

The MAXAIR® Systems 2271 and 2272 Series Hoods are XP Filter Hoods for use exclusively with MAXAIR CAPR® Powered Air Purifying Respirator (PAPR) Systems.

### Indications for use of the 2271 and 2272 Series Hoods

**Situations requiring a NIOSH approved, HE rated, Helmet Hood powered air purifying respirator:**

- Non-IDLH atmospheres where the oxygen content is between 19.5% and 25%.
- Situations where there is exposure to airborne particulate contaminants.
- Where NIOSH HE level Filtration Performance is required or desired.
- Where fluid resistance protection against splash is required or desired.

### Hood Configurations

Hood Order Number (O.N.) options include:

2271PB-07ML Single Hood  
2271PB-07SM Single Hood  
2272PB-07ML Double Hood  
2272PB-07SM Double Hood

Each hood is available in two sizes. ML (Medium Large) is for larger workers. SM (Small Medium) is for smaller workers. Trial donning may be appropriate to determine the best fit for any given individual to ensure safe fit and appropriate maneuverability for all anticipated work activities.

#### Single vs Double Hood

Single Hood refers to a Filter Hood with a single shroud, or cover, that extends down from the Hood Filter, encompasses the Lens, and provides 360° coverage of the neck and head down to the body gown. The single hood includes a Cuff integrated with the Hood Lens to aid in maintaining the high protection of hood configurations.

Optional means of wearing the Single Hood include:

- The shroud may be tucked in under the neck of the body gown to provide a better seal between the Hood and gown. (This is not advised if there is a susceptibility of fluid splash that could run down and inside the body gown.)
  - ▶ Excess air from the Hood area is funneled down to aid in cooling the body for additional comfort.
  - ▶ This “billowing out” and interfering with work activities.



2271PB-07 Single Hood



2272PB-07 Double Hood

- The shroud may be left on the outside, layered over the top of the body gown, in the neck and shoulders areas.
  - ▶ The shroud over prevents potential fluid splash from coming down the Hood sides to enter inside the gown.
  - ▶ Doffing a contact contaminated Hood may be faster and safer.

Double Hood refers to a Filter Hood with both an inner and an outer shroud.

The inner shroud is tucked inside the body gown at the neck. This adds to the particulate filtering seal and obviates the need for an integrated Cuff as with the Single Hood.

The outer hood layers over the top of the body gown in the neck and shoulders areas. This shroud provides fluid splash protection.

Both Single and Double Hoods include external neck and body ties.

The neck ties help create a “neck” in the Hood for the wearer and improves the ease and flexibility of moving and turning the head. They also limit the amount of excess air flowing to the body gown to minimize “puffing-up”.

Body ties secure the Hood shroud closer to the body to minimize interference with maneuverability.

### HLF Filter

Each 2271 and 2272 Series Filter Hood comes with a 2170-27 HLF Filter (Cap). This Heavy Loading Filter primarily filters larger particulates to extend the service life of the primary high efficiency filter.

### Optional HFR FCC

Each 2271 and 2272 Series Filter Hood with HLF provides protection both from airborne particulates as well as from contact with fluids.

Additional fluid protection may be achieved with use of the 2061-05 HRF FCC, High Fluid Resistance Filter Cover Cap. This Cover is made of virtually fluid impermeable, light weight and flexible plastic.



CA-DLC-CAPR-37 System  
2271PB-07 Single Hood  
and HLF



CA-DLC-CAPR-37 System  
2271PB-07 Single Hood,  
HLF, and HFR FCC

### MAXAIR System Configurations with the 2271 and 2272 Series Hoods

SYSTEM	HOOD
<b>CA-DLC-CAPR-36</b> with 2500-36TSC Battery  -or-  <b>CA-DLC-CAPR-37</b> with 2500-37TSC Battery	<b>SINGLE HOOD</b>  2271PB-07ML (includes 2170-27) 10 ea/box
	2271PB-07SM (includes 2170-27) 10 ea/box
	<b>DOUBLE HOOD</b>  2272PB-07ML (includes 2170-27) 10 ea/box
	2272PB-07SM (includes 2170-27) 10 ea/box
	<b>OPTIONAL</b>
HFR FCC (High Fluid Resistance Filter Cover Cap)	2061-05 3 ea/box

MATERIAL and SEAMS	FLUID RESISTANCE
Outer Shroud (Below the Filter)	ASTM F1671 ASTM F1670 ASTM F903, H2O/ Polysorbate @ 35 Dyne/cm ASTM D5035, >7 LBF
Inner Shroud	N/A
Lens	Fluid Impermeable
Hood Filter	AATCC TM127 20cm AATCC TM42, <1.0g
HLF	N/A
HFR FCC	Fluid Impermeable