

# Application Data Form: F-2000 Series Meters for Steam Applications



Use this form to submit the application data that is required for vortex mass flow meter sizing and quotation

<b>Company Name:</b>	
<b>Contact Name:</b>	
<b>Location and Contact Information:</b>	
<b>Project Name:</b> and location (city,ST)	
<b>Specified By:</b> Engineering firm, city/ST ONICON spec'd by name or submitted & approved?	

<b>APPLICATION INFORMATION:</b>	#1	#2	#3	#4	#5
<b>METER TAG INFORMATION:</b>					
<b>PIPE SIZE:</b> (may differ from meter size)					
<b>FLUID TYPE:</b> (Saturated or superheated steam)					
<b>PROCESS PRESSURE:</b> (include seasonal changes if applicable)					
<b>PROCESS TEMPERATURE:</b> (include seasonal changes if applicable)					
<b>MAXIMUM MASS FLOW RATE &amp; UNITS:</b> Maximum flow per design ( <b>required</b> ) (Also refer to <i>Building Load Worksheet</i> )					
<b>MINIMUM MASS FLOW RATE:</b> Minimum flow required to be measured					
<b>ANALOG FLOW RANGE &amp; UNITS:</b> (4-20 mA = 0- ___ lb/hr, kg/hr, etc.)					
<b>APPLICATION TYPES:</b> 1. HVAC Heating HW      4. Humidification 2. Steam Boiler Output    5. Process Heating 3. Domestic HW            6. Other: _____					
<b>LOCATION DATA:</b> 1) Longest straight pipe length available for metering run. 2) Proximity to PRV or control valve; indicate distance and if up or down stream. Provide sketch or drawing (PDF) if possible.					

**AVAILABLE OPTIONS:** *These options may affect price. \* Connection type other than ANSI class 300 flange will affect lead time and price. \*\* May include multiplier to limit max hz)*

<b>* CONNECTION TYPE:</b> Standard: ANSI class 300 flange					
<b>ENGINEERING UNIT FOR 4-20 mA OUTPUT:</b> Choose from: lb/hr, kg/hr, Btu/hr, other					
<b>** ENGINEERING UNIT FOR PULSE OUTPUT:</b> Choose from: lb, kg, Btu, other					
<b>INTEGRAL PRESSURE SENSOR:</b> Required for superheated steam application					
<b>FLOW STRAIGHTENER:</b> To reduce the amount of upstream pipe run required.					
<b>REMOTE MOUNT ELECTRONICS:</b> Includes mounting hardware and a 32ft. cable between sensor body and electronics enclosure.					
<b>AUXILIARY DISPLAY MODULE (D-21XX):</b> A) D-2102 Rate and Total    B) D-21R1 Rate Only C) D-21T1 Total Only (24 or 120 VAC power)					

**METER SIZING RESULTS:** *this section to be completed by ONICON in most cases*

<b>Meter Size:</b> (meter is generally smaller than pipe diameter)					
<b>Meter Operating Range:</b> (at design pressure and temperature)					
<b>Pressure Loss at Design Max Flow:</b>					
<b>Meter Model:</b>					