



## 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)

Non-Escape

### Panther Series, Mask Mounted Regulator, Non-Escape (No Coupling) [ GRAINGER PART NUMBER ]

Item Number	Description
P968448 [*]	No Facepiece
P968446 [*]	Small TwentyTwenty Plus Full Facepiece
P968445 [22RP30]	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.

### Facepieces [ GRAINGER PART NUMBER ]

Item Number	Description
252022 [*]	TwentyTwenty Plus Silicone, Medium, 5-pt. Strap
212022 [44ZU46]	TwentyTwenty Plus Silicone, Medium, 5-pt. Strap, Hydration
252026 [45VH90]	TwentyTwenty Plus Silicone, Medium, Headnet
968416 [*]	Classic Black, Standard, 5-Pt. Strap
968006 [3PRH9]	PUMA Hood, Medium. Additional sizes available



Emergency Escape

### Panther Hip-Pac Series, with Emergency Escape (No Coupling) [ GRAINGER PART NUMBER ]

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

Item Number	Description
P968455 [52WT13]	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 [22RP31]	Panther Hip-Pac, with 10-Minute Escape, 3000 psig Aluminum, with Quick-Disconnect
P968477 [4KEL8]	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 with Medium TwentyTwenty Plus Full Facepiece

P968410 [115M47]	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 [45VH79]	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 [45VH80]	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)

**SAR Protection where both Fall and Respiratory protection are required**  
 [ GRAINGER PART NUMBER ]

963106 [ * ]	5-Minute Class 3 Hip-Pac	Small / Medium
963107 [ 45VH77 ]	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 [ 45VH78 ]	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

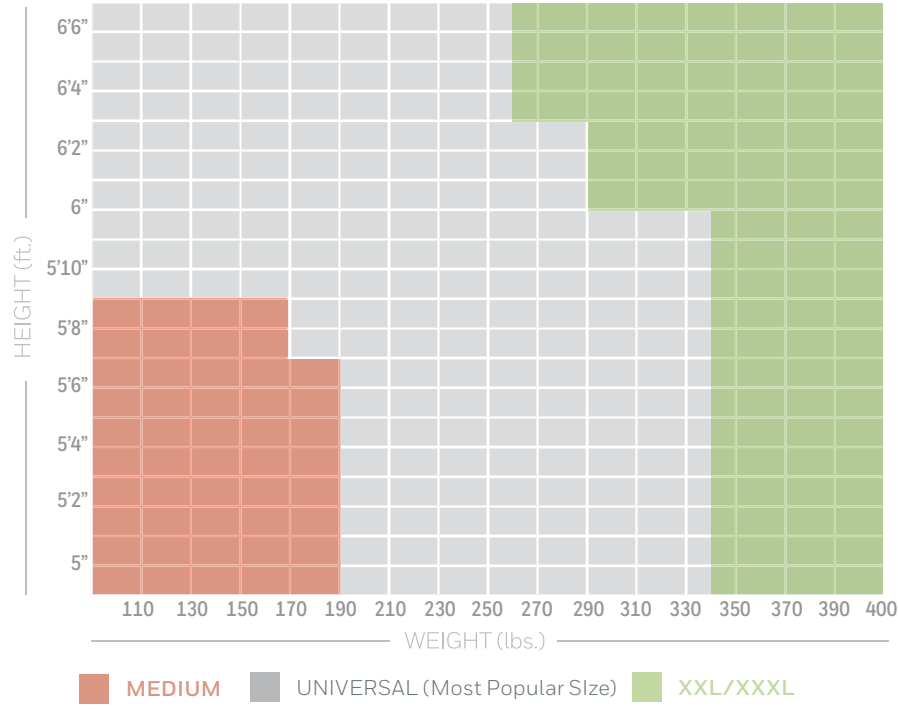


Front View

Rear View

- F** TwentyTwenty Plus Facepiece
- B** Comfortable, good visibility and same facepiece as industrial SCBAs
- F** Size options available
- B** Small/Medium, Universal, XXL/XXXL
- F** Miller-designed harness is certified as a Class 3 fall protection harness
- B** Approved for respiratory and fall protection applications
- F** Constructed of blue, flame retardant Nomex® webbing
- B** Protects against high heat and flashover
- F** Lightweight harness
- B** Comfortable, ease of use and maneuverability

**Full-Body Harness Sizing Chart**



**2 Choose Airline Hose**

**Maximum 3 lengths of hose in-line or 300 feet**

**Lightweight 3/8" Hose [ GRAINGER PART NUMBER ]**

Item Number	Description
930801 [ * ]	25-Foot Hose without Couplings
930802 [ * ]	50-Foot Hose without Couplings
930804 [ * ]	100-Foot Hose without Couplings

**High Performance 3/8" Hose [ GRAINGER PART NUMBER ]**

Item Number	Description
930870 [ * ]	10-Foot Hose without Couplings
930861 [ * ]	25-Foot Hose without Couplings
930862 [ 2HZE5 ]	50-Foot Hose without Couplings
930864 [ 58RP94 ]	100-Foot Hose without Couplings



930870

[ \* ] Items available through Grainger Sourcing only.

### 3 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.

#### Couplings [ GRAINGER PART NUMBER ]

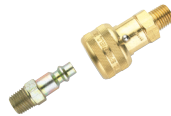
Item Number	Description
930810 [58MM75]	Foster Kit (1 Each, Male and Female)
930424 [*]	Foster Coupling
930429 [58MM74]	Foster Plug
930820 [*]	Schrader Kit (1 Each, Male and Female)
930437 [*]	Schrader Coupling
930433 [*]	Schrader Plug
930830 [*]	Hansen Kit (1 Each, Male and Female)
930465 [*]	Hansen Coupling
930466 [*]	Hansen Plug
945007 [*]	Hansen Kit – Stainless Steel (1 ea., Male and Female)
945010 [*]	Hansen Stainless Steel Coupling



930437



930466



930810

Cylinders

#### Spare Hip-Pac Cylinders [ GRAINGER PART NUMBER ]

Item Number	Description
975081 [22RP32]	Spare Cylinder (2216 psig, Aluminum), 5-Minute
975154 [22RP33]	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

#### Installed Communication Systems [ GRAINGER PART NUMBER ]

Item Number	Description
X964332 [*]	Voice Amplification System
X964331 [*]	Radio Communication System (Interface Cable sold separately)
X964333 [*]	Combo Voice Amplification with Radio Communications

- 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.

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.

#### Panther Series, Pressure Demand SAR and Hip-Pac Upgrade Kits

Item Number	Description
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.

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).

#### Panther Series, Pressure Demand SAR and Hip-Pac Upgrade Kits

Item Number	Description
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

Item Number	Description
P968454 [*]	Panther Hip-Pac without Cylinder, with Quick-Disconnect, No Coupling
P968459 [*]	Panther Hip-Pac without Cylinder, without Quick-Disconnect, No Coupling



Communication System

Upgrade Kits

Conversion Kits

[\*] Items available through Grainger Sourcing only.

# Pressure Demand Supplied Air Respirator (PD-SAR)

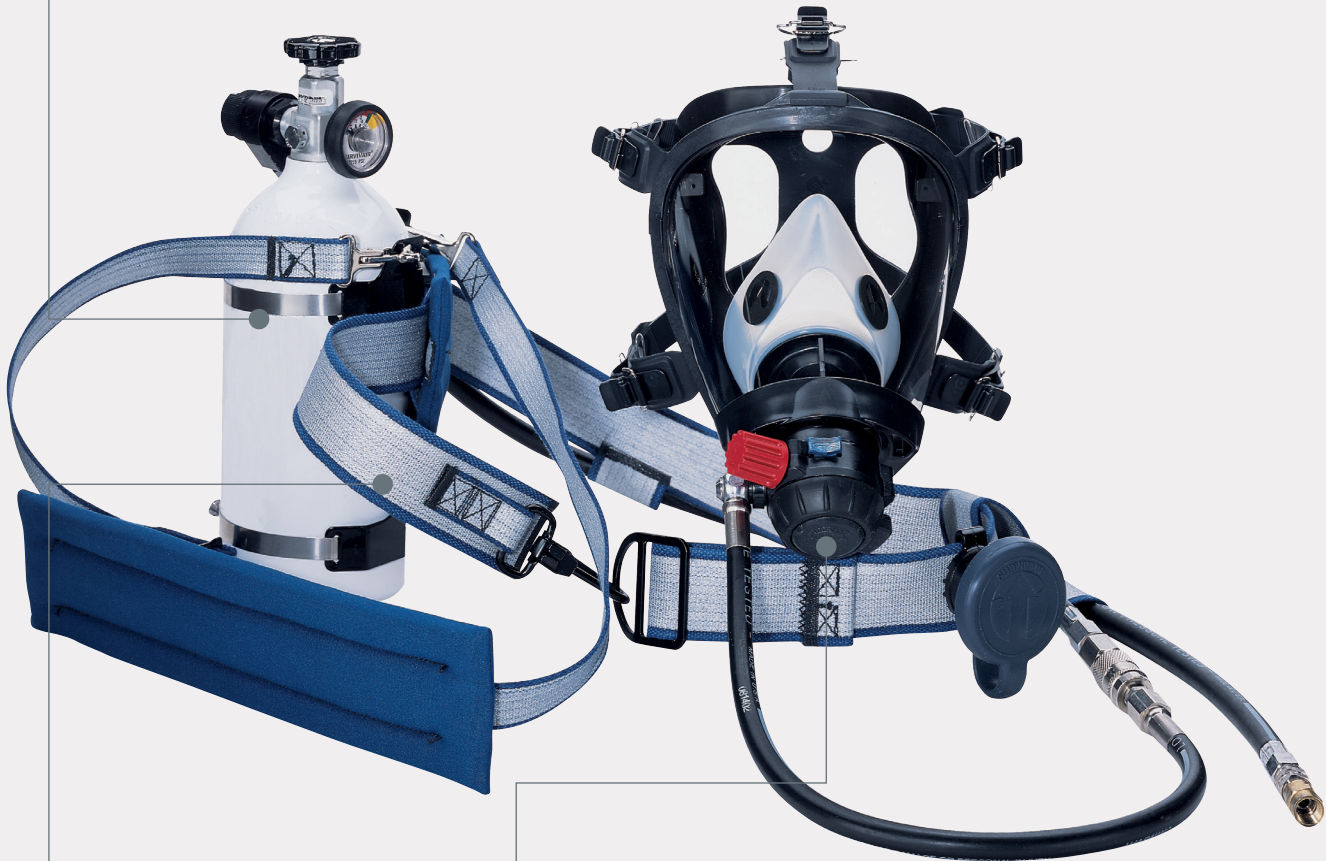
## Features and Benefits

**F** 5-, 10- and 15-minute escape cylinders with optional second stage quick-disconnect

**B** Based on application and escape time needed

**F** TwentyTwenty® Plus silicone facepiece (available with 5-point strap or headnet)

**B** Comfortable, good visibility and same facepiece as industrial SCBAs



**F** Kevlar/Nomex harness with padded cylinder support and shoulder strap on Hip-Pacs

**B** Comfortable and easy to don; ideal for high heat applications

**F** Same second stage regulator as the Cougar™ and Panther™ SCBA

**B** Reliable, proven and simple to use

**F** Economy Nylon Harness with belt cylinder holder

**B** Easy decontamination and cleaning



## 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.

## Facepiece Options

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



- F** Available with Classic Black facepiece with P100 filters\*
- B** 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*



- F** Available with TwentyTwenty Plus with integrated Hydration Tube
- B** Stay hydrated when working long term in particular environments and accessories Canteen not available through Honeywell



For more information contact your Grainger Representative or visit [www.Grainger.com](http://www.Grainger.com)®

SD1217D

AVAILABLE THROUGH  
**GRAINGER**®  
FOR THE ONES WHO GET IT DONE