

# HONEYWELL NORTH™ PRIMAIR® PAPR FAMILY



Honeywell  
NORTH®

# RESPIRATORY PROTECTION THAT GOES BEYOND COMPLIANCE

As a global leader in personal protection equipment (PPE) for decades, Honeywell's top priority has always been worker safety. Our range of disposable and reusable respiratory protection solutions ensure compliance, durability, comfort and enhanced work productivity. Years of respiratory research and technical development have resulted in an advanced ecosystem of Powered Air-Purifying Respirators (PAPR).

## THE POWER OF HONEYWELL PAPR

With so many respirators on the market, it can be hard to know which respirator, or even which PAPR, might be right for your workers. The Honeywell North Primair PA500 and PA700 Series PAPRs are designed around comfort. The PA500 Series PAPR was designed to be compact, low-profile, comfortable and lightweight – perfect for use in particulate-only environments. The PA700 Series PAPR can be used in a variety of both particulate and gas contaminate environments and stands out in 3 key areas: comfort, cleanability and battery life. Honeywell's advanced ecosystem of PAPR's allows your workers to be comfortable and breathe with ease in any environment.

### PA500 SERIES PAPR

We know that when you're working long shifts, it's important to stay comfortable while staying protected against particulates. That's why the PA500 PAPR is designed with the worker in mind, with a focus on comfort, ease of use and efficiency.



### PA700 SERIES PAPR

The Primair 700 (PA700) Series PAPR is Honeywell's most configurable of Powered Air Purifying respirators; a modern, easy-to-use and ergonomic system for both particulate and gas contaminants that is compatible with a wide-range of hoods, headtops, and tight-fit masks.



# HONEYWELL NORTH PRIMAIR 500 SERIES

## A SYSTEM WITH POWERED AIR PURIFICATION TO PROTECT AGAINST PARTICULATES

The Honeywell North PA500 series comprises lightweight powered air purifying respirators that filter particles only. The series has been designed around three basic principles: comfort, ease of use and efficiency.

### EASE OF USE

Ultra-slim and lightweight  
– ideal for long shifts and  
working in tight spaces

### BATTERY PLACEMENT

Protected on five sides to prevent  
accidental disconnection.



### COMFORT

Well-balanced design  
reduces back strain and  
increases freedom of  
movement

## 1 SELECT YOUR HEADGEAR

Choice of headgear may depend on the Assigned Protection Factor needed.

### PA500 APPROVED HEADPIECES

#### PA900 HEADGEAR RANGE (includes PA032 breathing tube)



**PA911EU**  
Head cap  
+ face seal



**PA921EU**  
Hard hat  
+ face seal



**PA921DSEU**  
Hard hat + short  
disposable shroud



**PA921DLEU**  
Hard hat + long  
disposable shroud



**PA922EU**  
Hard hat +  
standard shroud



**PA923EU**  
Hard hat +  
premium shroud

#### LIGHTWEIGHT HEADGEAR



**A114110**  
Primair™ VL headgear



**PA111EU  
PA121EU**  
Primair™ Plus  
coated/headgear



**CC8558939-PA**  
Gridel Hood

#### PA800 WELDING HELMETS



**PA810EU**  
Welding headgear



**PA811EU**  
Welding headgear  
with hard hat

	PRIMAIR™ VL	PRIMAIR™ PLUS	PA800	PA900
Classification	TH3	TH3	TH2 for PA810 EU (TH3 for PA811EU)	TH3
NPF	500	500	50 for PA810 EU (500 for PA811EU)	500



## 2 SELECT YOUR BREATHING TUBE

Our breathing tubes offer simple twist and lock connectors, lightweight and highly flexible hose material and they are easy to clean.

### BREATHING TUBES



#### PA031

86-cm short tube  
(lightweight headgear)



#### PA031L

100-cm long tube  
(lightweight and  
PA800 headgear)



#### PA032

36-cm long tube  
(PA900 headgear)





#### PA036

119-cm extra-long tube  
(PA800 headgear)

## 3 SELECT YOUR FILTER

Filters and cartridges help protect against dust and particulates. A filter cover can be used on top of the filter or cartridge.

PRODUCT	SKU	NAME/DESCRIPTION	PRODUCT	SKU	NAME/DESCRIPTION
	PA5P	P3 - filters (pack of 5 filters)		PA5PR	Prefilter (pack of 10)

## 4 SELECT YOUR BLOWER ASSEMBLY

A blower draws contaminated air through the filter cartridge and pushes a continuous, steady flow of clean air to the user. All kits come with a nylon or decontamination belt, battery, charger and blower. If a backpack configuration is preferred, the backpack adapter can be purchased separately.



### BELT-MOUNTED ASSEMBLY

Belt options include nylon (PA551), decontamination (PA551D) and welding (PA551W) depending on hazards and specific application needs.



### OPTIONAL BACKPACK ADAPTER

As an alternative to belt-mounted assembly, workers can choose to wear their PAPR with a backpack adapter.

# REFERENCES FOR ORDERING YOUR PRIMAIR™ 500 SERIES SYSTEM

## 1. SELECT YOUR HEADGEAR

### LIGHTWEIGHT HEADGEAR

A114110	Primair VL headgear assembly with loose-fitting head cover and adjustable headgear
PA111EU	Primair Plus headgear assembly with bibbed hood and adjustable length (universal size)
PA121EU	Primair Plus headgear assembly with coated hood with adjustable headgear (universal size)
CC8558939-PA	Gridel hood for PAPR (PA500 / PA700)
PA105	Peel-away windows for Primair headgear Series (pack of 5)

### PA800 WELDING HELMET

PA810EU	Welding helmet with auto-darkening filter with a light shade level of 2.5
PA811EU	Welding helmet with hard hat and auto-darkening filter with a light shade level of 2.5

### PA900 HEADGEAR

PA911EU	Head cap + face seal + PA032 breathing tube
PA921EU	Hard hat + face seal + PA032 breathing tube
PA921DSEU	Hard hat + short disposable shroud + PA032 breathing tube
PA921DLEU	Hard hat + long disposable shroud+ PA032 breathing tube
PA922EU	Hard hat + standard shroud + PA032 breathing tube
PA923EU	Hard hat + premium shroud + PA032 breathing tube

## 2. SELECT YOUR BREATHING TUBE

PA031	Straight Breathing Tube, Short, for Primair Headgear, 86cm
PA031L	Straight Breathing Tube, Long, for Primair Hoods, 100cm
PA032	Breathing Tube for use with PA900 Series Headtops, 36cm
PA036	Extra-Long Breathing Tube for use with PA800 welding Helmet, 48.2cm

## 3. SELECT YOUR FILTER

PA5P	P3 HEPA Particulate Filter (pack of 5)
PA5PR	Prefilter (pack of 10)

## 4. SELECT YOUR BLOWER ASSEMBLY

PA501EU	Standard Kit: Assembly includes connected blower, battery, battery charger, comfort pad, P3 filter, filter cover, flow meter, and nylon belt
PA501DEU	Decontaminable Kit: Assembly includes connected blower, battery, battery charger, comfort pad, P3 filter, filter cover, flow meter, and PVC belt
PA501WEU	Welding Kit: Assembly includes connected blower, battery, battery charger, comfort pad, P3 filter, filter cover, flow meter, and welding belt

## 5. SELECT YOUR ACCESSORIES AND SEPARATE PARTS

### PA500 ACCESSORIES

PA510CEU	PA500 Blower
PA51A1	PA500 Filter Cover
PA081	Air Flow Meter

### BELTS & BACKPACK ADAPTER

PA551	PA500 Standard Belt
PA551D	PA500 Decon Belt
PA551W	PA500 Welding Belt
PA55A1	PA500 Comfort Pad
PA561	PA500 Backpack

### BATTERY & CHARGERS

PA524UK	PA500 UK Charger Kit
PA524EU	PA500 EU Charger Kit
PA520H	PA500 High-Capacity Battery
PA521	PA500 Charger Base
PA522	PA500 Power Adapter
PA523C	PA500 Power Cord EU
PA523G	PA500 Power Cord UK

**PRIMAIR VL AND PLUS REPLACEMENT HOODS**

PA112EU	Hood for PA111EU (3 per box)
PA122EU	Coated Hood for PA121EU (3 per box)
PA104	Sweatband for Primair Plus (10 units)

**PA800 WELDING HELMET SERIES ACCESSORIES**

PA828	Cover, Hose, Flame Resistant for PA036 or PA031L
PA821	Replacement ADF for PA800 welding helmet
PA8221	External Lens cover for PA800 welding helmet (box of 5)
PA8222	Internal Lens cover for PA800 welding helmet (box of 5)
PA824	Sweatband, welding helmet
PA827	Face seal for PA800 welding helmet
PA823	Replacement headgear for PA800 welding helmet
PA825	Grind Button cover (pack of 10)
PA8331	Chest Protector/ Leather for PA800 welding helmet
PA8332	Head and Neck Protector, Leather for PA800 welding helmet

**PA900 SERIES HEADGEAR SHROUDS & ACCESSORIES**

PA9312	Disposable Shroud, Long
PA9311	Disposable Shroud, Short
PA932	Shroud Reusable Standard
PA933	Shroud Reusable Premium
PA934	Shroud Frame
PA961	Face Seal
PA951	Forehead Seal
PA991	Pivot Kit
PA981	Visor Frame
PA9711	Visor Standard
PA905	Peel off Visor covers (5 in a box)
PA9713	Visor UV/IR Shade 3.0
PA9715	Visor UV/IR Shade 5.0

# HONEYWELL NORTH PRIMAIR 700 SERIES

## WORK HARD. BREATHE WITH EASE.

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.

### COMFORT

Comfort padding on belt and backpack increases comfort for the wearer

### BATTERY LIFE

12+ hr. battery life\* means you don't have to switch battery out during the course of a shift

\*Typical expectations based on laboratory testing. Actual battery run time and battery service life is dependent on many factors including working environment, charging conditions, filter cartridge type and headpiece type.

### CLEANABILITY

Cartridge cover wipes clean easily. Great Ingress Protection (IP) Rating, which measures sealing effectiveness against dust or liquids.



## 1 CHOOSE THE FACEPIECE

### PA700 APPROVED HEADPIECES

#### PA900 HEADGEAR RANGE (includes PA032 breathing tube)



**PA911EU**  
Head cap  
+ face seal



**PA921EU**  
Hard hat  
+ face seal



**PA921DSEU**  
Hard hat + short  
disposable shroud



**PA921DLEU**  
Hard hat + long  
disposable shroud



**PA922EU**  
Hard hat +  
standard shroud



**PA923EU**  
Hard hat +  
premium shroud

#### HALF-MASKS & FULL-FACE MASKS



**N65770015**  
**N65770016**  
(Size M, L)  
N7700 half-mask



**1715001**  
**1715011**  
**1715021**  
(Size S, M, L)  
Optifit mask

#### PA800 WELDING HELMETS



**PA810EU**  
Welding headgear



**PA811EU**  
Welding headgear  
with hard hat

## LIGHTWEIGHT HEADGEAR



**A114106**  
Junior A



**A114400**  
Junior B



**A114110**  
Primair™ VL



**PA111EU**  
**PA121EU**  
Primair™ Plus  
coated



**CC8558939-PA**  
Gridel hood

	N7700 HALF MASK	OPTIFIT MASK	JUNIOR A	JUNIOR B	PRIMAIR™ VL	PRIMAIR™ PLUS	GRIDEL HOODS	PA800	PA900
Classification	TM3	TM3	TH2	TH3	TH3	TH3	TH3	TH3	TH2 for PA911/ TH3
NPF	2,000	2,000	50	500	500	500	500	500	50 for PA911/500

## 2 SELECT YOUR BREATHING TUBE

Our breathing tubes offer simple twist and lock connectors, lightweight and highly flexible hose material and they are easy to clean.

### BREATHING TUBES



**PA031**  
86-cm short tube  
(lightweight  
headgear)



**PA031L**  
100-cm long tube  
(lightweight and  
PA800 headgear)



**PA032**  
36-cm long tube  
(PA900 headgear)



**PA033**  
Breathing Tube for  
use with Backpack  
PA761, 45cm



**PA035**  
34.3-cm breathing  
tube, DIN, tight fit  
(full and half masks)




**PA036**  
119-cm extra-  
long tube (PA800  
headgear)





### 3 SELECT YOUR FILTER OR CARTRIDGE

Filters and cartridges help protect against dust, particulates, and certain gases and vapors. A filter cover can be used on top of any filter or cartridge for added protection and is easy to wipe clean.

PRODUCT	SKU	NAME/DESCRIPTION	PRODUCT	SKU	NAME/DESCRIPTION
	PA7P	P3 PARTICULATE FILTER		PA7PR	PRE-FILTER Pre-filter for PA7P P3 Particulate Filter
	PA7A2P	A2P3 COMBINED FILTER		PA71A1*	FILTER COVER (SMALL) Cartridge cover, Small, for PA7P
	PA7ABEK1P	ABEK1P3 COMBINED FILTER		PA71A2*	FILTER COVER (MEDIUM) Cartridge cover, Medium, for PA7A2P, PA7ABEK1P

\*As shown is installed on blower unit.

A	Organic gases and vapours, for which the boiling point is above 65 °C. For example: solvents, hydrocarbons etc.
B	Inorganic gases and vapour, e.g. chlorine, cyanide, formaldehyde, hydrochloric acid, etc.
E	Acid gases and vapour, e.g. sulphur dioxide, ect.
K	Ammonia and organic amino derivatives
P	Particles, dust

### 4 SELECT YOUR BLOWER ASSEMBLY

A blower draws contaminated air through the filter cartridge and pushes a continuous, steady flow of clean air to the user. All kits come with a nylon or decontamination belt, battery, charger and blower. If a backpack configuration is preferred, the backpack adapter can be purchased separately.



**BELT-MOUNTED ASSEMBLY**

Belt options include nylon (PA751), decontamination (PA751D) and welding (PA751W) depending on hazards and specific application needs.



**OPTIONAL BACKPACK ADAPTER**

As an alternative to belt-mounted assembly, workers can choose to wear their PAPR with a backpack adapter. This requires a shorter breathing tube (PA033).

# REFERENCES FOR ORDERING YOUR PRIMAIR™ 700 SERIES SYSTEM

## 1. SELECT YOUR FACEPIECE

### HALF-MASKS AND FULL-FACE MASKS

N65770015 (size M)	N7700 half-mask
N65770016 (size L)	Made of non-degradable silicone
1715001 (size S)	Optifit mask Made of non-degradable silicone. Panoramic polycarbonate lens
1715011 (size M)	
1715021 (size L)	

### LIGHTWEIGHT HEADGEAR

A114110	Primair VL headgear assembly with loose-fitting head cover and adjustable headgear
PA111EU	Primair Plus headgear assembly with bibbed hood and adjustable length (universal size)
PA121EU	Primair Plus headgear assembly with coated hood with adjustable headgear (universal size)
CC8558939-PA	Gridel hood for PAPR (PA500 / PA700)
A114106	Junior A-VL, Full-face protection including front deflector and chin cup
A114400	Junior B VL PU, Flexible and light hood: with polyurethane cape covering the head, neck and shoulders

### PA800 WELDING HEADGEAR

PA810EU	Welding helmet with auto-darkening filter with a light shade level of 2.5
PA811EU	Welding helmet with hard hat and auto-darkening filter with a light shade level of 2.5

### HEADGEAR WITH PA900 HARD HAT

PA911EU	Head cap + face seal + PA032 breathing tube
PA921EU	Hard hat + face seal + PA032 breathing tube
PA921DSEU	Hard hat + short disposable shroud + PA032 breathing tube
PA921DLEU	Hard hat + long disposable shroud+ PA032 breathing tube
PA922EU	Hard hat + standard shroud + PA032 breathing tube
PA923EU	Hard hat + premium shroud + PA032 breathing tube

## 2. SELECT YOUR BREATHING TUBE

PA031	Straight Breathing Tube, Short, 86cm
PA031L	Straight Breathing Tube, Long, 100cm
PA032	Breathing Tube for use with PA900 Series Headtops, 36cm
PA033	Breathing Tube for use with Backpack PA761, 45cm
PA035	Breathing Tube, DIN, Tight Fit (full and half masks), 34.3cm
PA036	Extra-Long Breathing Tube for use with PA800 welding Helmet, 48.2cm

## 3. SELECT YOUR CARTRIDGE OR FILTER

PA7P	P3 filters (pack of 5 filters)
PA7A2P	A2P3 filters (pack of 4 filters)
PA7ABEK1P	ABEKP3 filters (pack of 4 filters)

## 4. SELECT YOUR BLOWER ASSEMBLY

PA701EU	Standard Kit: Assembly includes connected blower, battery, battery charger, comfort pad, flow meter, and nylon belt
PA701DEU	Decontaminable Kit: Assembly includes connected blower, battery, battery charger, comfort pad, flow meter, and PVC belt
PA701WEU	Wedling Kit: Assembly includes connected blower, battery, battery charger, comfort pad, flow meter, and welding belt

## 5. SELECT YOUR ACCESSORIES

### PA700 ACCESSORIES

PA710CEU	PA700 Blower
PA71A1	Cartridge Cover, Small For PA7P
PA71A2	Cartridge Cover, Medium, For PA7A2P and PA7ABEK1P
PA081	Air Flow Meter

**BELTS & BACKPACK ADAPTER**

PA751	PA700 Standard Belt
PA751D	PA700 Decon Belt
PA751W	PA700 Welding Belt
PA75A1	PA700 Comfort Pad
PA761	Backpack, PA700 Series

**BATTERY & CHARGERS**

PA720	Battery Pack, Std. Capacity
PA721	Charger Base
PA722	Power Adapter
PA723C	Power Cord, EU, 1-Bay Charger
PA723G	Power Cord, UK, 1-Bay Charger
PA725	4-Bay Charger, Base Only
PA726	Power Adapter, 4-bay charger
PA727C	Power Cord, EU, 4-bay charger
PA727G	Power Cord, UK, 4-bay charger
PA724EU	Charger for one PA700 (EU power cord)
PA724UK	Charger for one PA700 (UK power cord)
PA728EU	Charger kit for 4xPA700 (EU power cord)
PA728UK	Charger kit for 4xPA700 (UK power cord)

**LIGHTWEIGHT HEADGEAR ACCESSORIES**

PA104	Sweatband for Primair Plus (10 units)
PA105	Primair Plus Peel off Window
PA112EU	Hood for PA111EU (3 per box)
PA122EU	Coated Hood for PA121EU (3 per box)
PA104	Sweatband for Primair Plus (10 units)
A160734	Junior A 100 disposable visors (JA)
A160733	Junior A 5 disposable visors (JA)
A160730	Junior B 100 disposable visors
A160782	Junior B 5 disposable visors
A162876	Junior B PU Hood

**PA800 WELDING HELMET SERIES ACCESSORIES**

PA828	Cover, Hose, Flame Resistant for PA036 or PA031L
PA821	Replacement ADF for PA800 welding helmet
PA8221	External Lens cover for PA800 welding helmet (box of 5)
PA8222	Internal Lens cover for PA800 welding helmet (box of 5)
PA824	Sweatband, welding helmet
PA827	Face seal for PA800 welding helmet
PA823	Replacement headgear for PA800 welding helmet
PA825	Grind Button cover (pack of 10)
PA8331	Chest Protector/ Leather for PA800 welding helmet
PA8332	Head and Neck Protector, Leather for PA800 welding helmet

**PA900 SERIES HEADGEAR SHROUDS & ACCESSORIES**

PA9312	Disposable Shroud, Long
PA9311	Disposable Shroud, Short
PA932	Shroud Reusable Standard
PA933	Shroud Reusable Premium
PA934	Shroud Frame
PA961	Face Seal
PA951	Forehead Seal
PA991	Pivot Kit
PA981	Visor Frame
PA9711	Visor Standard
PA905	Peel off Visor covers (5 in a box)
PA9713	Visor UV/IR Shade 3.0
PA9715	Visor UV/IR Shade 5.0

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