Data Resource Systems, LLC –
Software for the Petroleum
Industry Since 1991

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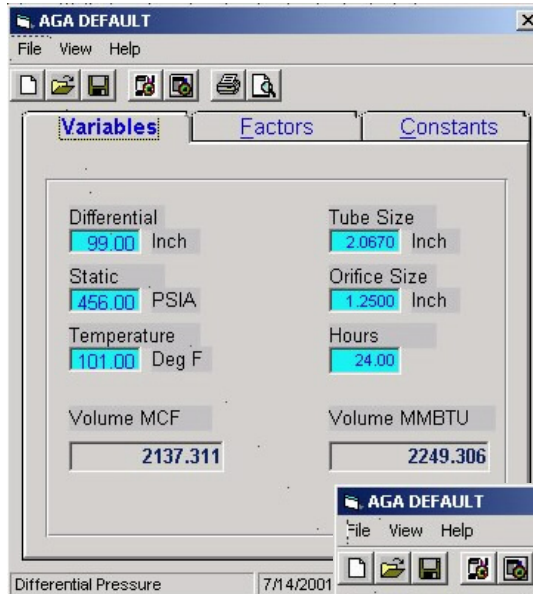

August 2001

Gas Volume Calculator

for calculation of AGA formulae for linear, square root, and percentage readings. Windows and DOS versions available.

Features

1 **A**GA 1992 calculation method. NX-19 supercompressibility calculation. Adjusts for flange or pipe taps.

2 **P**owerful "what if ?" tools for performing backward calculations of differentials or orifice plates!

3 **S**tore site data and print calculation data sheets with variables, constants and factors.

4 **A**djusts for effects of temperature upon meter tube and orifice plate material including stainless steel, carbon steel or monel.

5 **A**djusts for carbon dioxide, nitrogen, specific gravity, heating value, temperature base, pressure base, and barometric pressure.

6 **O**bserve dynamic effects of changes in variables and constants upon factors. Great learning tool!

7 **C**onvert square root or percentage readings to actual values and reverse.

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AGA Orifice Calculator - Version 5.0

Enter differential, static and temperature readings in real values, square roots or percentages.

Enter tube size, orifice size and number of hours or portion of an hour.
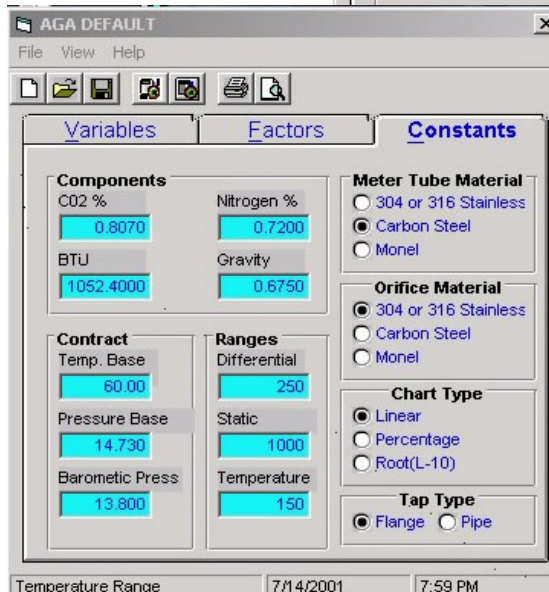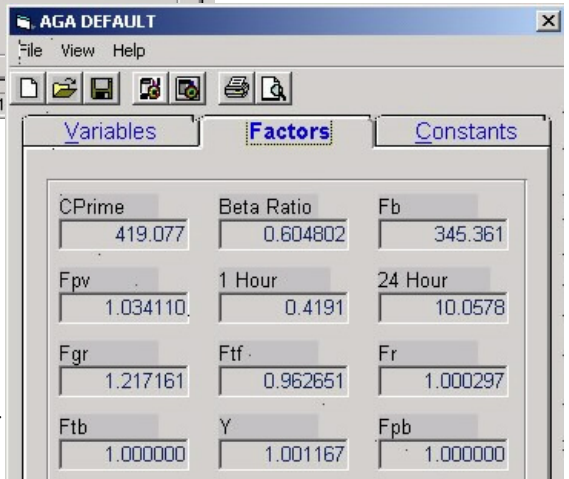
Makes sizing of orifice plates a snap!

Easily find set points for desired flow rates.

See effects of changes in variables and constants.

Troubleshoot published volumes and isolate problem areas in measurement previously overlooked.

Create 24-hour coefficients for hand calculations.

Adjust for contract temperature and pressure bases, barometric pressure, and NX-19 gas quality.

Select meter ranges for conversion of square root and percentage readings.

Select meter tube and orifice material, chart or reading units, and differential pressure tap location.

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