, AP3 and AEP3 ONLY

***FR-57 approved with BE-10 series, 6000 series and select S-Series hoods ONLY.

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

D Discontinued end of 2019.

See important warning on last page
**3M™ Breathe Easy™**
Powered Air Purifying Respirator (PAPR)
with BP-17IS NiCD Battery (Intrinsically Safe)*

**PRODUCT MATRIX**

<table>
<thead>
<tr>
<th>Headgear</th>
<th>Breathing Tube</th>
<th>Turbo PAPR Assembly</th>
<th>Filters</th>
<th>Battery Charger</th>
</tr>
</thead>
<tbody>
<tr>
<td>6700 DIN (S)</td>
<td>520-01-77</td>
<td>022-00-03R01</td>
<td>450-00-01R12</td>
<td>520-03-73 Single Battery Charger</td>
</tr>
<tr>
<td>6800 DIN (M)</td>
<td>520-03-32R01</td>
<td>520-02-90R01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6900 DIN (L)</td>
<td>(Standard, 33&quot;)</td>
<td>(Optional, 25&quot;)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-12-3 White Reg</td>
<td>M-107 37314</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-12-50 White Reg</td>
<td>M-206</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-12L-3 White Lg*</td>
<td>M-305</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-12L-50 White Lg*</td>
<td>M-405</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-10-3 White Reg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-10-20 White Reg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BE-10L-3 White Lg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BP-17IS*</td>
<td>BP-17IS* N1CD Battery Intrinsically Safe</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**3M™ Breathe Easy™ Powered Air Purifying Respirator (PAPR)**
with BP-17IS NiCD Battery (Intrinsically Safe)*

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

**Discontinued end of 2019.**

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*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 520-03-73 charger will no longer be available for sale in California or Oregon due to a change in battery charger regulations that affect those states.

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

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* See important warning on last page.
3M™ Breathe Easy™
Powered Air Purifying Respirator (PAPR)
With TR-630 Lithium-Ion Battery (non-CBRN)
3M™ Breathe Easy™
Powered Air Purifying Respirator (PAPR)
CBRN First Receiver System

Hoods
BE-10 Series
- Butyl Rubber BE-10BR
- RBE-BTH

Non-Rechargeable
- 022-00-03R01
- RBE-BLT
- 520-01-21 Flow Indicator
- 520-04-57R01 Lithium Non-rechargeable

Rechargeable NiMH
- 022-00-03R01
- RBE-BLT
- 520-01-21 Flow Indicator
- BP-15 NiMH Battery

Rechargeable Li-Ion
- 022-00-03R01
- RBE-BLT
- 520-01-21 Flow Indicator
- TR-659 Battery Adapter
- TR-630 Standard Battery
- TR-657 Easy Clean Holster
- TR-641N Single Station Battery Charger

RBE-600 Upgrade Kit
- TR-659 Battery Adapter
- TR-630 Standard Battery
- TR-657 Easy Clean Holster
- TR-641N Single Station Battery Charger

RBE-600 Upgrade Kit components also sold separately

*The battery included with this system, BP-15, is still available but the BC-210 Charger, which charges the BP-15 Battery, is no longer available.

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

Discontinued end of 2019.
### 3M™ GVP Powered Air Purifying Respirator (PAPR)

#### PRODUCT MATRIX

<table>
<thead>
<tr>
<th>Headgear</th>
<th>Breathing Tube</th>
<th>GVP Assembly</th>
<th>Cartridges</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-105 37314</td>
<td>M-206</td>
<td>S-103S S-103L</td>
<td>GVP-440 HEPA Filter</td>
</tr>
<tr>
<td>M-305</td>
<td>M-305</td>
<td>S-133S S-133L*</td>
<td>GVP-441 Organic Vapor/HE Cartridge</td>
</tr>
<tr>
<td>M-405</td>
<td>M-407</td>
<td>S-403S S-403L</td>
<td>GVP-442 Acid Gas/HE Cartridge</td>
</tr>
<tr>
<td>L-705SG</td>
<td>L-901SG</td>
<td>6700DIN (S) 6800DIN (M) 6900DIN (L)</td>
<td></td>
</tr>
<tr>
<td>L-905SG</td>
<td>L-905SG</td>
<td>7800S-5** 7800S-M** 7800S-L**</td>
<td></td>
</tr>
<tr>
<td>L-122 37012</td>
<td>GVP-123</td>
<td>H-412</td>
<td></td>
</tr>
<tr>
<td>GVP-122</td>
<td>H-422</td>
<td>H-611</td>
<td></td>
</tr>
<tr>
<td>GVP-123</td>
<td>H-115</td>
<td>V-199 Adapter</td>
<td></td>
</tr>
<tr>
<td>L-20S 37309</td>
<td>BT-20L 37310</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GVP-PSK2 includes all components of GVP-1, except GVP-127 Web Belt is replaced with CB-1000 Comfort Belt.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paint Spray Kit GVP-PSK2 37335</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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 9th 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 Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.

Discontinued end of 2019.

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See important warning on last page
3M™ GVP
Powered Air Purifying Respirator (PAPR)
with TR-630 Lithium-Ion Battery

PRODUCT MATRIX

Headgear
- M-305
- M-307
- M-405
- M-407
- M-407SG
- M-409SG

Breathing Tube
- BT-20S 37209
- BT-20L 37210
- BT-30
- BT-40

For customers with existing GVP systems
- 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
- V-199 Adapter
- GVP-443 Organic Vapor, Acid Gas/HE Cartridge
- GVP-113 Flow Indicator

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

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

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

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

D Discontinued end of 2019.

See important warning on last page
3M™ Versaflo™ V-Series Supplied Air* Valves
For Loose Fitting Headgear

PRODUCT MATRIX

- **Headgear**
  - M-107
  - M-207
  - M-307
  - M-407

- **Breathing Tube**
  - GVP-122
  - BT-205 37309
  - BT-30
  - BT-40

- **Air Control Device**
  - V-100 Vortex Cooling Assembly 37018***
  - V-200 Vortemp™ Heating Assembly ***
  - V-300 Air Regulating Valve Assembly 3701***
  - V-400 Low Pressure Connector Assembly ***
  - Premium Holder V-112

- **Supplied Air Hose**
  - W-2806 (50 cfm) without CO Monitor 07006
  - W-9435 ¾” High Pressure Hose
    - 25 ft. 07010
    - 50 ft. 07011
    - 100 ft. 07012
  - W-2929 ¾” High Pressure Hose
    - 25 ft. W-2929-25
    - 50 ft. W-2929-50
    - 100 ft. W-2929-100
  - W-3020 ¾” Low Pressure Hose
    - 25 ft. 07033
    - 50 ft. 07034
    - 100 ft. 07035

**Accessories for use with certain M-Series Helmets**

- **Radiant Heat Kit**
  - M-973 Radiant Heat Cover for M-307
  - M-975 Radiant Heat Cover for M-407
  - M-961N Over-Visor Frame
  - M-967N Gold Coated Tinted Over-Visor with UV/IR Protection
  - BT-927N Breathing Tube Radiant Heat Cover

- **Helmet Assembly & Replacement Parts**
  - M-407SG Helmet Assembly with Shroud and Speedglas™ Welding Shield (No ADF)
  - M-409SG Helmet Assembly with Leather Shroud, Helmet Cover and Speedglas™ Welding Shield (No ADF)
  - M-146SG Helmet Welding Knob and Pivot Kit
  - M-978 Helmet Cover
  - M-103SG Helmet Assembly with Speedglas™ Welding Shield (No ADF Included)

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)(ii). In Canada, refer to CSA Standard Z180.1 for the quality of compressed breathing air.

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

***V-199 included with air control device. Also sold separately.

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

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

Discontinued end of 2019.
Discontinued PAPR

3M™ Air-Mate™ has been discontinued, replacement parts available as supplies last.

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

- AMH-1U
  - Discontinued
  - Includes:
    - Air-Mate™ PAPR Unit 520-03-63R01
    - Battery Pack 007-00-15R01
    - HE Filter 451-02-01R01
    - Airflow Indicator 021-14-001R01
    - Waist Belt Nylon 021-41-02R01
    - Airflow Indicator 021-14-001R01

- 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 021-14-001R01

- 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.

HEPA PAPR Assembly

- AMH-12U Kit
  - AMH-12U
    - Discontinued
    - 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

  ** 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.

Battery Charger

- ** Single Battery Charger 520-03-73
- ** Five Battery Charger 520-03-72
- ** External Battery Charger Assembly 520-04-24

*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.

See important warning on last page
**PRODUCT MATRIX**

3M™ Supplied Air* Respirators

### Facepieces
- 7800S-S**
- 7800S-M**
- 7800S-L**
- Full Facepiece

### Adapter Kits
- Back-Mounted Adapter Kits
  - SA-2000 (High Pressure)
  - SA-2000LP (Low Pressure)
- Front-Mounted Adapter Kits
  - SA-1000 (High Pressure)
  - SA-1000LP (Low Pressure)
- Combination Back-Mounted Adapter Kits
  - SA-2100 (High Pressure)
  - SA-2100LP (Low Pressure)

### Supplied Air Hose
- W-9435
  - 1/4" High Pressure Hose
  - (25, 50, or 100 ft.)
  - 25 ft. 07010
  - 50 ft. 07011
  - 100 ft. 07012
- W-2929
  - 1/4" High Pressure Hose
  - (25, 50, or 100 ft.)
  - 25 ft. W-2929-25
  - 50 ft. W-2929-50
  - 100 ft. W-2929-100
- W-3020
  - 1/4" Low Pressure Hose
  - (25, 50, or 100 ft.)
  - 25 ft. 07033
  - 50 ft. 07034
  - 100 ft. 07035

### Air Purification Panels
- 256-02-00***
  - (50 cfm) with CO Filtration and Monitor
- 256-02-01***
  - (100 cfm) with CO Monitor
- W-2806
  - (50 cfm) without CO Monitor
  - 07006
- W-2808***
  - CO Monitor Retrofit Kit Available

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

See important warning on last page
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. Improper use may result in injury, sickness or death. For correct use, see supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.