

The best air for a better performance

ONE OF THE ASPECTS ON WHICH WALCOM® HAS ALWAYS WANTED TO FOCUS, IS THE QUALITY OF THE AIR USED FOR THE PAINTING PROCESS.

IT IS ESSENTIAL FOR AN OPERATOR TO HAVE AIR THAT IS PERFECTLY FILTERED FROM ANY FORM OF IMPURITY AND PERFECTLY DEHUMIDIFIED. THE ABSORPTION OF RESIDUAL HUMIDITY, THAT IS THE PART NOT RETAINED BY THE DRYER AND THAT IN ANY CASE FORMS ALONG THE PIPELINE THAT GO FROM THE DRYER TO THE PAINTING BOOTH, CAN SERIOUSLY AFFECT THE PAINTING RESULT.

THIS APPLIES BOTH TO THE WATER BASECOAT, WHICH IS FURTHER ADDED WITH WATER TO THE DETRIMENT OF THE COLOR-MATCH AND FLASH-OFF TIME, AND TO THE CLEARCOAT WHICH, ADDED WITH WATER, CAN GENERATE HOLES AND OPACITY.

THE EVO SERIES IS CHARACTERIZED BY THE POSSIBILITY OF AUTOMATICALLY REGENERATING THE SILICA GEL, ALLOWING THE OPERATOR TO ALWAYS WORK IN THE ABSENCE OF HUMIDITY, WITHOUT HAVING TO CARRY OUT ANY MANUAL ACTION.

THE RESISTANCE INSERTED INSIDE THE SILICA GEL TUBE IS ACTIVATED AUTOMATICALLY AS SOON AS THE CONTROL UNIT DETECTS THE MINIMUM PRESSURE DIFFERENCE BETWEEN INLET AND OUTLET. THIS PRESSURE DIFFERENCE IS GENERATED BY THE PRINCIPLE OF SATURATION OF THE SILICA GEL WHICH MUST BE REGENERATED.

FSRD 4 EVO REF. 60177

A MODULAR FILTER SYSTEM IDEAL FOR USE IN THE SPRAY BOOTH

Composition:

- 1) Pre-filtering element in synthetic fibre for the elimination of condensation. Automatic discharge.
- 2) Oil-separating filter for the elimination of residual pollutants. Manual drainage tap.
- 3) Silica dryer group to reduce residual humidity in the compressed air. Nr. 3 saturation indicator lights.
- 4) Active carbon filter to eliminate all impurities and obtain breathable air.

Automatic regeneration of silica gel using integrated resistance and control unit.

- Max residue < 0.0003 mg/m³
- Central body: anodized aluminum
- Air inlet: F 3/4"; air outlet: n° 2 from M 1/4"
- Filtering power: water filter 25 µm - oil 0.01 µm - carbons < 0.0003 mg/m³
- Operating air pressure: 12 bar / 174 psi
- Air consumption: 1200 l/min to 6 bar / 42 cfm at 87 psi
- Weight: 11.5 Kg
- Non-ATEX product, to be mounted outside the paint booth.

