

A scientist wearing a white full-body protective suit, a clear face shield, and a respirator is working in a laboratory. The scientist is focused on a piece of equipment, possibly a pipette or a small reactor, which has a red liquid inside. The background shows a clean, professional laboratory setting with various pieces of equipment and a fume hood.

Honeywell

# WORK HARD BREATHE EASY

Honeywell North Primair 700 Series

Powered Air Purifying Respirator (PAPR)

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# WORK HARD BREATHE EASY

The Honeywell North® Primair™ 700 (PA700) Series PAPR is engineered to be ergonomic, efficient, and effortless to get workers on the job faster and keep them comfortable and productive. The PA700 Series PAPR offers convenience, comfort, confidence, and connectivity — all day, every day.



## INDUSTRIES & APPLICATIONS:

- Hospital labs (chemotherapy drug mixing and infectious disease)
- Pharmaceutical Development\*
- Manufacturing (silica dust)
- Abatement
- Construction

More PAPR configurations to follow, pending NIOSH approval.

\* Does not include intrinsically safe.

During the engineering phase for the PA700 Series, Honeywell consulted PAPR users and safety managers to understand their vision of ideal PAPR features and functionality. Feedback indicated a need for improved ergonomics, cleanability, and reliability. Honeywell responded to this feedback by developing a PAPR with a thoughtful design — made for superior comfort, safety, and easy operation and maintenance so users can work hard and breathe easy.

## CONVENIENCE

Honeywell understands the need to get workers on the job fast and keep them productive. That's why the PA700 Series PAPR was designed to be easy to use and incorporates convenient features. The PA700 Series is easy to assemble with components that lock into place with little effort. Controls are easy to operate — even when wearing gloves. The easy-to-clean, smooth surfaces take just minutes to wipe down at the end of a long day.

## COMFORT

With Personal Protective Equipment (PPE), safety is the priority — but, comfort is also a must. The PA700 Series was designed with a focus on ergonomics so workers stay comfortable for longer, which increases productivity by reducing the need for breaks or adjustments to equipment. On-demand airflow control helps keep workers cool throughout their shifts. Additional accessories are available to further enhance comfort.

## CONFIDENCE

Workers who perform their jobs in high-risk environments face hazards on a daily basis. Developed with safety and compliance in mind, the PA700 Series offers employers the confidence that their workers are protected from hazards. The integrated and streamlined design is reliable and durable. Components lock into place so that workers feel safer and can focus on the job, not their equipment.



# PUSH, TWIST, CLICK, AND GO

For the worker who uses a PAPR daily, the Honeywell North PA700 Series makes it easy. The integrated system is streamlined, easy to use, and quick to assemble. With components that lock into place, workers can get on the job quickly and feel safer. Plus, the ergonomic design keeps them comfortable during long shifts, which maximizes productivity.



## Side-Mounted Battery

Contained in housing on five (5) sides and locks into place to reduce accidental disconnections.

## Adjustable Airflow

Three air speeds to enhance user comfort.

## Three Alarms — visual, audio, and vibratory

Keeps workers safer with intuitive low battery and low airflow notifications.



## Efficient Keypad

Illuminated, easy-to-read display; large buttons for easy operation — even when wearing gloves.

## Smart Breathing Tube Connection

Twist-and-lock connector angles the tube away from the back; automatically detects between tight- and loose-fitting hoses and adjusts the airflow accordingly.



## Ergonomic Belt

Carefully chosen shape and materials distribute the weight of the PAPR and help keep it from slipping.

## Adjustable Straps

Adjust for customized fit; available in standard industrial nylon or easy-to-clean PVC.

## Comfort Pad

Rests on lower back and cushions impact for all-day use. (Not included with Decon belt).



## Lightweight Breathing Tubes

Highly flexible, corrugated hose for freedom of movement.



## Optional Filter Cover

Protects the filter from impacts and during decontamination showers; smooth design is easy to wipe clean.

## Cartridge/Filter Connection

Allows filter or cartridge/filter combination to lock into place with a quarter turn, assuring workers they are secure and safer.

## ORDERING INFORMATION

### PA700 PAPR Kit

<a href="#">19-085-543</a> (PA701HED-111-TF)	Assembly includes connected blower, battery, battery charger, decontamination belt, P100 HEPA filter, filter cover, 34 in straight breathing tube and Universal size bibbed hood
<a href="#">19-085-544</a> (PA701HED-101-TF)	Assembly includes connected blower, battery, battery charger, decontamination belt, P100 HEPA filter, filter cover, 34 in straight breathing tube and Medium size loose-fitting head cover and adjustable headgear

### Additional Hood and Facepiece Options

PA100 Series Head Covers & Hoods	PA200 Series Hoods	Half Masks	Full Facepieces	Welding Full Facepieces	PA800 Series Welding Helmet
<a href="#">19-085-502</a> (PA101S) <a href="#">19-134-241</a> (PA101M)	<a href="#">19-085-503</a> (PA201E01)	<a href="#">18-987A</a> (550030S) <a href="#">18-987B</a> (550030M) <a href="#">18-987C</a> (550030L)	<a href="#">19-025-040B</a> (54001) <a href="#">19-025-040A</a> (54001S)	<a href="#">19-085-507</a> (54001W) <a href="#">19-085-508</a> (54001SW)	<a href="#">19-085-558</a> (PA810)
<a href="#">19-134-242</a> (PA111)	<a href="#">19-085-504</a> (PA231E01)	<a href="#">17-620-1</a> (770030S) <a href="#">17-620-2</a> (770030M) <a href="#">17-620-3</a> (770030L)	<a href="#">17-621-1</a> (760008A) <a href="#">17-621-1A</a> (760008AS)	<a href="#">19-085-505</a> (760008AW) <a href="#">19-085-519</a> (760008ASW)	PA811*
<a href="#">19-085-499</a> (PA121)			<a href="#">19-085-552</a> (RU65001S) <a href="#">19-085-553</a> (RU65001M) <a href="#">19-085-554</a> (RU65001L)		
<a href="#">19-085-500</a> (PA131)			<a href="#">19-085-555</a> (RU65002S) <a href="#">19-085-556</a> (RU65002M) <a href="#">19-085-557</a> (RU65002L)		
<a href="#">19-085-501</a> (PA141)					

### Breathing Tube Options

<a href="#">19-085-509</a> (PA031)	Straight Breathing Tube, Short, for Primair Hoods, 34 in
<a href="#">19-085-510</a> (PA031L)	Straight Breathing Tube, Long, for Primair Hoods, 40 in

### Cartridge Filter

<a href="#">19-085-513</a> (PA7HE)	P100 High Efficiency Particulate Air-Purifying (HEPA) filter***
<a href="#">19-085-545</a> (PA7OVHE)	Organic Vapor with HEPA filter
PA7OVAGHE*	Organic Vapor, Acid Gas [Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Hydrogen Sulfide (escape)] and Formaldehyde, with HEPA filter
PA7HEDE*	Multipurpose Defender Cartridge with HEPA filter
PA7PR*	Pre-filter for PA700 Cartridge Series

### Available Accessories

<a href="#">19-134-238</a> (PA102M)	Replacement Hoods for the PA101
<a href="#">19-134-249</a> (PA112)	Replacement Hoods for the PA111
<a href="#">19-085-559</a> (PA122)	Replacement Hoods for the PA121
<a href="#">19-085-560</a> (PA132)	Replacement Hoods for the PA131
<a href="#">19-085-561</a> (PA142)	Replacement Hoods for the PA141
<a href="#">19-085-562</a> (PA202)	Replacement Hoods for the PA201 and PA231
<a href="#">19-085-515</a> (PA71A1)	Cartridge Cover, Small For PA7HE
<a href="#">19-085-563</a> (PA71A2)	Cartridge Cover, Medium, For PA7OVHE and PA7OVAGHE*
<a href="#">19-134-251</a> (CA113)	Coated Fabric Cover for straight breathing tubes (for use with PA031 and PA031L)
<a href="#">19-085-564</a> (PA116)	Dust Cap Cover
<a href="#">19-085-565</a> (PA761)	Backpack for PA700 PAPR
<a href="#">19-085-566</a> (PA728)	4-Bay Charger for PA700 PAPR
<a href="#">17-623-4</a> (7003-H5)	Refresher Wipes, with alcohol
<a href="#">19-018-995</a> (80995-H5)	Cleaner/Sanitizer, 10 oz bottle (not available in Canada)
<a href="#">19-085-546</a> (PA720)	Replacement Battery and Charger

\*Coming Soon

\*\*High-Efficiency Particulate Air-Purifying, 99.97% minimum filter efficiency for all particulates.

#### For more information

[www.safety.honeywell.com](http://www.safety.honeywell.com)

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