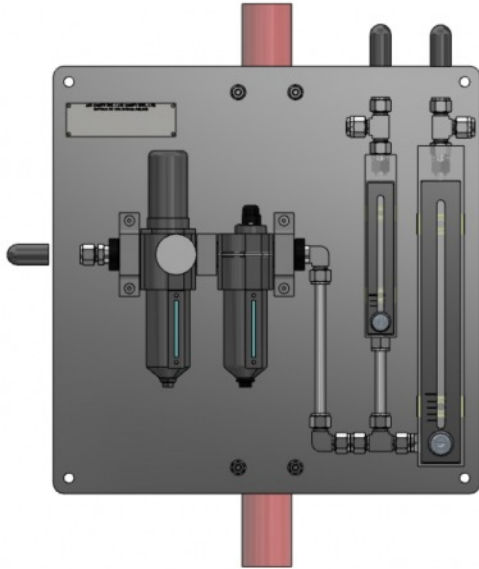


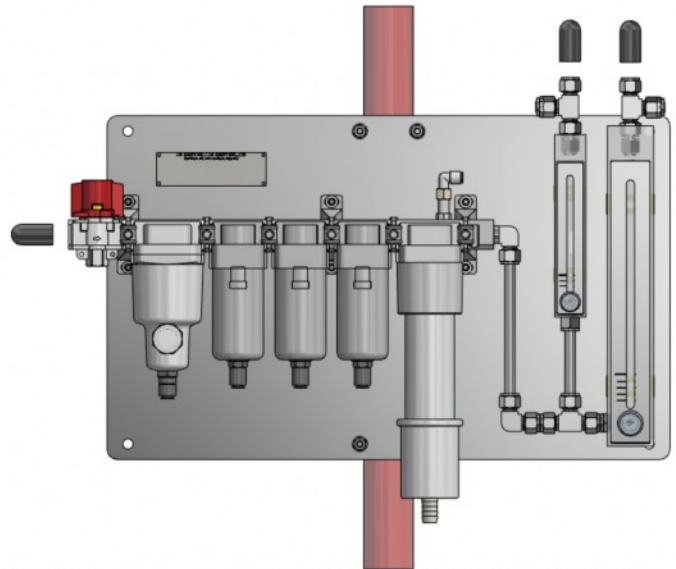
CANTY

PROCESS TECHNOLOGY

AIR PREPARATION SYSTEMS HIGH TEMPERATURE CAMERA ACCESSORY



INSTRUMENT AIR PREP SYSTEM



PLANT AIR PREP SYSTEM

HOW IT WORKS

The Air Preparation Systems are installed upstream of the high-temperature camera to filter and condition the air before it enters the camera. To prevent technical issues and ensure reliable camera operation, the air supply must be clean, dry, and suitable for instrument use. The Plant Air Preparation System uses typical plant air and conditions it by cleaning and drying the air supply. The system produces air with a -20 °C dew point and 0.01-micron filtration. The Plant Air Preparation System brings standard plant air up to the same quality level as the Instrument Air Preparation System, making it suitable for use with the high-temperature camera.

J.M. CANTY INSTRUMENTS

- UltraTemp™ Camera
- High Temperature Surveillance Camera
- ExtremeTemp™ Cameras*

*Instrument Air Prep System included if air meets requirements

AIR REQUIREMENTS

INSTRUMENT AIR PREP SYSTEM

Input Specifications:

- Dry air, minimum -20° C dew point
- No oil
- Clean air, filtered to .1 micron
- Maximum pressure 100 psig [7 BAR]
- Maximum temperature 100 °F [37.8° C]
- 26.5 SCFM [750 lpm]

See Sheet 2 for more detail

PLANT AIR PREP SYSTEM

Input Specifications:

- Plant Air
- No oil
- Maximum pressure 100 psig [7 BAR]
- Maximum temperature 100 °F [37.8° C]**
- 30 SCFM [850 lpm]

See Sheet 2 for more detail

**If temperature is above 100F [37.7C] to 120F [50C] dewpoint needs to

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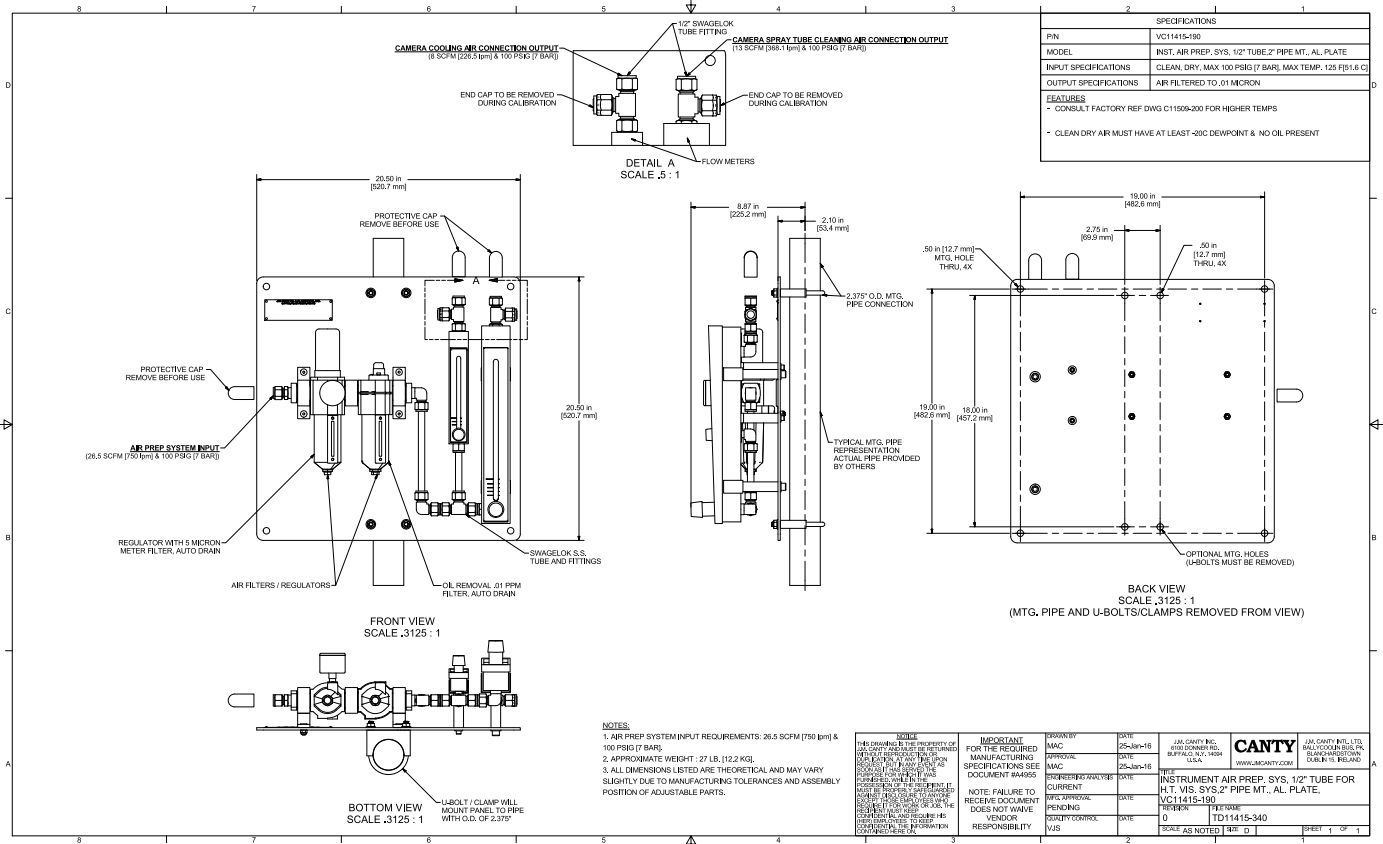
J.M. Canty, Inc
J.M. Canty, Intl Ltd

Buffalo, NY USA
Dublin, Ireland

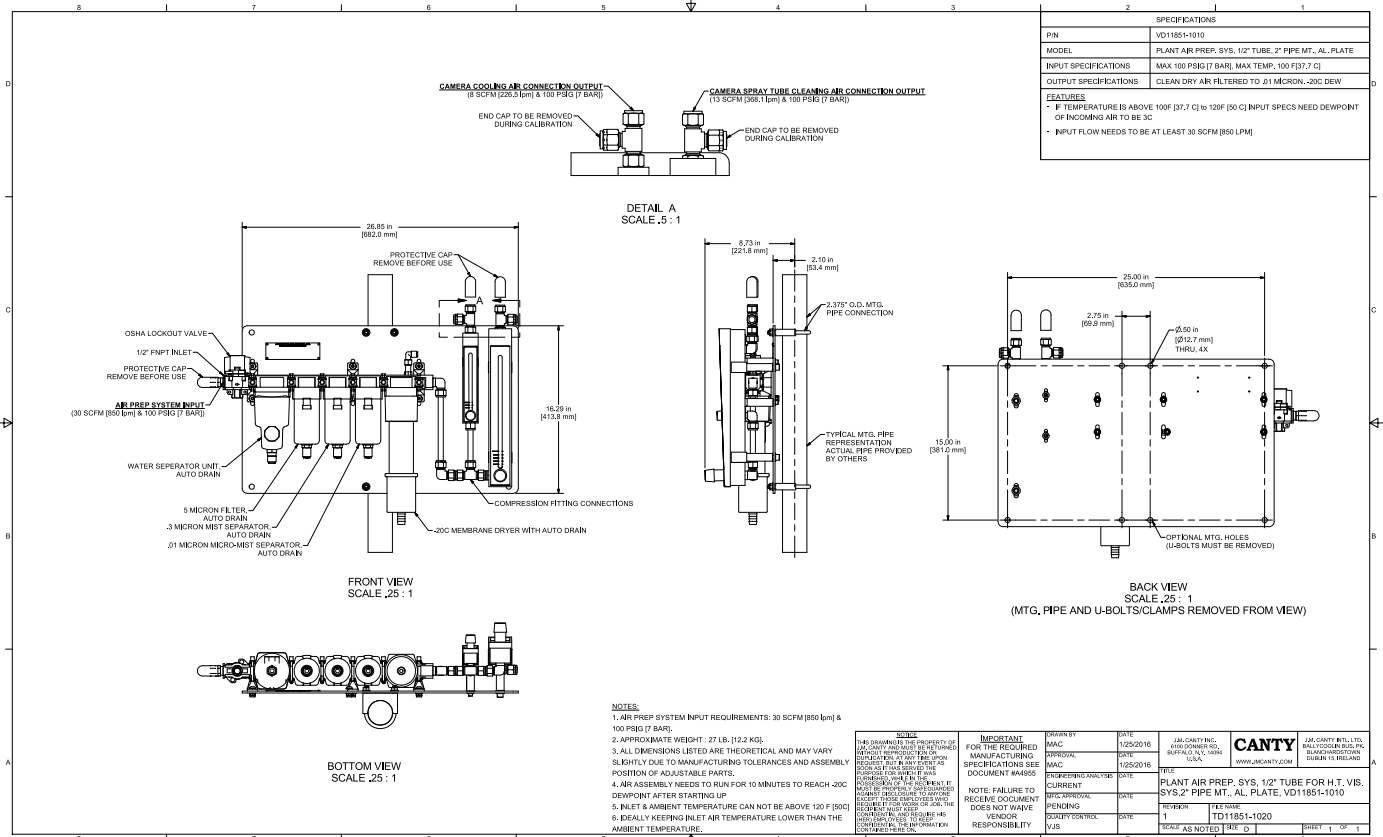
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INSTRUMENT AIR PREP SYSTEM VC11415-190



PLANT AIR PREP SYSTEM VD11851-1010



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