

- Hot & Chilled water applications
- Multijet flow measurement
- Pulse Output
- 8-digit Readout

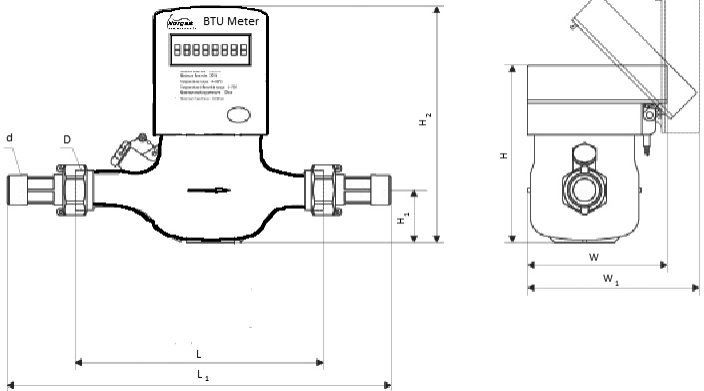


The Norgas Metering Technologies BTU meter provides accurate thermal energy measurement in chilled water, hot water and hydronic BTU transfer systems. BTU measurement is determined by two integral temperature probes, multijet type water flow meter and a calculator showing multiple data points along with pulse output making this system the most accurate way of measuring thermal energy.

### Functionality

The BTU meter consists of a multijet type water flow meter, two temperature sensors and a calculator. The water flow meter measures the water flow, the temperature sensors record the input and return water from the exchanger in the system. The calculator then calculates the BTU exchanged in the system. Also the calculator LCD readout shows flow totals, each sensors temperature, temperature difference, flow rate and kBTU usage along with pulse output of kBTU for billing or monitoring systems.

DIMENSION	1/2" BTU METER	3/4" BTU METER
D	G3/4B	G1B
d	1/2" NPT	3/4" NPT
L	5"	5"
L <sub>1</sub>	9"	9"
H	4.6"	4.6"
H <sub>1</sub>	1.4"	1.4"
H <sub>2</sub>	6.5"	6.5"
W	3.7"	3.7"
W <sub>1</sub>	4.5"	4.5"
Weight (incl. connections)	3.2lb	2.8lb



FLOW METER	
Max Flow Rate	22 gpm
Nominal Flow Rate	11 gpm
Minimum Flow Rate	0.22 gpm
Error (Min to Max Flow Rate)	3% to 1%
Head Loss @ Nominal Flow	3.5 psig
Operating Pressure	150psig
Temperature Range	35F-203F
Installation	Horizontal

TEMPERATURE SENSOR	
Style	P,1000
Connection Type	2-wire
Temperature Range	32F-221F
Cable Length	5ft

CALCULATOR	
Temperature Range	34F-210F
Temperature Differential Range	37F-167F
Lithium Battery	3.6V Replaceable >5yrs Life
Display Digits	8 LCD
Output Pulse – Contact Closure	1 pulse = 1000BTU