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## DIMENSIONS & DATA CERTIFIED FOR:

Representative:

Order:

Customer:

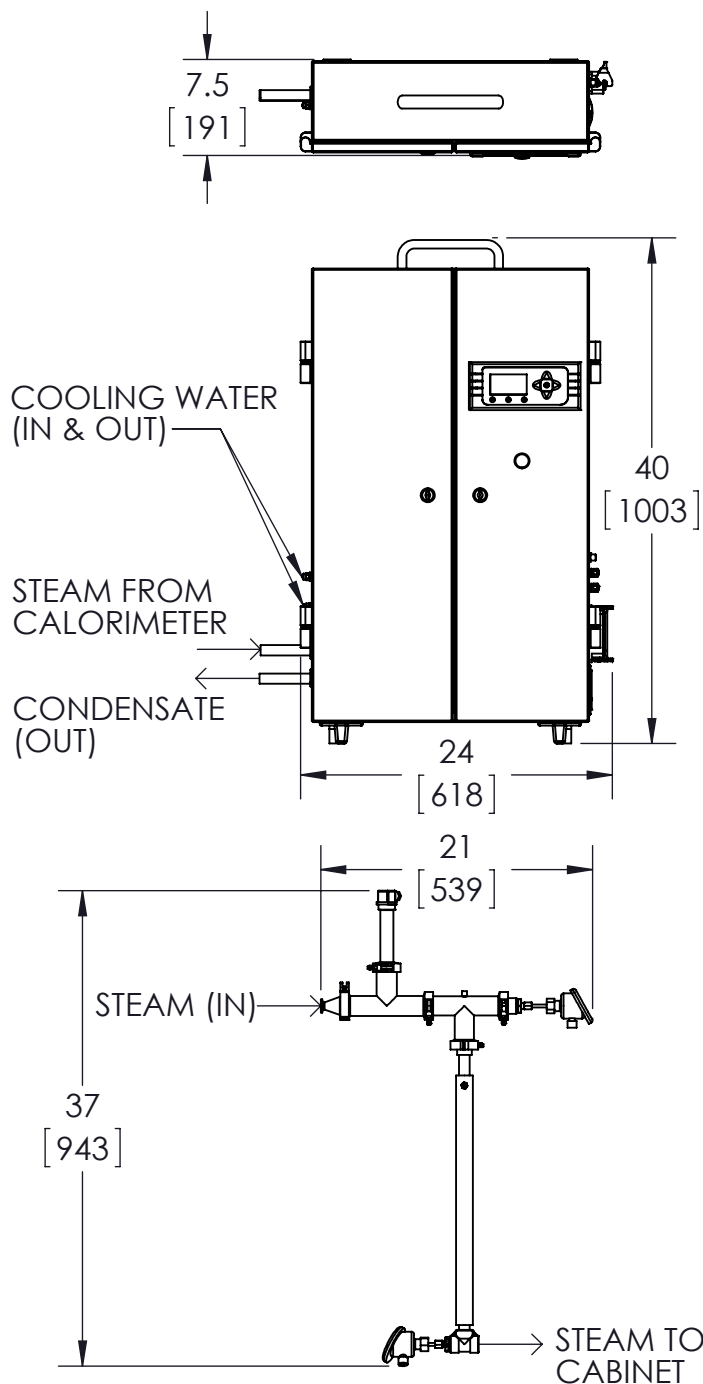
Order:

Project:

Requirements:

By:

Date:



### LIST OF MATERIALS

| NAME OF PART                | MATERIAL            |
|-----------------------------|---------------------|
| CABINET / FINISH            | ALUMINUM / PAINTED  |
| CONDENSER                   | 304 STAINLESS STEEL |
| CALORIMETER (PIPE MATERIAL) | 316 STAINLESS STEEL |

### TECHNICAL INFORMATION

|                                        |  |                         |                |
|----------------------------------------|--|-------------------------|----------------|
| MODEL NO.                              |  | STEAM QM-3              |                |
| CONNECTION                             |  |                         |                |
| CONNECTIONS                            |  | TYPE                    | SIZE           |
| STEAM                                  |  | SANITARY FITTING        | 1/2" OR 1-1/2" |
| CONDENSATE DRAIN<br>(FROM CABINET)     |  | G-BSPT                  | 1/2"           |
| CONDENSATE DRAIN<br>(FROM CALORIMETER) |  | COMPRESSION<br>FITTING  | 6 mm           |
| COOLING WATER (IN)                     |  | TUBING QUICK<br>CONNECT | 6 mm           |
| COOLING WATER (OUT)                    |  |                         | 6 mm           |

### ELECTRICAL POWER

|             |           |       |
|-------------|-----------|-------|
| VOLTAGE     | FREQUENCY | POWER |
| 115/230 VAC | 60/50 Hz  | 100 W |

### USAGE

|               |                                           |
|---------------|-------------------------------------------|
| STEAM         | 3.3 lbs/hr (1.5 kg/hr) @ 45 psig (3 barg) |
| COOLING WATER | ~4 gal/h (15 L/h) @ 50° F (10°C)          |

USAGE MAY INCREASE WITH WARMER COOLING WATER

### PHYSICAL CHARACTERISTICS

|                                       | HEIGHT        | WIDTH        | DEPTH         | WEIGHT         |
|---------------------------------------|---------------|--------------|---------------|----------------|
| CABINET (INCLUDING WHEELS AND HANDLE) | 40" [1003 mm] | 24" [618 mm] | 7.5" [191 mm] | 42 lbs [19 kg] |
| CALORIMETER                           | 37" [943 mm]  | 21" [539 mm] | N/A           | 11 lbs [5 kg]  |

### OPERATING PARAMETERS (CALORIMETER)

|                    | MAXIMUM PRESSURE   | MINIMUM PRESSURE | MAXIMUM TEMPERATURE |
|--------------------|--------------------|------------------|---------------------|
| STEAM (IN)         | 60 psig [4 barg]   | 7 psig [0.5 bar] | 356° F [180° C]     |
| COOLING WATER (IN) | 94 psig [6.5 barg] | 43 psig [3 bar]  | 60° F [15° C]       |

### PERFORMANCE SPECIFICATIONS

| PARAMETER                                                          | SPECIFICATION    |
|--------------------------------------------------------------------|------------------|
| DRYNESS FRACTION                                                   | 0.85-1           |
| DRYNESS FRACTION ACCURACY                                          | 0.01 OF DISPLAY  |
| NON CONDENSABLE GASES CONTENT COMPARED TO THE VOLUME OF CONDENSATE | ≤ 15%            |
| AMOUNT OF SUPER HEAT                                               | 0-122°F (0-50°C) |

Dimensions Are In Inches [mm]



Product

QM-3 STEAM QUALITY MONITOR

ENGLISH

CD No.

Rev;

Date

WEB  
Y|N

CD2789

07/15/2013

SHEET 1 OF 1

By: Derek Westphal