

# TECHNICAL DATA SHEET

## CONCEPT AIR HELMET FLIP UP VISOR



### DESCRIPTION

The R23CHFUV is a lightweight respiratory protective EN 397 ABS safety helmet which incorporates a flip up polycarbonate visor that offers impact protection to EN 166 1 B.

The safety helmet is fitted with an integral air duct which supplies filtered air to the users' breathing zone via a powered air purifying respirator (PAPR). The visor is fitted with a replaceable Proban flame retardant seal and the helmet is supplied complete with an air supply hose.



Typical applications are construction dust, engineering and maintenance.

### SPECIFICATION

Product Code	R23CHFUV		
Visor Size	320mm x 160mm		
Effective hose length	830mm		
Headband Size	51 - 63cm		
Weight	Assembled helmet, visor & face seal	+ Ear defenders (S72CE)	Hose
	650g	900g	210g

\* Centurion Scala XI Ear Defenders available separately (code S72CE)

### MATERIALS

Helmet	ABS
Hose	PVC with plastic spiral reinforcement
Sweatband	DryTech
Flip-up Screen	Polycarbonate
Face seal	Proban® (PU Coated Nylon available separately)
Cradle	Terylene

### EUROPEAN STANDARDS

Product Code	EN 166:2001: Personal Eye Protection								EN 397:2012 + A1:2012: Industrial Safety Helmet				Options outside the scope of EN 397		EN 12941: Respiratory protective devices
	F - Low Energy Impact	B - Medium Energy Impact	A - High Energy Impact	1 - Optical Class	3 - Liquid droplets	9 - Molten Metal Splash	T - High Speed Particles at extremes of temperature	8 - Electric Arc	Lateral Deformation (LD)	- 30°C (Low Temperature)	Molten Metal (MM)	440V a.c. (Electrical Resistance)	1000V a.c. (Electrical Resistance)	- 40°C (Low Temperature)	
R23CHFUV															Class TH2P
Concept Helmet								✓	✓	✓	✓	✓	✓		
Visor	✓			✓	✓	✓									

## ACCESSORIES

Spare Polycarbonate Visor	R23CHFUVVP
Spare Proban Face Seal	R23CHFUVF/PN
Proban Hose Sleeve	R23PHS
Visor Covers	R23VC50N

## PACKAGING AND MAINTENANCE

Packaging	R23CHFUV: 1 per Box, Box size 27 x 27 x 36cm, weight 1.18kg
Storage	The headpiece must be stored in a clean dry atmosphere within the temperature range - 5 °C to + 55 °C at R.H. < 90% in its original packaging. Ideal storage conditions are 5°C to 35°C R.H. < 60%. Transport in original packaging. If stored in correct conditions the product has a 5 year shelf life.
Lifetime	The R23CHFUV head piece has a typical in service life of at least 2 years. Excessive wear and tear can considerably reduce the lifespan of the product.
Cleaning	Clean using warm soapy water and a soft cloth. Care must be taken to avoid scratching. Disinfection: The products may be cleaned using a $\geq 1\%$ to $< 2.5\%$ Sodium Hypochlorite (NaOCl) and/or Sodium Hydroxide (NaOH) solution in order to disinfect and prevent cross contamination. Prolonged exposure to, and or immersion in bleaches is not recommended. The products are not suitable for cleaning by Autoclave process. Compatible branded cleaning/disinfection agents includes Distel (manufactured by Tristel Solutions Ltd) at a dilution of 1:10 in accordance with manufacturer's recommendations.
Disposal	Recycle. Look out for the recycling symbol for material category