### 3M™ Air-Mate™
**Powered Air Purifying Respirator (PAPR)**

#### PRODUCT MATRIX

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<tr>
<th>Headgear</th>
<th>Hood</th>
<th>Battery Charger</th>
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<td>BE-12 Series</td>
<td>BE-10 Series</td>
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<tr>
<td>BE-12-3 White Reg</td>
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<td>BE-12L-3 White Lg*</td>
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<td><strong>520-03-72</strong> Five Battery Charger</td>
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<td><strong>AMH-1U Kit</strong></td>
<td><strong>231-01-30</strong> Includes:</td>
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<td><strong>AMH-12U Kit</strong></td>
<td><strong>231-01-30U</strong> Includes:</td>
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</tr>
</tbody>
</table>

- **AMH-1U** Discontinued
- **AMH-12U** Discontinued

**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** 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.

**520-03-73** Single Battery Charger

**520-04-24** External Battery Charger Assembly

- **231-01-30** 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.

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*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
3M™ Breathe Easy™
Powered Air Purifying Respirator (PAPR)
with NiMH BP-15 Battery

Footnotes:
* 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.

1 Chlorine, hydrogen chloride and sulfur dioxide.
2 Ammonia/methylamine.
3 Sulfur dioxide.
3M™ Breathe Easy™
Powered Air Purifying Respirator (PAPR)
with BP-17IS NiCD Battery (Intrinsically Safe)*

Headgear
6700 DIN (S)
6800 DIN (M)
6900 DIN (L)
BE-12-3 White Reg
BE-12-50 White Reg
BE-92L-3 White Lg*
BE-15L-30 White Lg**

M-105
M-305
M-405

S-103S
S-133S
S-403S
S-433S/S-433L
S-533L/S-533L
S-855
S-857

Breathing Tube
520-01-77
520-03-22R01
(Standard, 33")
520-01-00R01
(Standard, 36")
520-02-94R01
(Optional, 25")
BE-324

Breathe Easy™ Turbo PAPR Assembly, IS*
520-17-00

Flow Indicator
520-01-21

BP-17IS*
NiCD Battery
Intrinsically Safe

Filter
450-00-01R12
HE (P3)

Filters

Battery Charger
Single Battery Charger
520-03-73

Five Battery Charger
520-03-72

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

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

Footnotes:
*See NIOSH Approval Label for additional belt options.

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

See important warning on last page
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

Cartridges
RBE-57

Systems
RBE-L10 System
RBE-NM10 System*
RBE-10BR System

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

Non-Rechargeable
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 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.

See important warning on last page
3M™ GVP
Powered Air Purifying Respirator (PAPR)

<table>
<thead>
<tr>
<th>Cartridges</th>
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<tbody>
<tr>
<td>GVP-440   HEPA Filter</td>
</tr>
<tr>
<td>GVP-441   Organic Vapor/HE Cartridge</td>
</tr>
<tr>
<td>GVP-442   Acid Gas/HE Cartridge</td>
</tr>
<tr>
<td>GVP-443   Organic Vapor, Acid Gas/HE Cartridge</td>
</tr>
<tr>
<td>GVP-444   Ammonia/HE Cartridge</td>
</tr>
<tr>
<td>GVP-445   Formaldehyde/HE Cartridge</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 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, chlorinated dioxide or hydrogen fluoride.
AG2 = NIOSH approval: Chlorine, hydrogen chloride, sulfur dioxide, chlorinated dioxide, hydrogen fluoride and hydrogen sulfide.

3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.
3M™ GVP
Powered Air Purifying Respirator (PAPR)
with TR-630 Lithium-Ion Battery

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
TR-326 High Durability Leather Belt

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

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.

See important warning on last page
3M™ Versaflo™ TR-300*
Powered Air Purifying Respirator (PAPR)

*Operating Altitude approx. sea level to 2,600 ft. (800m). For altitudes above 2,600 ft., consider the 3M™ Versaflo™ TR-600 Series PAPR.
**Medium/Large size comes with removable blue film covering the visor.
†Large size comes with removable blue film covering the visor.

PRODUCT MATRIX

**Headgear**
- M-105
- M-206
- M-305
- M-405
- M-107
- M-207
- M-307
- M-407

**Breathing Tube**
- BT-20S
- BT-20L
- 37309
- 37310

**Motor/Blower**
- TR-302N
- TR-305N
- TR-306N
- TR-307N

**Filter**
- TR-372N-5

**Battery**
- TR-330
- TR-332

**Belts and Backpacks**
- BPK-01
- TR-325
- TR-326
- TR-327

**Battery Chargers**
- TR-341N
- TR-344N

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

**Included TR-300N TR-305N TR-306N TR-307N**

**TR-302N PAPR Unit x x x x**
**TR-372N HE Filter x x x x**
**TR-341N Battery Charger Kit x x x**
**TR-325 Standard Web Belt x**
**TR-326 High Durability Leather Belt x x**
**TR-330 Economy Battery x x**
**TR-332 High Capacity Battery x x**
**TR-3600 Prefilter x x x**
**TR-970 Air Flow Indicator x x x x**

**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**

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

See important warning on last page
**3M™ Versaflo™ TR-300+**

Powered Air Purifying Respirator (PAPR)

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**Headgear**

- M-105 37314
- M-206
- M-305
- M-405
- M-107
- M-207
- M-307
- M-407

**Breathing Tube**

- BT-20S 37309
- BT-20L 37310
- BT-30
- BT-40

**Motor/Blower**

- TR-302N+ Powered Air Purifying Respirator Unit
- TR-372N-6 High Efficiency Filter

**Filters**

- TR-330 Economy Battery
- TR-332 High Capacity Battery

**Battery/Chargers**

- TR-341N Single Station Battery Charger Kit
- TR-344N 4-Station Battery Charger Kit

**Batteries**

- TR-300N+ ECK Easy Clean Kit
- TR-300N+ HIK Heavy Industry Kit

**Backpacks**

- BPK-01 Backpack

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

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*Operating Altitude -100m (-328 ft) to 4300m (14,107 ft).

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

†Large size comes with removable blue film covering the visor.

See important warning on last page
See important warning on last page

### PRODUCT MATRIX

#### 3M™ Versaflo™ TR-600* Powered Air Purifying Respirator (PAPR)

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<th>Assemblies</th>
<th>TR-613N PAPR with High Durability Belt and Standard Battery</th>
<th>TR-614N PAPR with Easy Clean Belt and Standard Battery</th>
<th>TR-616N PAPR with High Durability Belt and High Capacity Battery</th>
<th>TR-617N PAPR with Easy Clean Belt and High Capacity Battery</th>
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<tbody>
<tr>
<td>Included</td>
<td>TR-602N Motor/Blower</td>
<td>TR-630 Standard Battery</td>
<td>TR-632 High Capacity Battery</td>
<td>TR-620 Easy Clean Belt</td>
</tr>
<tr>
<td></td>
<td>TR-971 Airflow Indicator</td>
<td>TR-802 Standard Battery</td>
<td>BT-30 Length Adjusting Breathing Tube</td>
<td>TR-971 Airflow Indicator</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BT-626 High Durability Belt</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>BT-627 Easy Clean Belt</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>TR-671 Airflow Indicator</td>
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</tr>
</tbody>
</table>

#### 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

**Speedglas™ Welding Helmets**
- 9100-Air 25-0099-35SW
- 9100 FX-Air 26-0099-35SW
- 9100 MP 27-0099-35SW

**Kits and Assemblies**
- TR-600-HKS/HKL Healthcare Kits
- TR-600-HIK Heavy Industry Kit
- TR-614-HK Healthcare Assembly
- TR-600-ECK Easy Clean Kit

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*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.

3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.
3M™ Versaflo™ TR-800*
Powered Air Purifying Respirator (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.

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

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

**Headgear**
- M-105 37314
- M-206
- M-305
- M-405

**Breathing Tube**
- L-7055G
- L-9015G
- L-9055G

**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

**Supplied Air Hose**
- W-9435 ½" High Pressure Hose (25, 50, or 100 ft.)
  - 25 ft. 07010
  - 50 ft. 07011
  - 100 ft. 07012
- W-2929 ½" High Pressure Hose (25, 50, or 100 ft.)
  - 25 ft. 07029-25
  - 50 ft. 07029-50
  - 100 ft. 07029-100
- W-3020 ½" Low Pressure Hose (25, 50, or 100 ft.)
  - 25 ft. 07003
  - 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

**Premium Holder V-112**
- Optional holder for V-100 and V-200 Air Regulating Valves
- W-8100B Discontinued

**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.

**Note:** 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 S29-04-48 (Large) or part number S29-04-49 (Small)

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

See important warning on last page
3M™ Supplied Air* Respirators

Facepieces
- 7800S**
- 7800S-M**
- 7800S-L**
  Full Facepiece
- 6700 (S) 07138
- 6800 (M) 07139
- 6900 (L) 07140
  Full Facepiece
- FF-401 (S) 89418
- FF-402 (M) 89421
- FF-403 (L) 89424
  Full Facepiece
- 6700DIN (S) 6800DIN (M)
- 6900DIN (L)
  Full Facepiece
- 6501 (S) 6502 (M)
- 6503 (L)
  Half Facepiece
- 6100 (S) 07024
- 6200 (M) 07025
- 6300 (L) 07026
  Half Facepiece
- 7501 (S) 7502 (M)
- 7503 (L)
  Half-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
  ¼" High Pressure Hose
  (25, 50, or 100 ft.)
  25 ft. 07010
  50 ft. 07011
  100 ft. 07012
- W-2929
  ¼" 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
  ½" 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
  07005
- W-2806
  Note: W-280B***
  CO Monitor Retrofit Kit Available 37027

* 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.

** 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)

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.

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

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

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)
- 78006-S**
- 78006-M**
- 78006-L**

**Powered Air Purifying**
- Powerflow™ Face-Mounted PAPR
- GVP PAPR
- GVP PAPR
- Breathe Easy™ PAPR

**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.**

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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.

**WARNING**

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.