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# TRION 259942-001 Owner's Manual

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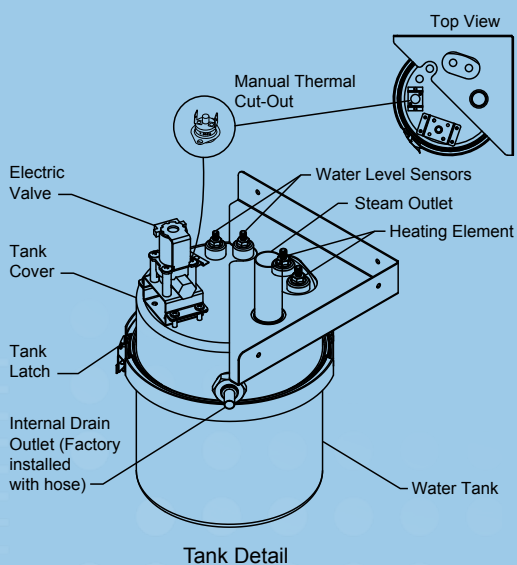
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## TECHNICAL ENGINEERING SPECIFICATION



Electronic Humidistat  
With Outdoor Sensor



### Performance:

**COMFORTSTEAM™** is an isothermal system that produces odorless, sterile, and bacteria-free humidification. Steam is produced at atmospheric pressure and dispersed into the HVAC ductwork via a steam nozzle or perforated steam diffuser. Selection includes three capacities ranging from 13 GPD to 34.5 GPD (4.5 – 12 lbs/hr steam). Units are available in 120 VAC and 240 VAC. An available electronic humidistat with outdoor reset automatically reduces the humidity setpoint as the outdoor temperature falls. Each unit is factory tested and CSA certified.

### Features:

- Clean Steam – Odorless & Sterile, Bacteria – Free Humidification
- Installation Flexibility – Duct Or Remote Mountable
- On-Board Diagnostics – User Friendly Display Shows Mode Of Operation And Status
- Fault Annunciation – LED Blinks To Simplify Fault Diagnosis
- Ease Of Service– Quick Release, Stainless Steel Tank
- Versatile Microprocessor Controls – Adaptable To Various Water Qualities
- Siphon Draining System – Eliminates The Chance Of Blocked Solenoid Valves And Drains At A Safe Temperature
- Compact Chassis Design – Light Weight And Simple To Install
- Silent Operation
- Full Complement Of Accessories
- CSA Certified

### Applications:

- Residential
- Commercial
- Hospitals
- Computer Rooms
- Laboratories
- Clean rooms
- Telecommunications
- Switch Gear Facilities
- Humidors

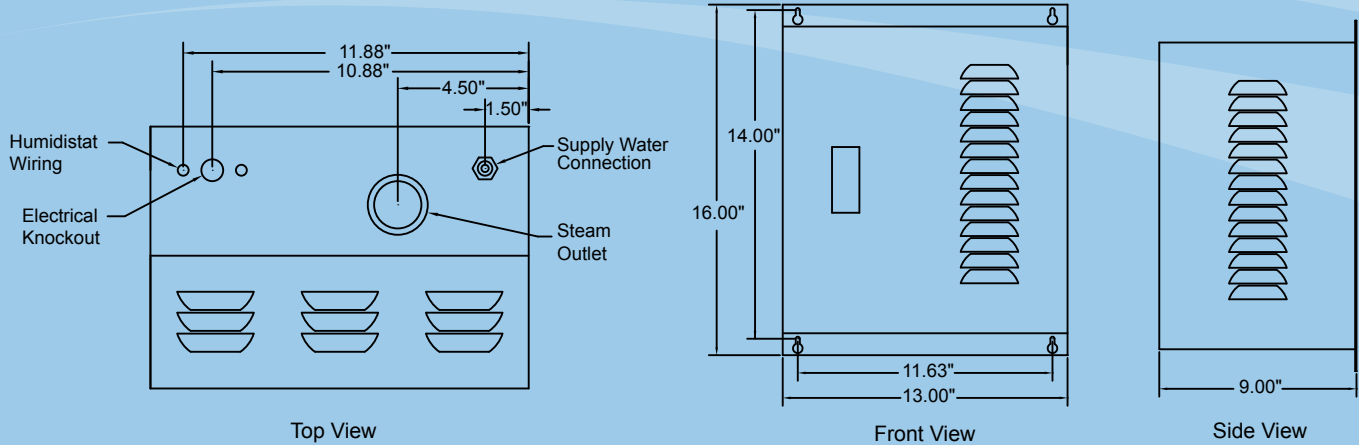
### Warranty:

- 2-Year Limited Warranty



**TECHNICAL ENGINEERING SPECIFICATION**

**COMFORTSTEAM**<sup>™</sup> Dimensional Data



**COMFORTSTEAM**<sup>™</sup> Specifications

Specifications	CFS-05B	CFS-05D	CFS-05R	CFS-05	CFS-10	CFS-15
<b>Capacity (GPD/PPH)<sup>1</sup></b>	13/4.5	13/4.5	13/4.5	13/4.5	26/9	34.5/12
<b>Kilowatts (KW)</b>	1.5	1.5	1.5	1.5	3.0	4.0
<b>Voltage</b>	120 VAC	120 VAC	120 VAC	120 VAC	240 VAC	240 VAC
<b>Full Load Amps (FLA)</b>	12.5	12.5	12.5	12.5	12.5	16.6
<b>Dimensions</b>	16"H x 13"W x 9"D	16"H x 13"W x 9"D	16"H x 13"W x 9"D	16" H x 13"W x 9"D	16"H x 13"W x 9"D	16"H x 13"W x 9"D
<b>Airflow Switch</b>	No	Yes	Yes	Yes	Yes	Yes
<b>Water Hammer Absorber</b>	No	Yes	Yes	Yes	Yes	Yes
<b>Electronic Humidistat</b>	Not Included	Duct	Room	Not Included	Not Included	Not Included
<b>Shipping Weight</b>	23 Lbs.	23 Lbs.	23 Lbs.	23 Lbs.	23 Lbs.	23 Lbs.
<b>Tight Home<sup>2</sup></b>	4000 Sq. Ft.	4000 Sq. Ft.	4000 Sq. Ft.	4000 Sq. Ft.	8000 Sq. Ft.	10600 Sq. Ft.
<b>Average Home<sup>3</sup></b>	2000 Sq. Ft.	2000 Sq. Ft.	2000 Sq. Ft.	2000 Sq. Ft.	4000 Sq. Ft.	5300 Sq. Ft.
<b>Loose Home<sup>4</sup></b>	1300 Sq. Ft.	1300 Sq. Ft.	1300 Sq. Ft.	1300 Sq. Ft.	2600 Sq. Ft.	3500 Sq. Ft.

1. Gallons Per Day/Pounds Per Hour (steam)
2. A "Tight Home" is assumed to be well insulated with vapor barriers, tight storm windows and doors, and a dampered fireplace. Air exchange rate of .5 changes per hour.
3. An "Average Home" is insulated and has a dampered fire place, but there are no vapor barriers, storm doors, or storm windows. Air exchange rate of 1.0 change per hour.
4. A "Loose Home" is generally one constructed before 1930, has little or no insulation, no storm doors, storm windows, weather stripping or vapor barriers, and often no effective dampening of fireplaces. Air exchange rate is as high as 1.5 changes per hour.

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