

# Cairns® Fire Helmets



## Cairns Fire Helmets: Quality Craftsmanship Since 1836

Since 1836, Cairns has been the original manufacturer of leather firefighting helmets. Today, Cairns leather helmets retain the same authentic look and quality that generation after generation of firefighters have relied upon. And now, these helmets are also made with the added protection necessary for today's standards of safety in the firefighting industry.

Cairns also applies the same tradition of excellence to its newer lines of firefighting helmets. Both traditional and modern designs feature the very best

in contemporary high-tech materials, such as lightweight but durable fiberglass/Kevlar composites and tough, high-temperature thermoplastic.

All helmets are available with many options, including choice of colors, chinstraps, earlap material, etc. Also, a variety of accessories is available to complement Cairns fire helmets. Faceshields, goggles, ear/neck protection, and fronts can all be selected to configure the exact helmet you need.



N5A New Yorker  
(OSHA compliant)



N6A Houston  
(NFPA compliant)



Classic™ 1000



Cairns® 1044



Cairns® 1010



880 Tradition

## Leather Helmets

The original leather helmet, individually hand-crafted to meet today's OSHA and NFPA standards with over 173 years of dependable performance.

### Leather Helmet Features & Benefits

- Hand-crafted, 100% leather shell.
- Insurance against fireground damage with Cairns' 5-year shell replacement warranty.
- Non-corroding, high-temperature, glass-filled polymer faceshield/goggle hardware.
- Faceshield wing protectors for extra faceshield reinforcement.
- Nomex chinstrap with one-hand quick release buckle and postman slide allows quick and easy adjustment.
- Choice of Nomex or PBI/Kevlar earlap for increased neck/ear coverage and protection.
- High-temperature foam cap increases thermal and impact protection.
- High-temperature impact cap liner resists distortion at high temperatures.
- Comfortable fit for all head sizes between 6-3/8 inches and 8-3/8 inches.
- Large diameter helmet hanger fits on larger hooks and racks.

## Traditional Helmets

Traditional style combined with high-tech performance.

### Traditional Helmet Features & Benefits

- Cairns exclusive Defender Visor for Cairns 1010 and Cairns 1044 fire helmets.
- Simple rear ratchet height adjustment to fit all head sizes.
- Market-leading 5-year shell replacement warranty.
- Non-corroding, high-temperature-resistant, faceshield/goggle hardware.
- Rugged, high-temperature edge will not melt or drip.
- Easy front headband adjustment for proper SCBA mask fit.
- Headband (6 3/8 to 8 3/8) fits a wide variety of head sizes.
- Durable helmet hanger fits on large hooks and resists bending.
- Minimal parts for lower service cost and easier maintenance.
- Exclusive shell release system for an extra margin of safety (except 880).
- Unique tube-lock system absorbs the shock of an impact.

**For ordering information, replacement parts and accessories, contact your MSA Fire Service Distributor.**

## Cairns® Fire Helmets



660C Metro®



Invader™ 664



Intruder 990®



Structural 360S®

### Modern Helmets

Different models for applications such as structural firefighting and EMS/rescue.

#### Modern Helmet Features & Benefits

- Defender Visor now available on 660C Metro and Invader 664!
- Market-leading 5-year shell replacement warranty.
- Non-corroding, high-temperature-resistant, faceshield/goggle hardware.
- Rugged, high-temperature edge will not melt or drip.
- Easy front headband adjustment for proper SCBA mask fit.
- Simple rear ratchet height adjustment to fit all head sizes.
- Headband (6 3/8 to 8 3/8) fits a wide variety of head sizes.
- Durable helmet hanger fits on large hooks and resists bending.
- Minimal parts for lower service cost and easier maintenance.
- Exclusive shell release system for an extra margin of safety (except 360S and HP3).
- Unique tube-lock system absorbs the shock of an impact (except 360S).

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Rescue 360R



Commando® HP3



Rescue 360R-13

### Cairns Rescue Helmets

#### Rescue Helmets Features & Benefits

- Defender Visor now available on Commando HP3!
- Market-leading 5-year shell replacement warranty.
- Non-corroding, high-temperature-resistant, faceshield/goggle hardware.
- Rugged, high-temperature edge will not melt or drip.
- Easy front headband adjustment for proper SCBA mask fit.
- Simple rear ratchet height adjustment to fit all head sizes.
- Headband (6 3/8 to 8 3/8) fits a wide variety of head sizes.
- Durable helmet hanger fits on large hooks and resists bending.
- Minimal parts for lower service cost and easier maintenance.

**For ordering information, replacement parts and accessories, contact your MSA Fire Service Distributor.**



# Cairns® Fire Helmets



## Defender® Visor for Cairns Traditional and Modern Helmets

MSA's Defender Visor for Cairns 1010 and 1044 Traditional Helmets and 660C Metro, Invader 664, and Commando HP3 Modern Helmets offers eye protection from dust, dirt, and grit. Sleek and attractive construction allows for fast, easy raising and lowering of your visor even with gloved hands. Visor stays clean inside your helmet until needed for eye protection during overhaul and non-IDLH search-and-recovery. The Defender Visor exclusive integral design is retractable for the ultimate in compact convenience. Standard clear and amber Tuffshield visor options are NFPA-compliant.

If you're looking for a new Cairns Traditional or Modern Helmet, or if you've thought about replacing your existing impact cap, consider the streamlined advantage of the new NFPA-compliant MSA Defender Visor. Cairns Traditional and Modern Helmets offer the perfect combination of durability and performance in lightweight, high-performance designs. Cairns once again integrates the latest technological advances expected by firefighters.

New Cairns 1010 and 1044 Helmet assemblies or 660C Metro, Invader 664, and Commando HP3 Helmets incorporating the Defender Visor may be ordered through Traditional or Modern Helmets Assemble-To-Order Matrices. A user-installable upgrade kit (includes new impact cap) lets you install the Defender Visor yourself.



### Features and Benefits

- Available on Cairns 1010/1044 Traditional and 660C Metro, Invader 664, and Commando HP3 Modern Helmets
- Standard clear and amber Tuffshield visors are compliant with NFPA 1971; all Defender Visors meet ANSI Z87.1+ Standard
- Retractable eyewear system that's ready when you need it
- Available with new helmets or as user-upgrade kit
- Quick-disconnect for fast lens change-out without tools
- Never lose or misplace your goggles again
- Optically correct lens eliminates peripheral distortion

### Standard 1010 Defender Configurations

1010DS	Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap, Silk-Screened 6" Eagle Front Holder and Clear Defender Visor
1010DD	Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap, Carved 6" Eagle Front Holder and Clear Defender Visor
1010TS	Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap, Silk-Screened 6" Eagle Front Holder and Tuffshield Defender Visor
1010TD	Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap, Carved 6" Eagle Front Holder and Tuffshield Defender Visor

### Standard 1044 Defender Configurations

1044DS	Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap, Silk-Screened 6" Eagle Front Holder and Clear Defender Visor
1044DD	Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap, Carved 6" Eagle Front Holder and Clear Defender Visor
1044TS	Includes Standard Flannel Cushion Liner, Yellow Nomex Earlap, Silk-Screened 6" Eagle Front Holder and Tuffshield Defender Visor
1044TD	Includes Leather Cushion Liner, Flannel Crown Pad, PBI/Kevlar Earlap, Carved 6" Eagle Front Holder and Tuffshield Defender Visor



### Standard Fronts

Made with your choice of high-gloss patent leather or dull-finish genuine leather reinforced with a high-temperature, shrink-resistant back layer and sewn with high-temperature, fire-retardant Nomex thread.

#### The Choice Is Yours!

Standard fronts offer over 27 million possible configurations! Design your own standard front by choosing from the options and then indicating your preferences by calling 1-877-MSA-FIRE to place your order.

### Crash Fire Rescue (CFR) Proximity System

- Easy to don and doff, this CFR System is compliant with NFPA 1971-2007.
- Designed and approved for use with the Metro 660C, Invader 664, Cairns 1010 and Cairns 1044 Fire Helmets, it will not interfere with the SCBA while in use.
- Components consist of an aluminized PBI/Kevlar layer, vapor barrier and inner layer.

