TECHNICAL DATASHEET

www.clean-air.cz

CleanAIR® CA-40GHS

SAFETY HELMET WITH GRINDING AND HEAT-SHIELD VISOR



* the picture is illustrational only and may vary depending on additional equipment

Description

Safety helmet with integrated air distribution, equipped with a grinding visor and a heat-shield visor. Provides protection of the head, eyes, face and respiratory system, and is complemented by a heat-resistant protective hood with neck protection.

Application

Foundries, metal processing, steelworks, heavy industry, and other industrial environments with high thermal load.

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Technical specification

Product code	704300
Weight	1440 g
Dimensions	Width: 270 mm; Height: 350 mm; Depth: 340 mm
Grinding visor dimensions	280 x 150 mm
Heat-shield visor dimensions	260 x 240 mm
Materials	Safety helmet: PA66-HI Grinding visor: PC, anti-fog + anti-scratch coating (applies for all class 1 visors) Heat-shield visor: PC, gold-plated, anti-scratch coating Heat resistant hood with neck protection: Aluminised para-aramid, 500 gr/m²
Standard / Protection class	EN 12941 TH3 EN 14594 3B EN 166 1 A 9 K N (Grinding visor) EN ISO 16321 W6 R6 1 (Heat-shield visor) EN 397 MM EN ISO 11612 A1 B1 C3 D3 E3 F1 (Heat-resistant hood with neck protection)
Heat protection performance	Applies to heat-resistant hood with neck protection (EN ISO 11612): **A1** – Basic protection against brief contact with flame (surface ignition); no flame spread, afterflame and afterglow ≤ 2 s **B1** – Basic protection against convective heat (hot air exposure); heat transfer delay 4 to <10 s at 80 kW/m² **C3** – High-level protection against radiant heat; heat transfer delay 50 to <95 s at 20 kW/m² **D3** – High-level protection against molten aluminium splash (≥ 350 g) **E3** – High-level protection against molten iron splash (≥ 200 g) **F1** – Basic protection against contact heat; heat transfer delay 5 to <10 s at 250 °C
Input (threads)	QuickLOCK®
Storage conditions Operating conditions	– 10°C to + 55°C, humidity 20 - 95 % Rh 0°C to + 55°C*, humidity 20 - 95 % Rh

** The operating temperature range applies to the ambient air temperature and the operational limits of system components. Heat protection is provided by certified heat-resistant accessories and is independent of the operating temperature limit.*

Disclaimer Notice
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Compatible accessories and spare parts	*Product Code*
Spare grinding visor for CA-40, class 1, clear	704103
Easy-care faceseal for CA-40	704060
Headband	704041x
Sweatband	704044
Spare visor for CA-40, external heat-shield, incl. holders	704302
Neck protection for CA-40, heat-shield, visor-mounted	704366
Protective hood CA-40, heat resistant, incl. neck protection	704370
Light flexi hose QuickLOCK™	710060
Hose cover flameproof	710062F
Hose cover, heat-shield (aluminised)	710063
Spare protective heat visor V8, gold-plated, pck of 10 pcs	729218/10

Compatible powered air purifying respirators / airline systems	*Standard / Class*
CleanAIR® AerGO®	EN 12941 TH3
CleanAIR® Chemical 2F Plus (recommended)	EN 12941 TH3
CleanAIR® Chemical 2F EX (recommended)	EN 12941 TH3
CleanAIR® Chemical 3F Plus	EN 12941 TH3
CleanAIR® Basic (not recommended)	EN 12941 TH3
CleanAIR® Pressure	EN 14594 2A
CleanAIR® Pressure Flow Master	EN 14594 3B

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