

Valley Air Solutions LLC

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2007 Customer Application Data Sheet BIOGAS FT2+ Flowmeters

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CUSTOMER INFORMATION

Company Name and Address:

Customer P.O. Number:

Phone:

Fax:

Contact:

Email address:

CUSTOMER PROCESS DETAILS

Application Description

Describe type of application (e.g. Cogen, Flare, Boiler, etc.).

Gas Information

Gas Name:

Mixed Gas Information

Please attach a gas composition analysis.

Total composition must add up to 100%.

Indicate if data is % Volume (moles) or % Weight (mass)

Process Conditions

	Minimum	Nominal	Maximum	Units
Flow Rate:	_____	_____	_____	Select ▼
Temperature:	_____	_____	_____	Select ▼
Pressure:	_____	_____	_____	Select ▼

Input Power

Select ▼

BIOGAS FT2+ INSTRUMENT DETAILS

Flowmeter and Display Orientation - See Code Sheet

Select ▼ Optional

Temperature Units: Select ▼

4 mA Value: _____

20 mA Value: _____

Flow Rate 4 to 20 mA Scaling and Display Units Selection

Flow Rate Units: Select ▼

4 mA Value: _____ (Normally 0)

20 mA Value: _____

Standard Temperature and Pressure (STP)

Select ▼

Other - select values & units: _____ and

Area Classification

Sensor:

Electronics (If Remote):

PIPING INFORMATION AND STRAIGHT PIPE REQUIREMENTS

Pipe size: _____ Schedule: _____ Pipe ID*: _____ Duct Dimensions*: _____

* An accurate pipe/duct inside diameter required for Insertion Flowmeter applications to ensure correct flow rate calculation.

Insertion Flowmeters: VAS recommends 15 pipe diameters of straight pipe upstream of the flowmeter and 10 diameters downstream.

Inline Flowmeters: VAS recommends 8 pipe diameters of straight pipe upstream of the flowmeter and 4 diameters downstream.

If you do not have the recommended straight pipe please complete the following for your application:

_____ straight pipe diameters upstream of the flowmeter.

_____ straight pipe diameters downstream of the flowmeter.

Name of Customer Authorized Preparer