SUPER-DRY
NO MORE WATER.

Case Study

Reliable Dry Air for a Pennsylvania Body Shop

Problem

A busy automotive body shop in Pennsylvania was experiencing issues with their compressed air system. The steel housing of their existing dryer (a competing product) had begun to rust and develop air leaks, compromising air quality and causing paint defects such as fish eyes and orange peel.

Downtime and rework were increasing costs and frustration.

Solution

The shop replaced the corroded system with a Super-Dry 3-stage setup, featuring:

- ✔ FSD-85-W Water Separator – removes bulk liquid water
- ✔ SAF-85-Y Coalescing Filter – captures oil aerosols and fine contaminants
- ✔ D1 Desiccant Air Dryer – ensures consistently dry air at the point of use

Each component is built from durable aluminum casting, providing corrosion resistance and a 25-year life expectancy — giving the customer the confidence that their air system will remain clean, dry, and reliable for decades.

Results

After switching to Super-Dry, the body shop achieved:

Clean, dry air for flawless paint finishes

Zero corrosion issues thanks to aluminum construction

Long-term peace of mind with rugged, maintenance-friendly design

By eliminating moisture and oil contamination, the shop completely resolved fish eyes, orange peel, and other moisture-related paint imperfections.

Products Used

Super-Dry FSD-85-W Water Separator

Removes bulk water droplets before they reach filters or dryers.

Super-Dry SAF-85-Y Coalescing Filter

Captures oil aerosols and fine particulate for ultra-clean air.

Super-Dry D1 Desiccant Air Dryer

Provides ultra-dry compressed air directly at the spray gun.

Recommended Configuration

3-Stage Air Treatment System:
FSD-85-W ➔ SAF-85-Y ➔ D1

Client Profile

An established automotive body and paint shop in Lock Haven, Pennsylvania, specializing in professional refinishing and collision repair. The shop prides itself on high-quality results and reliable equipment that keeps production running smoothly.