Respiratory Protection
Pressure Demand Supplied Air Respirator (PD-SAR)
Ordering a PD-SAR System is easy and customizable
Choose from each of the following sections 1, 2, and 3

1 Choose System (Non-Escape, Escape or Escape with Harness)

**PANTHER SERIES, MASK MOUNTED REGULATOR, NON-ESCAPE (NO COUPLING)**

- P968448 No Facepiece
- P968446 Small TwentyTwenty Plus Full Facepiece
- P968445 Medium TwentyTwenty Plus Full Facepiece
- P968447 Large TwentyTwenty Plus Full Facepiece
- P968437 Medium Classic Full Facepiece (Black) with P100 Escape for Welding

**Alternate Facepiece Options**

To order with alternate facepiece type (PUMA Hood, 20/20+ with Hydration, or Classic Black), select system without facepiece (P968448) and add facepiece selection from the list below.

- 252022 TwentyTwenty Plus Silicone, Medium, 5-pt. Strap
- 252026 TwentyTwenty Plus Silicone, Medium, Headnet
- 968416 Classic Black, Standard, 5-Pt. Strap
- 968006 PUMA Hood, Medium

Additional sizes available

**PANTHER HIP-PAC SERIES, WITH EMERGENCY ESCAPE (NO COUPLING)**

**Kevlar Harness with Medium TwentyTwenty Plus Full Facepiece**

- P968455 Panther Hip-Pac, with 5-Minute Escape, 2216 psig Aluminum, with Quick-Disconnect
- P968457 Panther Hip-Pac, with 5-Minute Escape 2216 psig Aluminum, without Quick-Disconnect
- P968475 Panther Hip-Pac, with 10-Minute Escape, 3000 psig Aluminum, with Quick-Disconnect
- P968477 Panther Hip-Pac, with 10-Minute Escape, 3000 psig Aluminum, without Quick-Disconnect
- P968605* Panther Hip-Pac, with 10-Minute Escape, 4500 psig, Fully Wrapped Carbon, with Quick-Disconnect
- P968615** Panther Hip-Pac, with 10-Minute Escape, 4500 psig, Fully Wrapped Carbon, with Quick-Disconnect, COMPASS Integrated PASS Device, Buddy Breather
- P968500 Panther Hip-Pac, with 15-Minute Escape, 3000 psig, Hoop-Wrapped Fiberglass, with Quick-Disconnect

**Kevlar Harness without Facepiece**

- P968410 Panther Hip-Pac, with 5-Minute Escape, 2216 psig Aluminum, with Quick-Disconnect
- P968411 Panther Hip-Pac, with 10-Minute Escape, 3000 psig Aluminum, with Quick-Disconnect
- P968510 Panther Hip-Pac, with 15-Minute Escape, 3000 psig, Hoop-Wrapped Fiberglass, with Quick-Disconnect

**Nylon Harness with Medium TwentyTwenty Plus Full Facepiece**

- P968412 Hip-Pac, with 5-Minute Escape, 2216 psig aluminum, with Quick-Disconnect
- P968414 Hip-Pac, with 10-minute Escape, 3000 psig aluminum, with Quick-Disconnect

**Nylon Harness without Facepiece**

- P968413 Hip-Pac, with 5-Minute Escape, 2216 psig aluminum, without Quick-Disconnect
- P968415 Hip-Pac, with 10-minute Escape, 3000 psig aluminum, with Quick-Disconnect

**Alternate Facepiece Options**

To order with alternate facepiece type (PUMA Hood, 20/20+ with Hydration, or Classic Black), select system without facepiece AND add facepiece selection listed above.

*NOTE: Classic Black facepiece available ONLY with Kevlar Harness.*

*High Pressure
**High Pressure w/ PASS (Personal Alert Safety System)
Choose Airline Hose

Maximum 3 lengths of hose in-line or 300 feet

**Lightweight 3/8” Hose**
- 930801 25-Foot Hose without Couplings
- 930802 50-Foot Hose without Couplings
- 930804 100-Foot Hose without Couplings

**High Performance 3/8” Hose**
- 930870 10-Foot Hose without Couplings
- 930861 25-Foot Hose without Couplings
- 930862 50-Foot Hose without Couplings
- 930864 100-Foot Hose without Couplings

**SAR Protection where both Fall and Respiratory protection are required**
- 963106 5-Minute Class 3 Hip-Pac Small/Medium
- 963107 5-Minute Class 3 Hip-Pac Universal
- 963108 5-Minute Class 3 Hip-Pac XXL/XXXL
- 963103 10-Minute Class 3 Hip-Pac Small/Medium
- 963104 10-Minute Class 3 Hip-Pac Universal
- 963105 10-Minute Class 3 Hip-Pac XXL/XXXL
- 963100 15-Minute Class 3 Hip-Pac Small/Medium
- 963101 15-Minute Class 3 Hip-Pac Universal
- 963102 15-Minute Class 3 Hip-Pac XXL/XXXL
- 963078 Replacement Harness Small/Medium
- 969173 Replacement Harness Universal
- 963079 Replacement Harness XXL/XXXL

**Emergency Escape with Fall Protection**
- TwentyTwenty Plus Facepiece
  - Comfortable, good visibility and same facepiece as industrial SCBAs
- Miller-designed harness is certified as a Class 3 fall protection harness
  - Approved for respiratory and fall protection applications
- Protex against high heat and flashover
- Lightweight harness
  - Comfortable, ease of use and maneuverability

**Full-Body Harness Sizing Chart**

<table>
<thead>
<tr>
<th>Height (ft)</th>
<th>Weight (lbs)</th>
<th>Universal Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'4&quot;</td>
<td>110-120</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'6&quot;</td>
<td>120-130</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'8&quot;</td>
<td>130-150</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'10&quot;</td>
<td>150-170</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'12&quot;</td>
<td>170-190</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'14&quot;</td>
<td>190-210</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'16&quot;</td>
<td>210-230</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'18&quot;</td>
<td>230-250</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'20&quot;</td>
<td>250-270</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'22&quot;</td>
<td>270-290</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'24&quot;</td>
<td>290-310</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'26&quot;</td>
<td>310-330</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'28&quot;</td>
<td>330-350</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'30&quot;</td>
<td>350-370</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'32&quot;</td>
<td>370-390</td>
<td>60 Medium</td>
</tr>
<tr>
<td>5'34&quot;</td>
<td>390-400</td>
<td>60 Medium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height (ft)</th>
<th>Weight (lbs)</th>
<th>Most Popular Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'4&quot;</td>
<td>110-120</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'6&quot;</td>
<td>120-130</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'8&quot;</td>
<td>130-150</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'10&quot;</td>
<td>150-170</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'12&quot;</td>
<td>170-190</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'14&quot;</td>
<td>190-210</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'16&quot;</td>
<td>210-230</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'18&quot;</td>
<td>230-250</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'20&quot;</td>
<td>250-270</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'22&quot;</td>
<td>270-290</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'24&quot;</td>
<td>290-310</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'26&quot;</td>
<td>310-330</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'28&quot;</td>
<td>330-350</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'30&quot;</td>
<td>350-370</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'32&quot;</td>
<td>370-390</td>
<td>MEDIUM</td>
</tr>
<tr>
<td>5'34&quot;</td>
<td>390-400</td>
<td>MEDIUM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height (ft)</th>
<th>Weight (lbs)</th>
<th>XXL/XXXL</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'4&quot;</td>
<td>110-120</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'6&quot;</td>
<td>120-130</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'8&quot;</td>
<td>130-150</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'10&quot;</td>
<td>150-170</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'12&quot;</td>
<td>170-190</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'14&quot;</td>
<td>190-210</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'16&quot;</td>
<td>210-230</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'18&quot;</td>
<td>230-250</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'20&quot;</td>
<td>250-270</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'22&quot;</td>
<td>270-290</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'24&quot;</td>
<td>290-310</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'26&quot;</td>
<td>310-330</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'28&quot;</td>
<td>330-350</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'30&quot;</td>
<td>350-370</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'32&quot;</td>
<td>370-390</td>
<td>XXL/XXXL</td>
</tr>
<tr>
<td>5'34&quot;</td>
<td>390-400</td>
<td>XXL/XXXL</td>
</tr>
</tbody>
</table>
Upgrade Kits
Panther Series, Pressure Demand SAR and Hip-Pac Upgrade Kits
A 1997-style Panther SCBA can easily be converted to a Hip-Pac by using the SCBA facepiece and second stage regulator with one of the below upgrade kits.
P968452 Panther 5-Minute SCBA Conversion Kit (Hip-Pac without Facepiece and Regulator, with Quick-Disconnect), No Coupling
P968472 Panther 10-Minute SCBA Conversion Kit (Hip-Pac Aluminum Cylinder, without Facepiece and Regulator, with Quick-Disconnect), No Coupling
P968540 Panther 15-Minute SCBA Conversion Kit (Hip-Pac, without Facepiece and Regulator, with Quick-Disconnect), No Coupling
NOTE: Sperian hoses and couplings must be ordered separately.

Conversion Kits
Panther Series, Pressure Demand SAR and Hip-Pac Conversion Kits
Current Non-Escape PD-SAR systems can be converted to Escape systems easily using the below conversion kits. (Conversion must be performed by a Honeywell-certified technicians).
P968453 Panther 5-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968473 Panther 10-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)
P968535 Panther 15-Minute SAR Upgrade Kit (to Convert Pressure Demand SAR to Hip-Pac)

Conversion Kits for XL-Style Hip-Pacs to Panther Hip-Pacs
P968454 Panther Hip-Pac without Cylinder, with Quick-Disconnect, No Coupling
P968459 Panther Hip-Pac without Cylinder, without Quick-Disconnect, No Coupling

Cylinders
Spare Hip-Pac Cylinders
975081 Spare Cylinder (2216 psig, Aluminum), 5-Minute
975154 Spare Cylinder (3000 psig, Aluminum), 10-Minute
917250 Spare Cylinder (4500 psig, Fully Wrapped Carbon), 10-Minute
968513 Spare Cylinder (3000 psig, Hoop-Wrapped Fiberglass), 15-Minute

Communication Systems
• Panther PD-SAR and Hip Pacs are approved with Sperian communication systems.
• Voice Amplification System (VAS) offers clear, local vicinity and person-to-person communication.
• Radio Communication System (RCS) Communication via radio to facepiece is clear and distortion free.

Ordering Information
Installed Communication Systems
X964332 Voice Amplification System
X964331 Radio Communication System (Interface Cable sold separately)
X964333 Combo Voice Amplification with Radio Communications

Order one coupling kit for each hose length and one extra set:
male plug for respirator and female for air supply source
930810 Foster Kit (1 Each, Male and Female)
930424 Foster Coupling
930429 Foster Plug
930820 Schrader Kit (1 Each, Male and Female)
930437 Schrader Coupling
930433 Schrader Plug
930830 Hansen Kit (1 Each, Male and Female)
930465 Hansen Coupling
930466 Hansen Plug
945007 Hansen Kit – Stainless Steel (1 ea., Male and Female)
945010 Hansen Stainless Steel Coupling

Choose Airline Couplings
Order one coupling kit for each hose length and one extra set:
male plug for respirator and female for air supply source

See page 3 for additional information.
Honeywell Panther™ PD-SARs and Hip-Pacs provide the highest level of interchangeability, protection and ease of operation.

- Full facepiece PD-SARs offer the simplicity and reliability of Panther mask-mounted regulators.
- Hip-Pacs enhance protection in environments immediately dangerous to life or health (IDLH), with 5-, 10-, or 15-minute escape cylinder.
- Panther PD-SARs and Hip-Pacs provide significant cost savings and convenience as part of fully interchangeable respirator systems.
- Hip-Pacs available with Miller® Fall Protection Class III full body harness where both fall and respiratory protection are required.

**Features and Benefits**

- **Kevlar/Nomex harness with padded cylinder support and shoulder strap on Hip-Pacs**
  - Comfortable and easy to don; ideal for high heat applications

- **Economy Nylon Harness with belt cylinder holder**
  - Easy decontamination and cleaning

- **TwentyTwenty® Plus silicone facepiece (available with 5-point strap or headnet)**
  - Comfortable, good visibility and same facepiece as industrial SCBAs

- **20-20 TwentyTwenty® Plus silicone facepiece with integrated Hydration Tube**
  - Stay hydrated when working long term in particular environments and accessories
  - Canteen not available through Honeywell

- **Same second stage regulator as the Cougar™ and Panther™ SCBA**
  - Reliable, proven and simple to use

- **5-, 10- and 15-minute escape cylinders with optional second stage quick-disconnect**
  - Based on application and escape time needed

- **Available with PUMA™ Hood**
  - Fits comfort and needs of user; eliminates need for spectacles kit; fits most facial types that cannot pass full facepiece fit test

- **Available with Classic Black facepiece with P100 filters**
  - Comfortable and durable facepiece to use for welding applications; welding lens and accessories (shown here) must be ordered separately
  - NIOSH-approved for use with Kevlar harness only

**Facepiece Options**

**NEW**

- **Available with TwentyTwenty Plus with integrated Hydration Tube**
  - Stay hydrated when working long term in particular environments and accessories
  - Canteen not available through Honeywell
Lead them to safety – Build an enduring culture of safety where employees make safe choices on their own:
www.honeywellsafety.com/culture