Basics of ACHES Software

This software is designed to familiarize users with the types, components, and features of air-cooled heat exchangers. It includes a calculator that will provide "ball park" estimates of your project.

**(Pricing data updated 2nd quarter of 2015)**

Click here to download: Download Basics of Air-Cooled Heat Exchangers (2.13 MB)

Sample Screen Shots:
## Input for ACHE Size and Price Estimate

### 1. Input Project Description
- Title: The Basics of ACHE Default Problem
- Item Number: Sample Case 1

### 2. Select Units
- English

### 3. Select Type of Service and Hot Fluid
- Service: Condensing, Gas Cooling, Liquid Cooling
- Hot Fluid Side Fluid: Light Gasoline

### 4. Select Fan Draft
- Forced

### 5. Input Hot Fluid Parameters
- Heat Duty, Million Btu/hr: 15.0
- Inlet Temperature, °F: 250.0
- Outlet Temperature, °F: 150.0

### 6. Input ACHE Parameters
- Inlet Air Temperature, °F: 100.0
- Tube Length, Feet: 32
- Number of Tube Rows: 6
- Tubes and Headers: Steel

### Price Multiplication Factor: 1.00

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