

**Honeywell**

**NORTH**



## **Powered Air Purifying Respirators & Continuous Flow Supplied Air Respirators**

Selection Guide

## Honeywell North PAPR and CF-SAR Configuration Guide

Honeywell North Powered Air Purifying Respirators (PAPR) and Continuous Flow Supplied Air Respirators (CF-SAR) are highly modular and configurable. This allows you to design the respirator system that is most suitable for your application.

Follow the steps below and select the options to configure your NIOSH approved PAPR or CF-SAR respirator.

## POWERED AIR PURIFYING RESPIRATORS

### 1. Select Loose Fitting Facepiece, Hood or Tight Fitting Facepiece

PA100 SERIES HOOD	PA200 SERIES HOOD	PA300 SERIES HOOD	HALF MASK	FULL FACEPIECE	FULL FACEPIECE W/ WELDING ATTACHMENT
PA101S, M*	PA201E01	PA301	770030S, M, L	760008A, S	760008AW
PA121	PA231E01	PA331	RU85001S, M, L	RU65002S, M, L	54001W
PA131	PA231P01		RU85004S, M, L	54001, S	54001SW
PA141	PA201P01		RU85005S, M, L	RU65001S, M, L	760008ASW
PA111			RU85006S, M, L		
			550030S, M, L		

\*The PA101 is a loose fitting facepiece.

### 2. Select a Breathing Tube

FOR LOOSE FITTING FACEPIECES AND HOODS INDICATED IN STEP 1	FOR TIGHT FITTING FACEPIECES INDICATED IN STEP 1
CA127 (34" straight breathing tube)	CA229 (34" Y-shape breathing tube)
CA127L (40" straight breathing tube)	CA229L (40" Y-shape breathing tube)

### 3. Select a PAPR System

CA201-H5 blower and battery with nylon belt and backpad for increased comfort	CA201D blower and battery with PVC belt for decontamination applications
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### 4. Select Filter or Cartridge

HAZARD	CARTRIDGE	CARTRIDGE & HEPA FILTER
HEPA ONLY	-	40HE
ORGANIC VAPOR	4001	4001HE
ORGANIC VAPOR/ACID GAS	4003	4003HE
AMMONIA/METHYLAMINE	-	4004HE

NOTE: High efficiency particulate air (HEPA) filter is a filter that is at least 99.97% efficient in removing particles.

ADDITIONAL PRODUCT	PRE-CONFIGURED PAPR SYSTEM
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#### Face-Mounted PAPR Honeywell North PR500 Series

PART NUMBER	PAPR ASSEMBLY INCLUDES
PR501S	RU6500 Facepiece (small), blower, battery & charger, belt and HEPA filter
PR501M	RU6500 Facepiece (medium), blower, battery & charger, belt and HEPA filter
PR501L	RU6500 Facepiece (large), blower, battery & charger, belt and HEPA filter

NOTE: PR500 Series PAPR can also be configured to APR or CF-SAR



# CONTINUOUS FLOW SUPPLIED AIR RESPIRATORS

## 1. Select Loose Fitting Facepiece, Hood or Tight Fitting Facepiece

PA100 SERIES HOOD	PA200 SERIES HOOD	PA300 SERIES HOOD	HALF MASK	FULL FACEPIECE	FULL FACEPIECE W/ WELDING ATTACHMENT
PA101S, M*	PA201E01	PA301	770030S, M, L	760008A, S	760008AW
PA111	PA201P01	PA331	550030S, M, L	RU65001S, M, L	760008ASW
PA121	PA231E01		RU85001S, M, L	RU65002S, M, L	54001W
PA131	PA231P01		RU85004S, M, L	54001, S	54001SW
PA141					

\*The PA101 is a loose fitting facepiece.

## 2. Select a CF-SAR Assembly

FOR LOOSE FITTING FACEPIECES AND HOODS INDICATED IN STEP 1	FOR TIGHT FITTING FACEPIECES INDICATED IN STEP 1	FOR RU6500 ONLY
CF1001 (34" breathing tube assy. with nylon belt)	CF2007 (Breathing tube assembly with nylon belt)	CF4001 (Breathing tube assembly with nylon belt)
CF1001L (40" breathing assy. tube with nylon belt)		
CF1001D (34" breathing assy. tube with PVC belt)		
CF1001DL (40" breathing assy. tube with PVC belt)		

## 3. Select Coupler Assy to connect Breathing Tube to Airline

	FOR 3/8" I.D. HOSE	FOR 1/2" I.D. HOSE
CEJN	88600C	88800C
FOSTER	88600F	88800F
HANSEN	88600H	88800H
SCHRADER	88600S	88800S
SNAP-TITE	88600ST	88800ST

NOTE: Coupler assembly includes one male plug and one female coupler

## 4. Select Airline Hose

	FOR 3/8" I.D. HOSE	FOR 1/2" I.D. HOSE
25 FOOT	996025	998025
50 FOOT	996050	998050-H5
100 FOOT	996100	998100

NOTE: Do not use quick connect couplers to connect multiple Honeywell North hose lengths

## 5. Select male plug to connect airline hose to air source

VORTEX TUBE	FOR 3/8" I.D. HOSE	FOR 1/2" I.D. HOSE
CEJN	880141C	880161C
FOSTER	880141F	880161F
HANSEN	880141H	880161H
SCHRADER	880141S	880161S
SNAP-TITE	880141ST	880161ST

NOTE: If air source does not have a female coupler, use Coupler Assembly to get male plug and coupler

## Optional

### Select Vortex Tube

- Vortex can only be used with CF1000 Series and compressed breathable air sources
- Vortex assembly includes a male plug to connect to the female coupler on the airline hose

VORTEX TUBE	FOR 3/8" I.D. HOSE	FOR 1/2" I.D. HOSE
CEJN	88600CV	88800CV
FOSTER	88600FV	88800FV
HANSEN	88600HV	88800HV
SCHRADER	88600SV	88800SV
SNAP-TITE	88600STV	88800STV

### Select female coupler for air source, if needed

FEMALE COUPLER	FOR 3/8" I.D. HOSE	FOR 1/2" I.D. HOSE
CEJN	880040H	880060H
FOSTER	880040C	880060C
HANSEN	880040F	880060F
SCHRADER	880040S	880060S
SNAP-TITE	880040ST	880060ST

## ADDITIONAL PRODUCTS TO CONNECT TO THE CONFIGURABLE CF-SAR SYSTEMS

### Honeywell North Portable Air Filtration Panels

The cost-effective Honeywell North air filtration panels filter air for a safer work environment. They meet OSHA and CSA standards without an expensive installation of a separate breathable air system. Features and benefits include:

- CO monitor is preset to OSHA or CSA regulations to ensure compliance and safety of workers
- CO monitor features a visual alarm and up to 90dB audible sound
- Optional external CO alarm allows the placement of alarms closer to work area to alert workers of high CO levels
- Clear window allows for an unobstructed view of the gauge inside the case

Part Number	Description
RPF60A	Filtration panel for 4 workers w/Carbon Monoxide (CO) monitor set to alarm at 10 ppm CO (OSHA)
RPF60C	Filtration panel for 4 workers w/Carbon Monoxide (CO) monitor set to alarm at 5 ppm CO (CSA)
RPF100A	Filtration panel for 8 workers w/Carbon Monoxide (CO) monitor set to alarm at 10 ppm CO (OSHA)
RPF100C	Filtration panel for 8 workers w/Carbon Monoxide (CO) monitor set to alarm at 5 ppm CO (CSA)
RPF6CK	Calibration kit for CO Monitor on RPF6 Series filtration panels
RPF6PRA	CO remote alarm, 50 feet, for RPF6 Series filtration panels

*Note: OSHA requires the CO monitor to alarm at 10 ppm, CSA recommends the CO monitor to alarm at 5 ppm. Honeywell North Filtration Panels are preset to 10 or 5 ppm alarm. Check any local State or Province for additional regulations and requirements. Refer to the product descriptions for the appropriate CO monitor setting.*

### Honeywell North Portable Ambient Air Pumps

Ambient Air Pumps are ideal for continuous flow applications for up to three workers – available individually or as part of a complete package.

- Lightweight and portable air pumps offer the flexibility for use at multiple sites and are easily stored when not in use
- No special wiring or adapters are necessary; air pumps can plug into any standard electrical outlet for “plug and go” ease

Part Number	Description
86610	3/4 horse power Ambient air pump for 1 or 2 workers when using 2 tight fitting facepieces or 1 hood (verify pressure schedule requirements) for each respirator
86630	1.5 horse power Ambient air pump for 1 to 3 workers when using 3 tight fitting facepieces or 2 hoods (verify pressure schedule requirements) for each respirator
86613	50' inlet filter extension hose

### Honeywell North Icebox Cooling System

Cool the air flowing from your Ambient Air Pump with the Honeywell North Icebox. This large cooler holds 18.5 gallons (70 liters) of ice to cool the air traveling through the inner hose.

- The icebox cools air from 180° F (50° C) to 50° F (10° C), keeping workers more comfortable in warmer temperatures or hot work environments
- Three airline connections to accommodate up to three workers

Part Number	Description
86695	Honeywell North Icebox



RPF60



86610



86695

#### For more information

www.honeywellsafety.com  
 Technical Services: 800.873.5242

#### Honeywell Industrial Safety

900 Douglas Pike  
 Smithfield, RI 02917

U.S.                      CANADA  
 Tel: 800.430.5490     Tel: 888.212.7233  
 Fax: 800.322.1330     Fax: 888.667.8477

www.honeywell.com

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