

**CleanAIR<sup>®</sup>**

by **maxsafe<sup>®</sup>**

# **Omnira COMBI air**

ONE SOLUTION  
FOR MANY NEEDS



**DUE  
APRIL  
2022**

The logo for CleanAIR, featuring the brand name in white text on a red, rounded rectangular background.

by **maxisafe**

# ONE SOLUTION FOR MANY NEEDS

Autodarkening welding helmet with an advanced built-in air distribution system and flip-up welding shield. Provides protection of the user's eye and face from harmful radiation including visible light, ultra-violet(UV), infra-red (IR) radiation, hot sparks and spatters resulting from arc welding and cutting. At the same time it provides protection against high speed particles. It is adapted for use with powered air purifying respirators CleanAIR® or with continuous flow compressed air breathing apparatuses CleanAIR®.

Professional flip-up welding helmet suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Thanks to the large clear visor it is very convenient for grinding.

- The highest respiratory protection and more comfort thanks to an advanced built-in air distribution system
- True colour ADF with the highest optical quality 1/1/1
- Fast and easy replacement of all spare parts



# Expand your perspective

## LIFT UP

The flip-up front can be lifted up whenever the wide undisturbed view is needed.



## STAY PROTECTED

The flip-up system allows you to switch between welding and grinding without compromising respiratory protection.



## BE VERSATILE

For extended non-welding jobs, simply remove the welding visor completely with one click.



# Multiple protection – eye, face and respiratory at once

## NATURAL COLORS

True colour ADF with the highest optical quality 1/1/1.

## FAST CHANGE

Fast and easy replacement of protective plates.

## VISOR OPTIONS

Clear visor of the highest optical quality can be easily changed for available alternative visors (yellow; shade 3,5; cylindrical with protection films).

## LIGHTWEIGHT AND DURABLE

Lightweight and durable shell, meets the requirements of EN 175 B and thus ensuring protection against high speed particles.

## GRIND MODE CONTROL

Easily accessible from the outside of the helmet.

## LIFT UP

The flip-up front can be lifted up whenever the wide undisturbed view is needed.

## CLICK-IN SYSTEM

The flip-up front can be easily removed and attached back thanks to unique Click-in system.

## ANGLE CONTROL

The tilt adjustment knob is easily accessible from the outside of the helmet.

## FULLY ADJUSTABLE

Outer control of the direction of the air in the helmet.



Compatible powered air purifying respirators / airline systems

AerGO®



Basic



Chemical 2F



Pressure Flow Master



Pressure





# VariGEAR

CleanAIR®

## FITS ALL HEAD SHAPES

Newly designed head suspension allows multiple individual settings.

## SOFT PADDINGS

The soft padding sits gently on the top of the head and ensures better weight distribution and a perfect fit.

## QUICK REPLACEMENT

Easy replacement of the headgear just by sliding it out of the holder.

## COMFORTABLE HEADGEAR

The crown part of the headgear is vertically adjustable to fit all head shapes and sizes.

## CUSTOMISABLE

Easy adjustment of the distance between the face of the welder and the visor. Keep the visor as close as possible to your eyes for a wider view and minimum neck strain.

## HOSE HOLDER

Easily removable hose holder can be placed either left or right.

## COMFORT FOR YOUR HEAD

The soft padding of the back part of the headgear swivels to fit different head shapes.

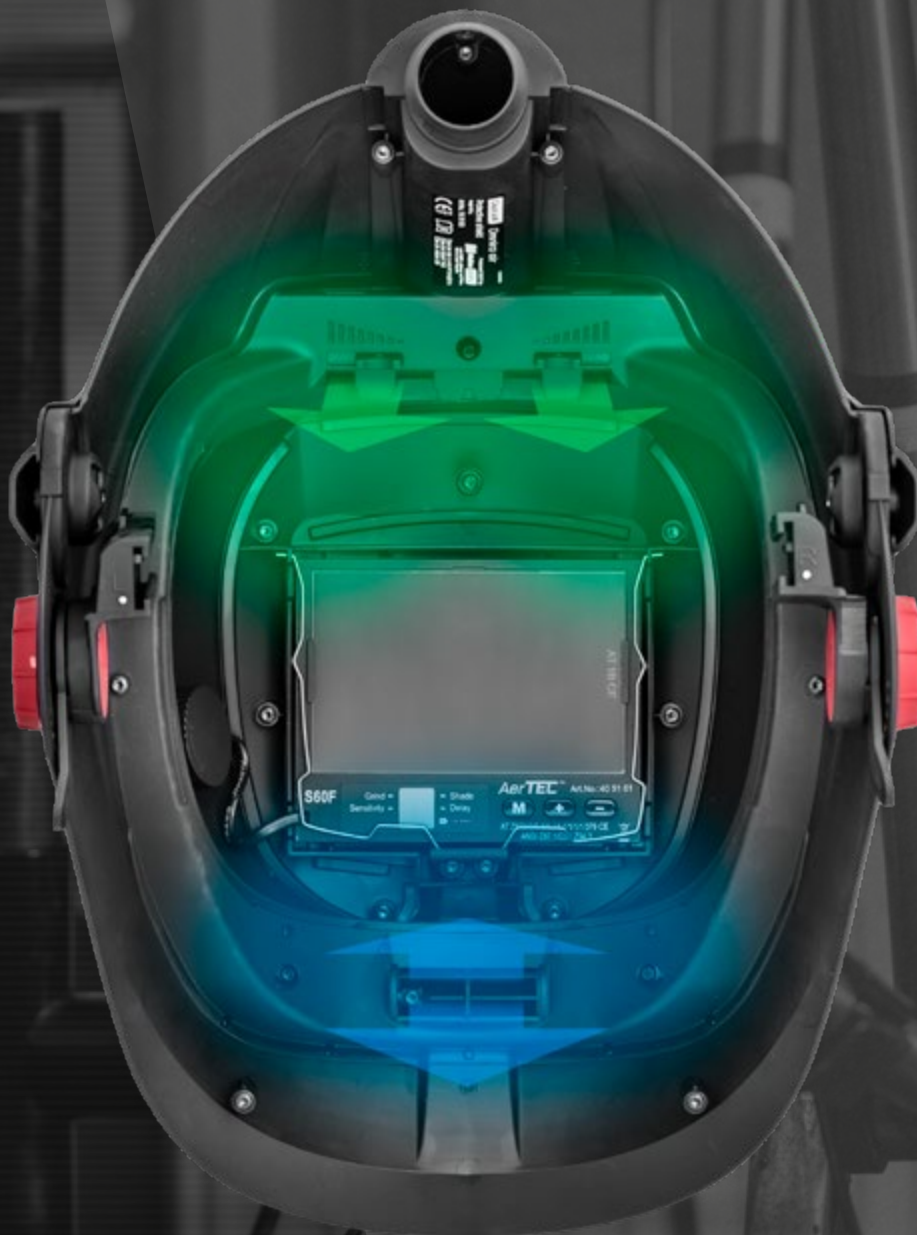
## PRECISE FIT

The smooth ratchet mechanism allows precise adjustment of the head circumference and a secure fit.





# Adjustable air flow



For more individual comfort you can regulate the airflow in two zones

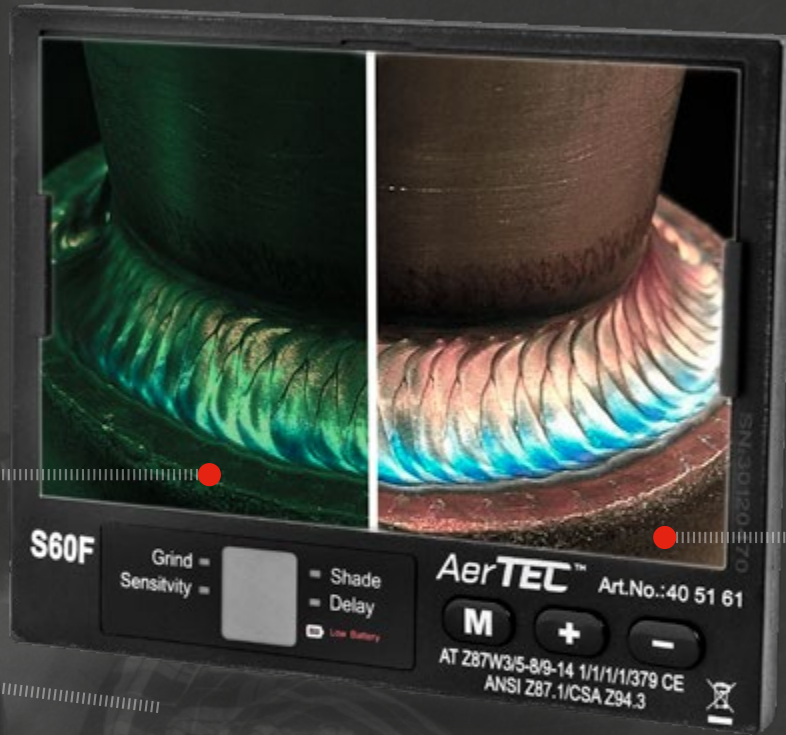
**Zone 1** – Control knob accessible from outside the helmet controls the direction of the air coming from the lower part of the airduct.

**Zone 2** – The two other outputs are located in the upper part of the helmet. The intensity of the airstream can be regulated by the two sliders inside the helmet.



# Superb optics for your better view - ADF S60F

CONVENTIONAL  
ADF



## TRUE COLOUR TECHNOLOGY

True colour display  
for increased colour  
perception  
and excellent clarity  
of vision at all time

## SEE MORE

Large viewing area 98 x 62 mm

- Superb optics for a better view
- Ten available dark shades for various welding jobs
- The delay function allows the user to set the switching time from dark to light
- A wide range of sensitivity settings allow the welder to adapt the ADF to all welding processes
- Four sensors for stable arc detection
- Smart power control – auto ON, auto OFF (after 30 min if not in use)
- Meeting the highest requirements according to EN 379 for eye protection of welders

## Extend your protection

available accessories\*

Protective head cover, flame retardant 70 30 71  
Protective neck cover, flame retardant 70 30 72

\* comes standard with CleanAIR® Omnira COMBI air





**CleanAIR<sup>®</sup>**by **maxisafe<sup>®</sup>**

# Omnira COMBI air

## Helmet technical specifications

Weight	1017 g
Material	Welding shield - PA ADF - PA, PC, Glass Protection plate - PC Headgear - PP, PA
Hose connection	QuickLOCK™
Certification / NPF – respiratory protection	powered air purifying respirators - EN 12941, TH3 / NPF 500 airline systems (supplied air) - EN 14594 (3B) / NPF 200
Certification – eye and face protection	protective visor TR1 - EN166 1 FT B K N frame - EN166 3 4 5 FT B 5/2-5

## ADF technical specifications

ADF dimensions	110 x 90 x 7 mm
Viewing area	98 x 62 mm
Shade range	dark state, variable 5-8 / 9-14 light state 3
Switching time	0,00015 s (0,15 ms) - light to dark 0,1 - 0,9 s (adjustable) - dark to light

## Product name

## Product code

Omnira Flip-up Welding Helmet incl. ADF S60+ Shade 5-14	RW01127
Omnira Flip-up Welding Helmet incl. ADF S60+ Shade 5-14, combined with Basic PAPR Belt Unit	RW01127-CB
Omnira Flip-up Welding Helmet incl. ADF S60+ Shade 5-14, combined with AerGO PAPR Belt Unit	RW01127-CA
Omnira Flip-up Welding Helmet incl. ADF S60+ Shade 5-14, combined with Pressure PAPR Belt Unit	RW01127-CP

**maxisafe<sup>®</sup>**Techware Pty Ltd  
30 Bonview Circuit, Truganina  
Victoria, Australia 3029  
Tel.: 1300 062 947 | sales@techware.net.au[www.maxisafe.com.au](http://www.maxisafe.com.au)