

Positive Forced Air Environmental Enclosure for SpectraTrend® HT

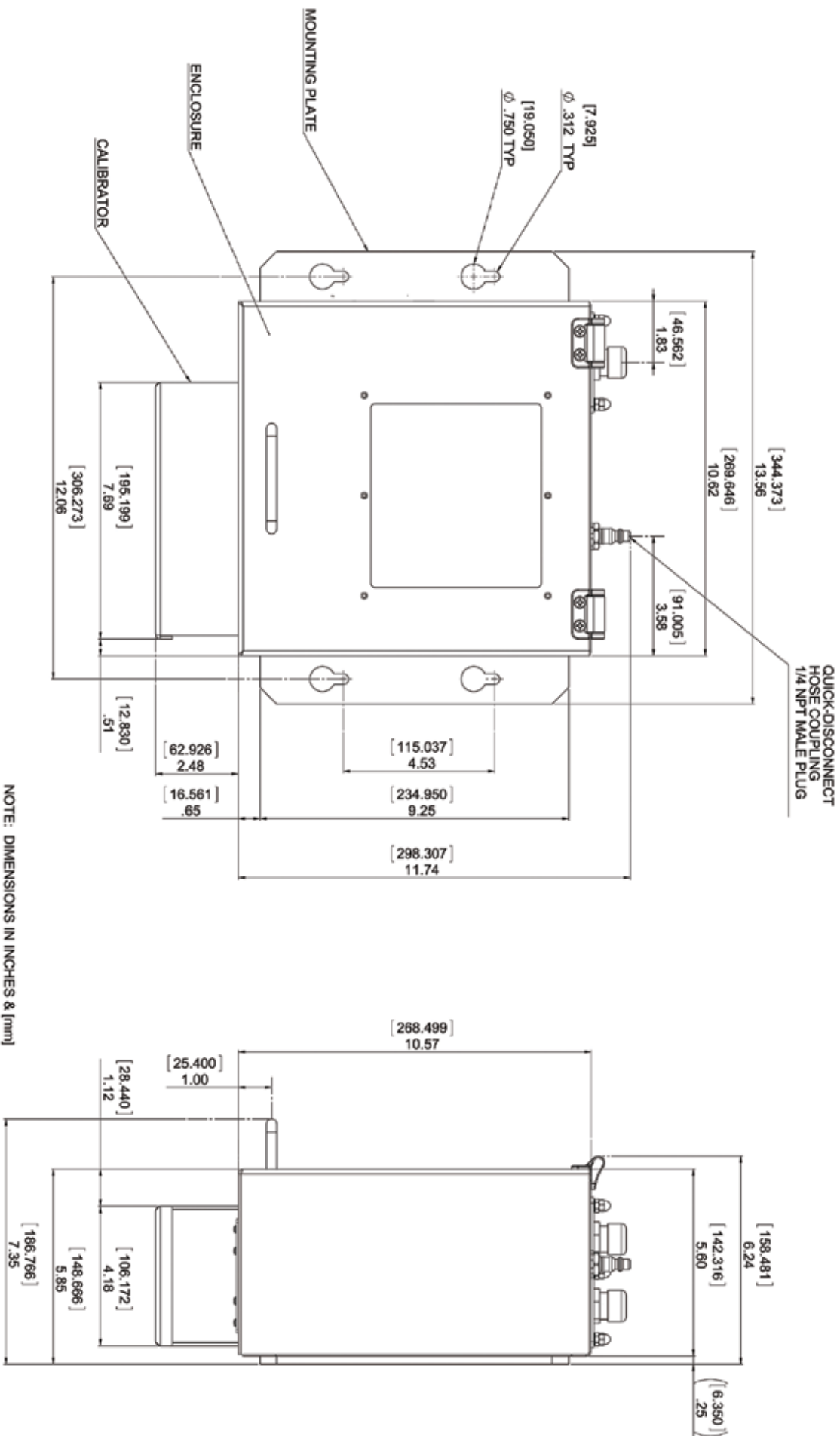


Part Number:	ST-PFA-ENC
Description:	Positive Forced Air Environmental Enclosure for SpectraTrend® HT
Product Use:	Enclosure should be used anywhere in which the SpectraTrend HT instrument will be exposed to ambient temperatures of greater than 32° C (90° F), or in which the instrument will be exposed to potential optical contaminants such as dust and other airborne particulates, moisture and sample outgassing
Included:	<ul style="list-style-type: none">• Stainless Steel Enclosure• Anodized aluminum Mounting Plate• Power DIO Cable - 22.3 m (75 feet)• Ethernet Cable - 22.3 m (75 feet)• 6.35 mm (0.25 in.) male air fitting• Mounting and installation instructions
Dimensions:	EnclosureL 266.7 mm (10.5 in.) x H 266.7 mm (10.5 in.) x W 139.7 mm (5.5 in.) Mounting PlateL 241.3 mm (9.25 in.) x W 342.9 mm (13.5 in.)
Empty Weight:	5.90 kg (13 lbs) includes mounting plate
Weight with Instrument:	10.89 kg (24 lbs) includes mounting plate
Air Fitting:	6.35 mm (0.25 in.) Dixon D2M2-S male air fitting (can easily be changed over to accommodate plant fitting types and styles)

IMPORTANT RECOMMENDATIONS FOR USE:

1. Where the enclosure is being used only for added resistance to contamination of the optical lens and not to extend the thermal range of operation, an airflow rate may be used anywhere across the broad range of 1 to 8 CFM as needed by that particular application to prevent contamination
2. When the enclosure is being used to enable operation in extended thermal environments, use a mounting method that avoids releasing excessive conducted or radiated heat into the enclosure
3. Airflow should be maintained any time a potential optical contaminant is present or the ambient temperature to which the unit would be exposed is in excess of 32° C (90° F)
 - a. A continuous air flow of 4 CFM (~70-80 PSI inlet pressure) with an inlet temperature of 30° C (86° F) or less will allow operation of the SpectraTrend HT to be extended up to an ambient temperature surrounding the enclosure of 80° C (176° F)
4. Airflow shall be cool (less than 30° C (86° F)), clean, and free from condensation of water or liquids. A quality desiccant air dryer is recommended

SpectraTrend® HT Positive Forced Air Environmental Enclosure Dimensions



For more information, please contact HunterLab at 703-471-6870, sales@hunterlab.com or visit www.hunterlab.com

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