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| **The following language shall be used when specifying Flow Meters. Designs shall specify turbine type flow meters on hydronic piping system. Coordinate with Meters and Gages, Section 230519.** |

* 1. TURBINE FLOWMETERS
		+ - 1. Description: Insertion type; measures flow directly in gallons per minute (liters per second).

Construction: Bronze or stainless-steel body and plastic turbine or impeller. Wetted metal Parts: 316 stainless steel.

Pressure Rating: 400 psig minimum [600 psig for High Temperature Hot Water (HTHW)].

Temperature Rating: 200 degrees F minimum (400 degrees for HTHW).

Display: Visual instantaneous rate of flow, with register to indicate total volume in gallons (liters).

Accuracy: Plus or minus 2-1/2 percent.

Sensing Method: Impedance sensing.

Supply Voltage: 24 ± 4 VDC at 5 OMA.

Output: Isolated analog.

Manufacturer and Model: Onicon, F1211.