

NORTH[®]

by Honeywell



**NORTH COMPACT AIR[®] 200 SERIES
POWERED AIR-PURIFYING RESPIRATOR**

RESPIRATORY PROTECTION

North Compact Air 200 Series Powered Air-Purifying Respirator

No Worry, No Guesswork

The North Compact Air 200 Series Powered Air-Purifying Respirator (PAPR) lets you know when the battery is low or your filters are clogged.

Now you can work with confidence without trying to guess when the battery will need recharging or your filters need to be changed. The North Compact Air 200 Series PAPR includes multiple alarms, giving you the heads up you need to work as long as possible without fear of losing power.



Features and Benefits

FEATURES	BENEFITS
Triple Alarm System — Audible, Vibratory, Visual	
Audible alarm travels through the breathing tube.	Workers will hear the alarm, even in noisier environments.
Two visual alarms, one for low battery and one for clogged filter.	Workers will know the reason for alarm and can maintain their PAPR accordingly.
Lithium-ion Battery	
Light weight	Improved comfort for longer wear.
No memory	No need to drain battery before recharging.
Minimum of 8 hours service life. Life may be more or less than 8 hours depending on type of filter/cartridge and particulate concentration.	No interruptions during your 8 hour shift.
Use with North Facepieces and Primair™ Series Hoods	
One unit for either tight fitting full facepiece respirators or loose fitting hoods.	Accommodates preferences of different workers. Flexibility for contractors and multi-site locations with varying job needs.
The Primair FM 200 Series features a Fibre-Metal® hard hat.	For applications where head protection is required. Choose from standard E2 or high heat P2HN styles.
Welding options with tight fitting full facepiece respirators (7600 and 5400 Series) and loose fitting hood (Primair Series).	Whether tight or loose, welders can have the facepiece or headgear they need.

FEATURES	BENEFITS
Other Features	
Choice of nylon or PVC decon belt and backpad.	Lightweight nylon for the maximum comfort, or PVC where decontamination is critical.
The airflow is automatically adjusted to meet OSHA and CSA CFM requirements.	Safer and more comfortable. You always have the right flow of air, even as filters load. PAPRs without sensor adjustment can lose air flow as filters load.
Choose the best breathing tube for the job: either a "Y" configuration for tight fitting full facepiece respirators or the straight breathing tube used for the loose fitting Primair Series hoods.	Out of the work zone. "Y" Breathing Tube for facepieces distributes the weight on the shoulders rather than pulling on the front of the mask. Straight breathing tube is available in 2 lengths (34" and 40").
Smart charger recharges in approximately 8 hours and cannot over charge.	Leave your battery to charge overnight or over the weekend.
Multi-Charger for up to 5 batteries	Multiple-station battery charger can be used as a storage tray/trickle charger. Leave the battery packs connected on it, even if already charged, to maintain the battery.

Hear It, See It, Feel It: Triple Alarm System

A system of three different alarms, (audible, visual and vibration), will alert the user at 10% remaining battery life, increase to a continuous audible alarm at 5% of remaining battery life, plus alarm when filters are blocked or clogged. The audible alarm is located near the breathing tube so sound will travel to the workers' zone of hearing. An additional vibratory alarm also goes off, assuring that even those workers who are hearing impaired or are in noisy environments will be alerted to the low battery or clogged filter. The third alarm is a LED light that will let the worker know if the battery is low or if it is the filter that needs changing.

Three conditions are monitored for alarm:

ALARM CONDITION	AUDIBLE ALARM	VIBRATORY ALARM	VISUAL ALARM
10% Battery life remaining	Four (4) beeps	Vibration for four (4) seconds at 30 second intervals	CHECK BATTERY LED light will change from green to red
5% Battery life remaining	Continuous beep until battery expires	—	CHECK BATTERY LED light remains red
Blocked or clogged filters	Continuous beep	Vibration for three (3) seconds at 10 second intervals	CHECK FILTER LED light will change from green to red

One Unit Does It All: North Facepieces and Loose Fitting Hoods



North air-purifying half masks and full facepieces, from the signature North 7700 half mask to the 7600 full facepiece with welding attachment, can be turned into a PAPR with the Compact Air 200 Series. The same PAPR also can be used with any of the Primair Series loose fitting hoods and facepieces. The Primair 100 Series includes under the chin loose fitting facepieces, full bibbed hoods, and hoods with cotton neck seal. The Primair FM 200 and 300 Series of hoods are especially designed for use with the Fibre-Metal brand welding helmets and faceshields. From small shop to large factory complexes — if you have more than one type of job, or need to accommodate workers with beards, you can now do it with one PAPR unit.



Multi-Battery Charger with 5 batteries and individual chargers (batteries and chargers sold separately)

Multi-Battery Charger CA200MCNA

Multi-Battery Charger

The CA200MCNA Multi-Battery Charger is a complete 5-station power supply for the North Compact Air CA200 Series Powered Air-Purifying Respirator (PAPR). It can accommodate 1 to 5 battery chargers (sold separately and with the CA200 Series) to create a multiple-station battery charger.

North Compact Air 200 Series Powered Air-Purifying Respirator



PAPR Ordering Matrix

How to Order: The North Compact Air 200 Series blower and battery assembly includes a blower, lithium-ion battery pack, belt and backpad, flow meter, charger and hard carrying case. The breathing tube, facepiece or hood, and cartridges or filters are ordered separately.

1. SELECT YOUR HOOD OR FACEPIECE	Hoods			Facepieces		
	PA100 Series	PA200 FM Series	PA300 FM Series	Half Mask	Full Facepiece	Welding Full Facepiece
	PA101S, M, L	PA201E01	PA301	770030S, M, L	760008A, S	760008AW, SW
	PA111	PA201P01	PA331	550030S, M, L	5400, S	54001W, SW
	PA121	PA231E01	—	—	—	—
	PA131	PA231P01	—	—	—	—
	PA141	—	—	—	—	—
2. SELECT YOUR BREATHING TUBE	CA127: Straight for Primair hoods, 34"			CA229: "Y" for full facepieces, 34"		
	CA127L: Straight for Primair hoods, 40"			CA229L: "Y" for full facepieces, 40"		
3. SELECT YOUR BLOWER AND BATTERY	Nylon Belt and Backpad				CA201	
	PVC Decon Belt and Backpad				CA201D	
4. SELECT YOUR CARTRIDGE OR FILTER	Environment		Cartridge/Filter		Cartridge and HEPA* Filter	
	Organic Vapor		4001		4001HE	
	Organic Vapor/Acid Gas		4003		4003HE	
	Ammonia/Methylamine		4004		4004HE	
HEPA		40HE		—		
5. SELECT YOUR ACCESSORIES	CA113	Fabric Cover for straight breathing tubes. For use with CA127 and CA127L				
	CA214	Fabric Cover for "Y" breathing tubes. For use with CA229 and CA229L.				
	CA200MCNA	Multi-Charger for up to five CA200 Series batteries (US/Canada)				

*HEPA (High Efficiency Particulate Air-Purifying) filter 40HE, 99.97% minimum filter efficiency for all particulates.



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