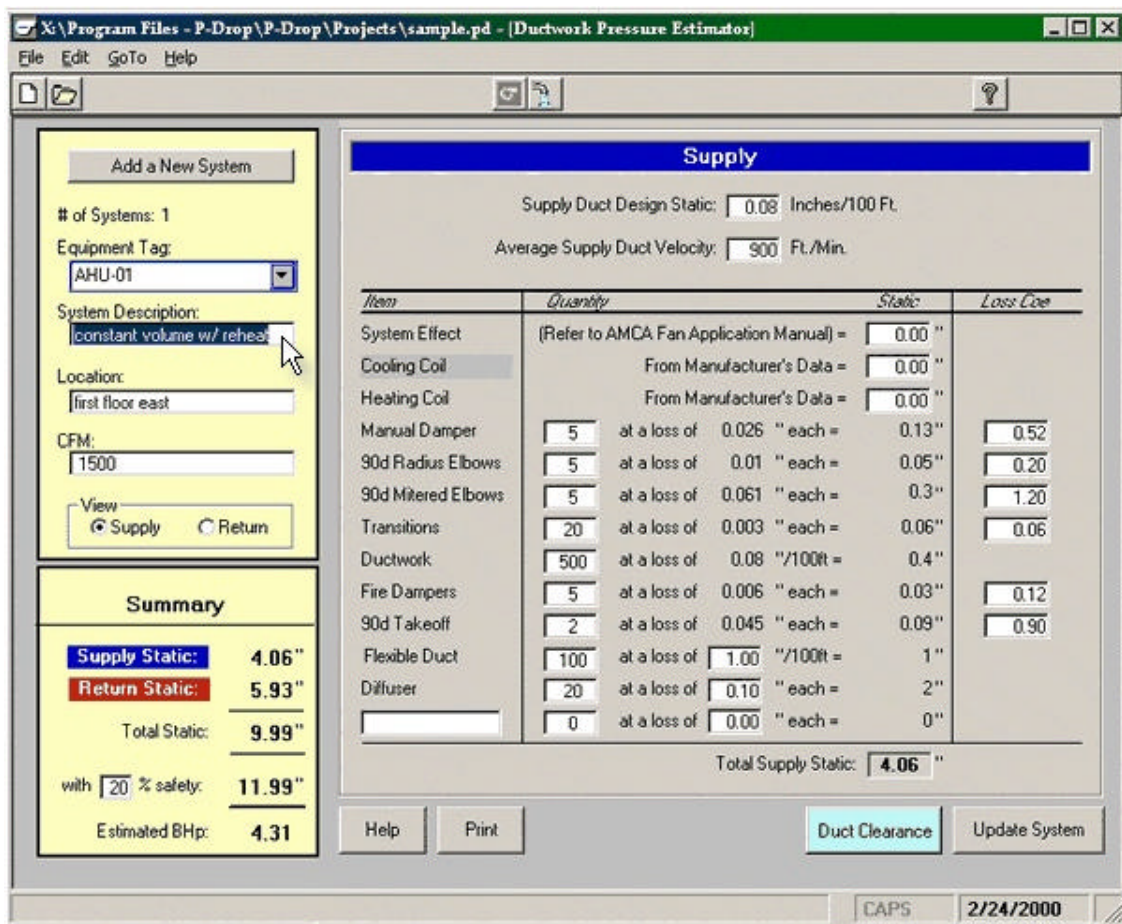


Most HVAC ductwork and piping systems are sized using ductulators and pipe sizing tables respectively. Its done this way by thousands of engineers and contractors for one simple reason - its the fastest method. However, an accurate pressure drop must be calculated to size the fan or pump. A mistake usually causes costly change orders.

P-DROP quickly and easily calculates air pressure drop in duct systems that have been sized using a ductulator. The software also calculates water pressure drop for systems sized by charts.

These pressure drops can be used to select fans and pumps more accurately.

P-DROP was developed by Design and Consulting Engineers for use by Engineers, Contractors, and Architects. The program has been used daily by engineers on many actual projects.



FEATURES

- Calculates Air Pressure Drop in Supply, Return, and Exhaust Ductwork systems.

- **Calculates allowable duct clearances and prints detail**
- **Calculates Pump Head Pressure for Open or Closed Systems.**
- **Reduce Design Errors.**
- **Reduces Design Time.**
- **Easy to Learn Spreadsheet Type Interface.**
- **Saves calculations in project friendly format.**
- **Prints out all calculations for great-looking documentation**

Quality control will be improved in the design of all projects since the program helps users not to "forget" important pressure losses in duct and piping systems.

P-DROP even helps calculate system effect pressure drop instantly!

Ductwork Pressure Drop

P-DROP allows you to quickly calculate air pressure drops for any fan, AHU, DX, FCU and other systems.

Best of all, it only takes 2 minutes to enter the information into the program for each fan system.

You may customize the calculations based upon average friction drop and average velocity used to size the system.

Piping System Pressure Drop

P-DROP also uses a simplified approach to calculate the head pressure drop in the most critical leg of a piping system that has been sized using a pipe sizing chart or tool.

But P-DROP takes one tenth the time to estimate pressure drop when compared to other computer programs. The input only takes a couple of minutes instead of hours required by the Trane, ELITE, and Carrier program.

Never underestimate pump head again! P-DROP's simplified method has been used by Consulting Engineers for years to quickly and accurately calculate head loss without entering a lot of data.

Using the P-DROP method will reduce design time.

The program helps document design calculations and allows you to save design data for multiple projects.

Requirements:

- Windows 95, 98, 2000, NT or XP.