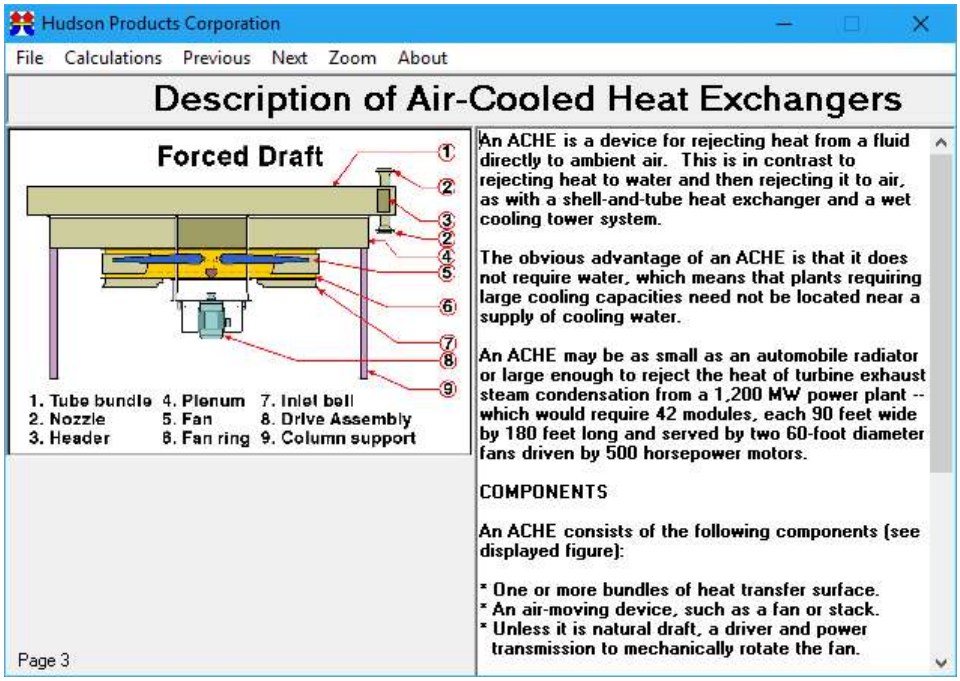
Basics of ACHES Software

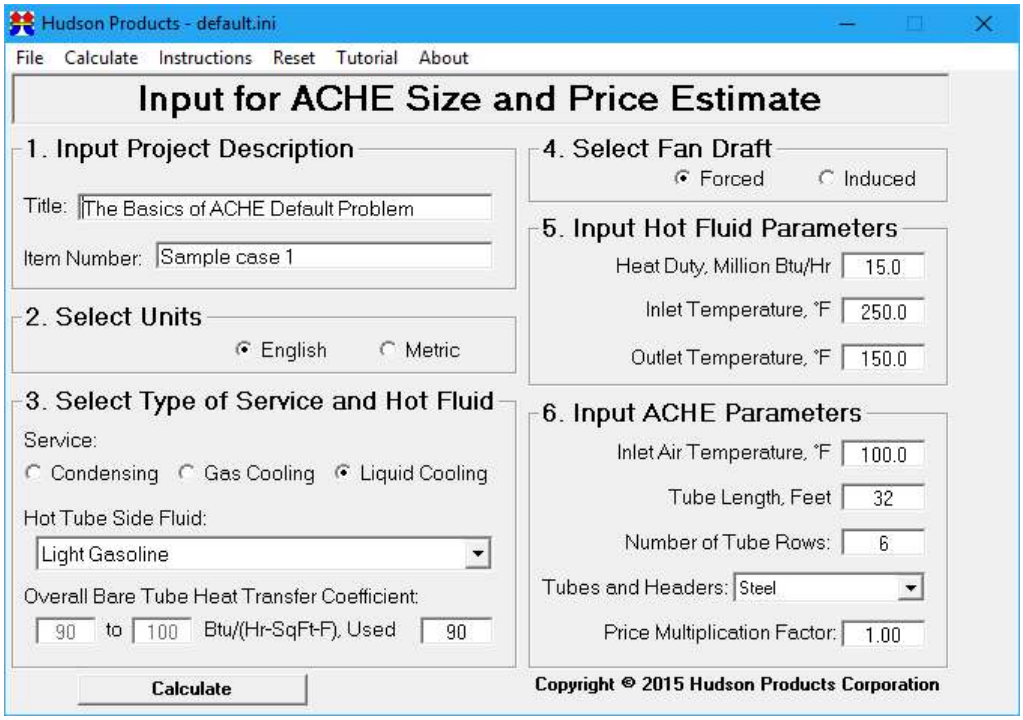
This software is designed to familiarize users with the types, components, and features of air-cooled heat exchangers. It includes a calculator that will provide "ball park" estimates of your project.

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

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

Sample Screen Shots:




Hudson Products - default.ini
File Calculate Instructions Reset Tutorial About
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 Metric
3. Select Type of Service and Hot Fluid
Service:
Condensing Gas Cooling Liquid Cooling
Hot Tube Side Fluid:
Light Gasoline
Overall Bare Tube Heat Transfer Coefficient:
90 to 100 Btu/(Hr-SqFt-F), Used 90
Calculate
4. Select Fan Draft
Forced Induced
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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