

Run Program

InsertionSizing.xls

(Hoffer Flow Controls, Rev. 1.02)

Excel Insertion Flowmeter Sizing Program User Instructions

The new insertion sizing program is based on an Excel spreadsheet. Microsoft Excel program must be installed in order to run the insertion sizing program.

The insertion sizing program can be run from CD, floppy disk, or by coping the program file to a local PC hard drive.

When the program is started the warning message “File contains macros...” appears. Select “Enable Macros” in order to run the program.

Entry Fields Description

Use **mouse** to move cursor between fields.

Date, Customer, Reference: Optional fields, enter any word or number.

Reference Standard: Select an appropriate standard condition.

Line Size: Enter pipe size.

Select Gas: Select type of gas. If “User Defined” is selected enter gas density in Lb/cu ft.

Flowrate: Enter the minimum and maximum flow rates and the units of measure. Do NOT enter 0 for minimum flow rate. The program will not calculate if 0 is entered.

Temperature: Enter the minimum and maximum temperatures, and the units of measure. Note: The minimum number must always be lower then the maximum number.

Pressure: Enter the minimum and maximum pressures, and the units of measure.

Flow results in user selected units: If this box is unchecked, the results are in ACFM.

Note: All the fields have to be entered to run the program. An error message is displayed if a field is omitted.

Entries to the fields can be changed or reset at any time. When finished with entering/editing data click on Calculate. The program displays results in the table below the entry fields.

Save, Print calculation results. The program file can be saved or printed just like an Excel file.