



• **FLOW METER DISPLAY MODULE •**
D-1200 SERIES



DESCRIPTION

D-1200 series displays are modular flow display centers that convert ONICON insertion and inline flow meters into complete flow monitoring stations. The wall-mounted modules display the current flow rate and total and provide a low voltage DC power source capable of powering most ONICON inline and insertion flow meters.

The versatile display module can be located close to the flow meter or up to several hundred feet away. Using the flow meter with the display module will also allow you to support other remote devices such as BTU meters, building control systems, and data acquisition systems.

Wall Mount Display for Flow Rate and Total

GENERAL SPECIFICATIONS

MECHANICAL

Electronics Enclosure: Steel NEMA 4 wall mount, 6" x 6" x 4"
 Note: Enclosure varies dependent on number of displays

ELECTRICAL

Input power: Standard: 24 VAC 50/60 Hz, 750 mA max*
 Optional: 120 VAC 60 Hz, 250 mA max
 Optional: 230 VAC 50 Hz, 125 mA max

*Maximum current varies with flow meter model and number of displays

INTERNAL POWER SUPPLY

Provides 24VDC, 250 mA maximum to electronics and flow sensor

INDICATOR(S)

Numeric LCD displays, 0.46" high digits
 Rate: 6 digits ("R" indicates rate)
 Total: 8 digits (Overflow indication provided)

FLOW SIGNAL INPUT/OUTPUT

Input: DC pulse/frequency or dry contact output from ONICON insertion or inline flow meters
 Output: Additional output signal(s) ordered with flow meter are available for connection to control system via the display module terminal strip.

PROGRAMMING

Factory programmed for specific application
 Field programmable via front LCD interface

MEMORY

Non-volatile EEPROM memory retains data in the event of power loss.

ENVIRONMENTAL

Operating temperature range: -20° to 140°F
 Operating humidity range: 0 to 85% RH (Non-condensing)

APPLICATIONS

- HVAC chilled water, condenser water, and heating hot water flow monitoring
- Domestic water flow monitoring
- Municipal water flow monitoring

FLOW METER MODELS SUPPORTED

Flow Meter Models	Display Options
F-1000 Series Turbine	Rate & Total
F-3500 Insertion Electromagnetic	Rate & Total

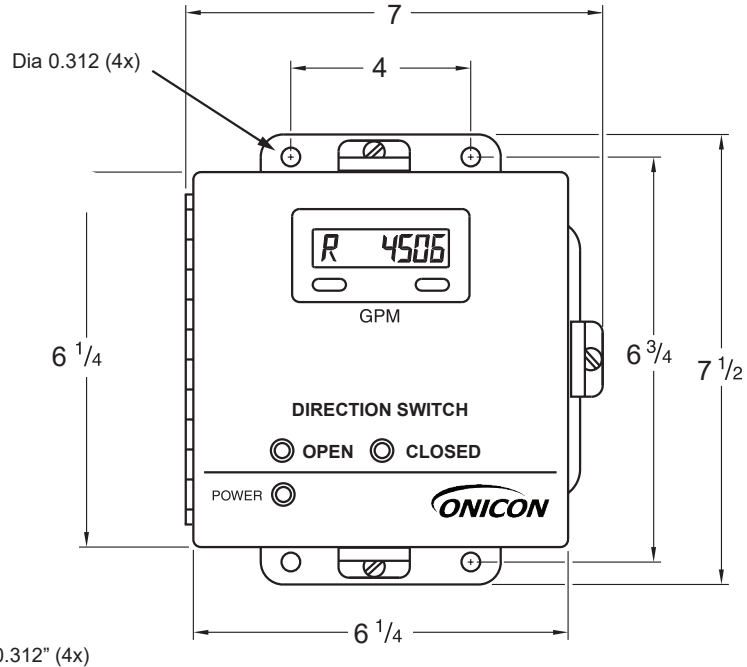
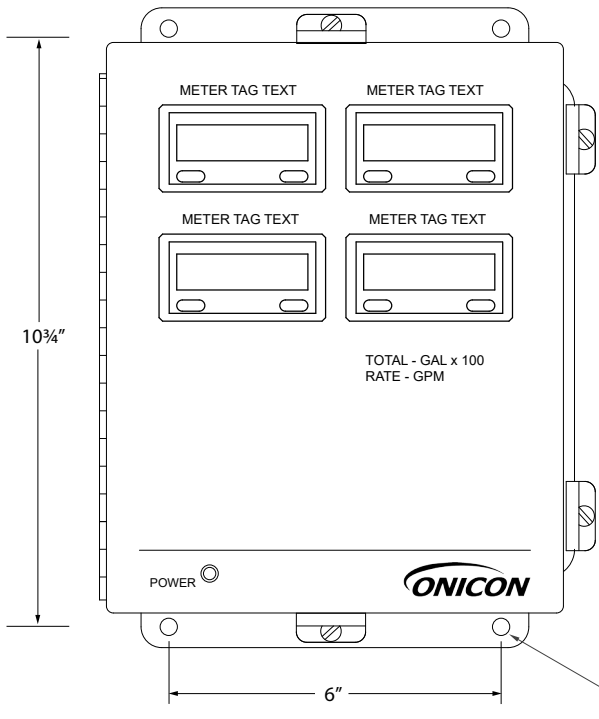


D-1202-01
 Made in the USA

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Model D-1204

Model D-1201



D-1203 to D-1206 Enclosure, 8" x 10"

D-1201 & D-1202 Enclosure, 6" x 6"

METER ORDERING INFORMATION

Meter Model Number Coding = D-12AA-BCDDE(-SPC)

D-12= Display Module		DD = Configuration	
AA = Number of Displays		E = Auxiliary Outputs	
01	One (1) display	01	Supports one (1) flow meter input
02	Two (2) displays	02	Supports two (2) flow meter inputs
03	Three (3) displays	03	Supports three (3) flow meter inputs
04	Four (4) displays	04	Supports four (4) flow meter inputs
05	Five (5) displays	05	Supports five (5) flow meter inputs
06	Six (6) displays	06	Supports six (6) flow meter inputs
B = Electronics Enclosure		11	Supports one (1) bi-directional input
1	NEMA 4 Enclosure, 6 x 6	SPC = Special Configuration	
2	NEMA 4 Enclosure, 8 x 10	0	No aux output
C = Input Power		SPC = Special Configuration	
1	24 VAC, 18 VA	101	Bi-directional input, LCD's directionally dependent
2	120 VAC, 30 VA		
3	240 VAC, 30 VA		
4	24 VDC, 8.0 W		