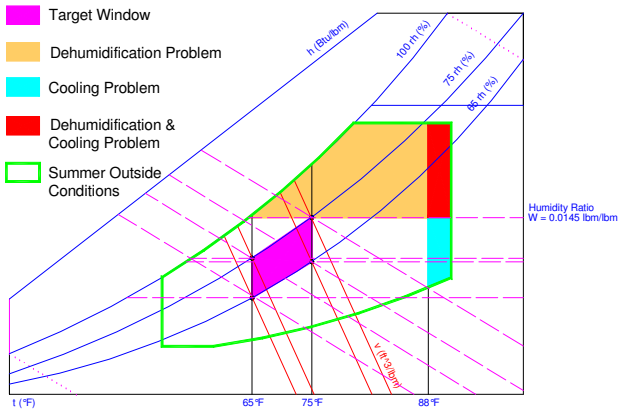
HONDA

Honda Marysville Motorcycle Plant

PROJECT SUMMARY



Location
Marysville, Ohio, USA

Type of Projects
Pain Shop Air Supply Units
Analysis and Recommendations

Annual Volume
150,000 Motorcycles and Utilities Vehicles

Total Investment
$ 418,000

Role
- Psychrometric Charts for each Air Handling Unit
- Calculations, Schematics, Charts and CAD Design
- Solution Concept Development Including Budget Estimates for Investment and Operational Cost Savings

Opportunity

1. Lack of adequate control of temperature and humidity in the spray booths.
2. Condensation in the supply ductwork and spray booth filters.

Objectives

1. Provide the ability to control temperature in the spray booths between 65 and 75 degrees Fahrenheit
2. Provide the ability to control humidity in the spray booths between 65 and 75 % relative humidity.
3. Eliminate the condensation problems

Scope of Work and Deliverables

1. Alternate solution concepts were developed and evaluated for performance and cost. Best solutions were recommended and supported with budgetary cost estimates.
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3. Global Performance issued Honda a detailed project report with content that Honda was able to include in simple and specific mechanical bid packages.

Results

1. Honda was able to identify the best solution for their specific application
2. Honda was able to procure that solution with the most competitive pricing due to the existence of a very detailed bid specification.

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