

TECHNICAL DATASHEET



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CleanAIR® CA-27 YOGA

Welding helmet with air distribution



Description

Welding helmet with the air distribution and automatic welding filter.

Application

Suitable for most welding methods including TIG. Ideal for occasional welders, maintenance workers, carriage builders and building assemblers

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Technical specification

Product code	70 27 01	
Weight	650 g	
Dimensions	330 mm / 210 mm / 290 mm	
Autodarkening filter	AerTEC® X-100 Product code: 40 51 00 Dimensions 110 x 90 mm Viewing area 100 x 52 mm ADF protection plate 115 x 104 mm	AerTEC® X-110 TC Product code: 40 51 10 Dimensions 110 x 90 mm Viewing area 100 x 52 mm ADF protection plate 115 x 104 mm
Materials	Welding helmet - ABS ADF - ABS Protection plate - polycarbonate Air duct - ABS	
Input (threads)	QuickLOCK®	
Standard / Protection class	EN 12941 TH2 EN 14594 2A/2B EN 175 B EN 166 1B EN 379 1/1/1/2	
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % Rh	
Operating conditions	0°C to + 60°C, humidity 20 - 95 % Rh	
Recommended hose type	Light flexi hose QuickLOCK™	

Compatible powered air purifying respirators

Product code

Standard / Class

CleanAIR® AerGO® including comfort belt, EUR plug charger, Li-Ion battery, particle filters and flow indicator	30 00 00PA	EN 12941 TH2
CleanAIR® Basic including comfort belt, multi plug (EUR, UK, US, AUS) battery charger Li-Ion battery, particle filter and flow indicator	81 00 00PA	EN 12941 TH2
CleanAIR® Pressure including belt and flow indicator	63 00 00	EN 14594 2A
CleanAIR® Pressure Flow Master including belt and flow indicator	67 00 00	EN 14594 2B

Compatible accessories and spare parts

Product code

Welding helmet CA-27 YOGA incl. air distribution, w/o ADF	70 27 97
Headgear YOGA	70 27 41
Assembly kit for a welding helmet incl. face seal and air duct	44 00 85CA
Face seal for welding helmet – universal	70 21 53
Auto-darkening filter AerTEC™ X100 4/9-13	40 51 00
Protection plate external for YOGA (114x104 mm)	*114/104
Protection plate internal for YOGA (106x58 mm)	*106/58
Light flexi hose QuickLOCK™	71 00 60

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.