

allerair

AllerAir Industries

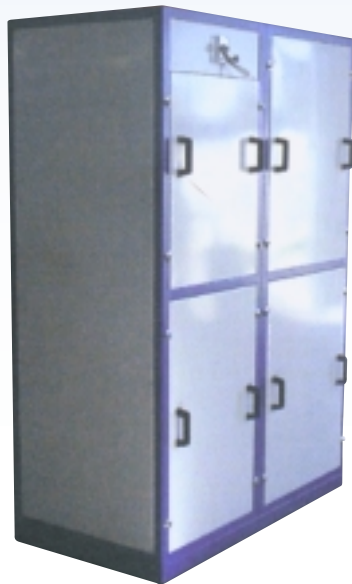


The **NEW GENERATION**
of Environmentally Friendly
**Air Purification
Systems**



SPECIAL CONFIGURATION

- ▶ Military maintenance establishments
- ▶ Military firearm production establishments
- ▶ Leather factories
- ▶ Building technologies
- ▶ Building automation



REGULAR CONFIGURATION

- ▶ Chemical industries
- ▶ Plastic industries
- ▶ Paint industries
- ▶ Laboratories
- ▶ Many other applications

Our **Indoor Air Quality System (IAQS)**
ensures the air you breathe inside
is actually cleaner than the air outside.

88 lbs. of carbon / 1450 CFM
Unit dimension.
(dim. 27.6" x 59" x 78.7")
(dim. 700 mm x 1500 mm x 2000 mm)



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AllerAir Industries

Military Division
designed in Italy

Regular and military configurations

AIR DEFENDER 2500



AIR DEFENDER 2500

Environmentally purified

The Air Defender 2500 is suitable for different uses in the industrial, military and environmental sectors. This unit removes powders, fumes, odors, solvents and gases from the air. Suitably equipped, this unit is also employed in laboratories where missile and land mine maintenance is carried out. Due to the destruction of antipersonnel mines or in factories where purification of trinitrotoluene powders.



Optional control panel unit



Air purification control panel option

The air purification control panel ensures a better operating control of the units main functions.

- Weekly starting / stopping can be programmed
- Filter operating hours can be verified as well as the remaining operating hours
- Filter pressure can be verified
- Fan's total operating hours can be verified
- Unit starting / stopping by means of the air quality feeler (optional)
- UV germicidal lamp notification

*An exceptional machine
for investing in health.*



Military Division
designed in Italy

Code

902011164

Description

Air Defender 2500 Military
(dim. 27.6" x 59" x 78.7")
(dim. 700 mm x 1500 mm x 2000 mm)

Spare parts

Synthetic Filters (Pre-filter + filter)	(3 months)
Filter HEPA H 13	(9 months)
Activated carbon filter (88 lbs.)	(12 months)
Metal mesh filter	(3 months)
Corrugated filter	(3 months)

Technical characteristics

Weight (including carbon)	lbs.	1067
Air capacity	CFM	1470
Activated carbon	lbs.	88
Electrical energy required	HP	1.5 HP
Motor rev.	RPM	1450

Options for the Air Defender 2500 (on request)

Code

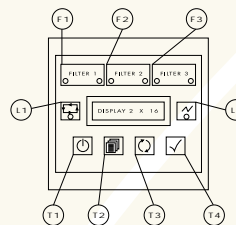
ADP 01
PHI TUV11
TLC DE01

D8 RLQ
BSM 01
BST 02

QD AST

Description

Control panel (Air purification panel)
Germicidal lamp
Remote control with receiver on board
Air quality sensor (for machine auto-start)
Articulated lever with metal hood
Articulated lever with transparent hood
Sparkproof panel



The control panel was designed in order to control the main functions of the purification system unit. This electronic control card assures that the unit is functioning properly by scheduling fan's starting operation, controlling the filters and UV lamp usage. The control panel also allows easy and fast visibility to view the units condition.

Control buttons:

- ▶ Four key buttons: T1, T2, T3, T4.
- ▶ Two LED lights for unit function: L1, L2.
- ▶ Tree labels representing the filters: F1, F2, F3, each of them having two LED lights. (Green & Red)
- ▶ A LCD display screen 2 x 16 cm.

The control panel also displays the air quality and enables you to start the fan depending on air pollution.

The control panel can read sensors placed on the filters inlet and the other placed on the outlet, in order to check by comparison the filters saturation.

Weekly starting can be programmed / Remaining filter functioning hours can be viewed / Fans total functioning hours can be viewed.