

**2500 L/h Air generation
and treatment Mobile Unit**

Made in a soundproof metal cabinet, its two triplicate wheels enable easy movement, even on stairs, a feature which makes it extremely useful in emergency situations.

Powered by 220 V AC it is able to provide the user with a maximum continuous flow of 2500 litres/hour with a typical relative humidity below 1.5%.

Air generation:

Air is generated by a 1.5% CV single-phase motor connected by a belt to a boxer configuration 4-cylinder pumping unit preceded by a muffler and anti-dust filter and followed by a cooling coil. The unit rated delivery is 8000 litres/hour.

Drying:

The air is dried in a first phase by a coalescence filter and then by two self-regenerating columns with molecular sieves that guarantee a level of relative humidity well below 5% in all ambient conditions.

Tank:

The air released by the drying unit is stored in a 20L stainless steel tank at a pressure between 4 to 6 bars.

Outlet:

The air in the tank is taken to the outlet via a mechanical regulator that stabilises the pressure value.

Control:

The section is completely autonomous and piloted by an internal microprocessor that controls the operation via a series of sensors. The measurements taken include: tank pressure, outlet pressure, relative humidity, head temperature etc. etc.

Two manometers on the front indicate the outlet and tank pressure.

The section can work independently or when connected to a control section (SDC) via a serial data interface. The data interface enables both the reading of the operational parameters and measurements and their programming.

**Main features:**

AC Power: 220V 10A

Size: 550L x 560P x 1000H

Weight: 65kg

Outlet Press.:
0 - 2000 hPa adjustable

Working delivery:
2500 NL

Outlet humidity:
<< 5% (typically 1%)

Data Interface:
RS 485 9600 bit/s