Simple, Effective, Ultra-Light

The CC20 Series Tychem® Hood provides a wide variety of simple, effective and economical options for on-the-job respiratory protection. The result is better protection, improved productivity and greater comfort that combines to produce the best value on the market. These hoods are available for use in a CC20 Series Airline Respirator configuration or PA20 Series Powered Air Purifying Respirator configuration. Approved by NIOSH for use in Type C applications, the CC20 Series is used in a wide variety of industries including:

- pharmaceutical manufacturing
- chemical and pesticide handling
- spray painting and coating operations
- nuclear operations

Proven Performance

In a 1996 study of hood-style respirators coordinated by the Organization Resources Counselors (ORC), the Bullard CC20 hood was surveyed to be the number one hood used in the pharmaceutical industry.

The most commonly used hoods were then used in a simulated workplace protection factor study (SWPF). The Bullard CC20 hood was also the top-performing loose-fitting hood among a variety of competitors. All measurements in the SWPF study were above 150,000 resulting in a study Assigned Protection Factor (APF) of 10,000!

For a summary of this research, call Bullard customer service at 1-800-827-0423.
Features and Benefits

Unique Air Delivery System

A patented neck cuff design helps maintain positive pressure inside the hood to aid in keeping contaminants out. As air enters the hood, the inner collar inflates, providing a snug, comfortable fit around the neck and continuous flow of air to the worker’s breathing zone.

Lightweight, Comfortable and Economical

The CC20 hood is lighter and more comfortable than tight-fitting full facepiece respirators. Covering the entire head, face and neck, the CC20 hood provides splash/overspray protection and makes clean-up quick and easy.

A wide angle lens offers the largest field of vision among Tychem hood-style respirators on the market, optimizing worker productivity and safety.

Available in a variety of styles, the CC20 hood is constructed of either Tychem QC or Tychem SL depending on the job application. Taped and sealed seams are also available to provided additional protection for liquid penetration encountered on-the-job or during decontamination.

Reusable or Disposable

CC20 respirator hoods are durable enough to reuse, yet economical enough to discard after each use, depending on the work application.

No Fit Testing

The CC20 hood does not require fit testing nor extensive recordkeeping. It easily accommodates beards, prescription eyewear or safety glasses.

Powered Air or Supplied Air

The CC20 hood is available for use as a supplied air respirator (CC20 series) or powered air respirator (PA20 series). A versatile hood suitable for almost any application.
Hood style respirator does not require fit testing and also allows for facial hair and eyewear.

Replaceable snap-in suspension provides ultimate comfort, and maintains the field of vision during activities.

Optional taped and sealed seams for added protection.

Patented inflatable neck cuff design provides superior, comfortable protection, while delivering airflow directly into the worker’s breathing zone.

Wide angle lens offers the best visibility in the industry.

“Pony tail” tag on every hood provides information on replacement parts, user guidelines, and required pressures.

Optional inner bib provides added protection and some cooling of the torso.

Climate control options allow the user to heat or cool the incoming air by as much as 30º F for comfort and productivity.
Select one of each of the following four components:

1. **Respirator Hood**
   - CC20 Series respirator hoods are made of tough, durable Tychem-based materials and feature a wide-angle lens for excellent peripheral vision. Choose the hood style that is best suited for the work application.
   - Choose a head-band or hard hat to keep the hood secure and stable. The hard hat meets ANSI Z89.1-1986 Class A and B requirements for impact, penetration and dielectric protection. All models come with Sportek browpad.

2. **Breathing Tube Assembly with Optional Climate Control**
   - Choose the breathing tube assembly appropriate for the work application and breathing air source. Assemblies available with constant or adjustable airflow and a variety of quick-disconnect fittings. Climate control devices are available in hot or cold versions.

3. **Headband or Hard Hat**
   - Choose a headband or hard hat to keep the hood secure and stable. The hard hat meets ANSI Z89.1-1986 Class A and B requirements for impact, penetration and dielectric protection. All models come with Sportek browpad.

4. **Breathing Air Supply Hose**
   - The breathing air supply hose connects the breathing tube assembly to the air source. Choose the air supply hose suitable for the air source. Available in different lengths.

**Material Choices**
- Tychem® QC - Tychem coated with polyethylene provides excellent splash protection against many acids, bases and other liquid chemicals.
- Tychem® SL - (used on SICN hood only) Tychem coated with Saranex® 23-P provides protection against an even wider range of chemicals.

**Other Components**
- V10 Series Starter/Extension Hose Kits in 20' (7.6 m) and 100' (30.5 m) lengths. Maximum total length = 100 ft.
- CC20 Series Airline Respirator Selection
- For use with Breathing Air Compressors
- For use with Ambient Air Pumps
- For use with Bullard EDP30 or ADP20 pump.
Select one of each of the following four components:

1. **Respirator Hood**
   - C230 Series respirator hoods are made of tough, durable Tychem® F materials and feature a wide-angle lens for maximum peripheral vision. Choose the hood style that is best suited for the work application.

2. **Headband or Hard Hat**
   - Choose a headband or hard hat to keep the hood secure and stable. The hard hat meets ANSI Z89.1-1986 Class A and B requirements for impact, penetration and dielectric protection. All models come with Sportek brow pad.

3. **Blower Assembly**
   - PA1 Blower Assembly with 10-hour battery and low voltage alarm.
   - PA2 Blower Assembly with 6-hour battery.

4. **Battery Chargers**
   - PA1SMC Quick Charger with trickle charge capability.
   - PA1STC Standard Charger
   - PA2SMC Quick Charger with trickle charge capability.
   - PA2STC Standard Charger

**Material Choices**
- Tychem® QC - Tychem coated with polyethylene provides excellent splash protection against many acids, bases, and other liquid chemicals.
- Tychem® SL (used on SICN hood only) - Tychem coated with Saranex® TM 23-P provides protection against an even wider range of chemicals.

**PA20 Series Replacement Parts**
- PA1FG3 - 3-pack of HEPA filters with gaskets
- PA1FBP - 36-pack of HEPA filters with gaskets
- PA1EBC - Extension belt for standard belt
- PA1DB - All vinyl belt for decontamination
- PA1DEB - Extension belt for decontamination
Ordering Information

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>PA2SMC</td>
<td>Quick Charger for PA2</td>
</tr>
<tr>
<td>PA1STC</td>
<td>Standard Charger for PA1</td>
</tr>
<tr>
<td>PA1SKC</td>
<td>Quick Charger for PA2</td>
</tr>
<tr>
<td>PA1STC</td>
<td>Standard Charger for PA2</td>
</tr>
<tr>
<td>V10 Series Starter Hose Kits for use with Breathing Air Compressors (Schrader and Snap-Tite also available)</td>
<td></td>
</tr>
<tr>
<td>Include 3/8&quot; I.D. hose, V11 hose-to-hose adapter fitting and V13 hose-to-pipe fitting (3/8&quot; hose-to-3/8&quot; pipe)</td>
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<tr>
<td>V55030</td>
<td>100' (30.5 m) Extension hose kit</td>
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<tr>
<td>V5 Series Cooled Hoses for use with Breathing Air Compressors (Schrader and Snap-Tite also available)</td>
<td></td>
</tr>
<tr>
<td>Include 3/8&quot; I.D. hose, V11 hose-to-hose adapter fitting and V13 hose-to-pipe fitting (3/8&quot; hose-to-3/8&quot; pipe)</td>
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<tr>
<td>V52530</td>
<td>25&quot; (7.6 m) Extension hose kit</td>
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<td>V55030</td>
<td>50' (15.2 m) Extension hose kit</td>
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<tr>
<td>V55030</td>
<td>100' (30.5 m) Extension hose kit</td>
</tr>
<tr>
<td>V5 Series Hoses for use with Bullard Free-Air Pumps</td>
<td></td>
</tr>
<tr>
<td>Include 1/2&quot; I.D. rubber hose, 1/2&quot; hose-to-hose adapter fitting and 1/2&quot; male quick-disconnect nipple</td>
<td></td>
</tr>
<tr>
<td>V2050ST</td>
<td>50' (15.2 m)</td>
</tr>
<tr>
<td>V20100ST</td>
<td>100' (30.5 m)</td>
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**Respirator Hoods**

- **Basic Style Hoods**
  - 20TJN: Tychem OC, no suspension
  - 20TPN: Tychem OC, no suspension, solvent resistant lens
- **Hood with inner bib, for use with headband**
  - 20TCHN: Tychem OC, no suspension
  - 20TPCN: Tychem OC, no suspension, solvent resistant lens

**Hood with inner bib, for use with hard hat**

- 20TICH: Tychem OC, hard hat not included
- 20TSICH: Tychem SL, hard hat not included

**Replacement Parts and Accessories**

- **PA2 Complete Blower Assembly with 6 hour battery**
  - 20TJN: Tychem OC, no suspension
- **PA1DEB Decon Extension Belt**
- **PA1DB Decon Belt/Comfort Pad**
- **PA1BT Breathing Tube for Heads (26" standard length)**
- **PA1FG3 Filter/Gasket Assembly (pack of 3)**
  - 20TJN: Tychem OC, no suspension
  - 20TPCN: Tychem OC, no suspension, solvent resistant lens
- **PA1AF1 Air Flow Indicator**
- **PA1G35 Filter/Transducer, 250 psi**
- **PA1T85B Breathing Tube for Heads (25" standard length)**
- **PA1DB Decon Belt/Comfort Pad**
- **PA1DEB Decon Extension Belt**

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**Respirator Hoods**

**Headbands and Hard Hats**

- **20TG** Standard headband
- **20RT** Sure-Lock® ratchet headband
- **3000** Hard hat with standard suspension, white
- **3000R** Hard hat with ratchet suspension, white

**Accessories for Headbands and Hard Hats**

- ES-ULTRA Replacement ratchet suspension for 3000 hard hat
- **ES-ULTRA Replacement ratchet suspension for 3000 hard hat**
- **AK2 Chin strap for 20TG and 20RT headbands**
- **ES2 Chin strap for 3000 and 5100 hard hats**

**Powered Air Purifying Respirator Components**

- **Blower Assembly**
  - PA1: Complete Blower Assembly with 10 hour battery and Low Voltage Alarm
  - PA2: Complete Blower Assembly with 6 hour battery
- **Battery Chargers**
  - PA1STC: Standard Charger for PA1
  - PA2SKC: Quick Charger for PA2
  - PA1STC: Standard Charger for PA2
  - PANF: Quick Charger for PANF

**Replacement Parts and Accessories**

- **PA1AF1 Air Flow Indicator**
- **PA1G35 Filter/Transducer, 250 psi**
- **PA1T85B Breathing Tube for Heads (25" standard length)**
- **PA1DB Decon Belt/Comfort Pad**
- **PA1DEB Decon Extension Belt**

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**Supplied Air Respirator Components**

- **Breathing Tube**
  - 20BT: Breathing tube only (for supplied air)
- **Breathing Tube Assemblies (for supplied air)**
  - Include breathing tube, airflow control device, quick-disconnect nipple and belt. (Note: 20BT + F30 = V30)
- **Constant Flow Breathing Tube Assembly for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**
  - V30: With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple
- **Constant Flow Breathing Tube Assembly for use with Bullard Free-Air Compressors**
  - V35: With 1/2" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple
- **Adjustable Flow Breathing Tube Assembly for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**
  - V40: With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple
- **Replacement Parts for Breathing Tube Assembly**
  - SI8051: Nylon breathing tube clamp
  - 4612: Belt, Nylon Webb

**Flow Control Device**

- **Flow Control Values**
  - F30: Constant flow control valve with 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple (other industrial fittings available)
  - F40: Adjustable flow control valve with 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple (other industrial fittings available)
  - F50: Constant flow control valve with 1/2" Industrial Interchange (Hansen compatible) quick-disconnect nipple

**Climate Control Assemblies**

- **For use with Breathing Air Compressors**
  - Cool Tube - Adjustable Flow
    - ADP20 Free-Air Pump
    - Cool Tube - Adjustable Flow (Schrader and Snap-Tite also available)
    - F40: Adjustable flow control valve with 1/4" Industrial Interchange (Hansen compatible) quick-disconnect nipple (other industrial fittings available)

**DUAL-COOL™ - Climate Control Device**

- **DC5040** With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect nipple. Includes 160 connector hose and nylon belt (rider vest separately).
- **DC70M/L** Medium/Large cooling vest
- **DC70XL/XXL** X-Large/XX-Large cooling vest
- **Replacement Parts for Climate Control Assemblies**
  - **MV2400** Nuffer/valve assembly for HC2400
  - **CH460** Connector hose for use with DC5040

**Air Supply Hoses and Fittings**

- **V10 Series Starter Hose Kits for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**
  - Include 25" (7.6 m), 3/8" I.D. rubber hose with 1/4" female quick-disconnect coupler and V13 adapter fitting (1/8" hose-to-1/8" pipe)
  - 4696: With 1/4" Industrial Interchange steel (Hansen compatible) quick-disconnect coupler

**V10 Series Extension Hose Kits for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**

- Include 3/8" I.D. rubber hose, 11 hose-to-hose adapter fitting and V13 hose-to-pipe fitting (3/8" hose-to-3/8" pipe)
- **V454** 25" (7.6 m) Extension hose kit
- **V457** 50' (15.2 m) Extension hose kit
- **V458** 100' (30.5 m) Extension hose kit

**Air Supply Hoses and Fittings**

- **V10 Series Starter Hose Kits for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**
  - Include 3/8" I.D. hose, V11 hose-to-hose adapter fitting and V13 hose-to-3/8" pipe
  - **V545** 25" (7.6 m) Extension hose kit
  - **V547** 50' (15.2 m) Extension hose kit
  - **V548** 100' (30.5 m) Extension hose kit

**Cooling Assemblies**

- **V5 Series Cooled Hoses for use with Breathing Air Compressors (Schrader and Snap-Tite also available)**
  - **V52530** 25" (7.6 m) Extension hose kit
  - **V55030** 50' (15.2 m) Extension hose kit
  - **V55030** 100' (30.5 m) Extension hose kit

**Cooling Assemblies**

- **V20 Series Hoses for use with Bullard Free-Air Pumps**
  - Include 1/2" I.D. rubber hose, 1/2" hose-to-hose adapter fitting and 1/2" male quick-disconnect nipple
  - **V2050ST** 50' (15.2 m)
  - **V20100ST** 100' (30.5 m)