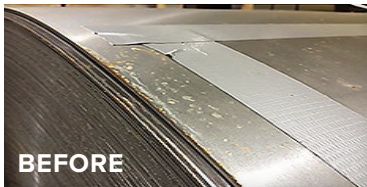


DEWTECT®

Protect your facility's operations and products from risks posed by condensation and erratic weather.



MONITOR AND CONTROL UNWANTED CONDENSATION

Dewtect is the automated environmental monitoring system designed to protect your facility from harmful condensation, which can create safety hazards and cost your business a fortune. Dewtect and Big Ass fans' airflow can help: armed with a network of sensors, Dewtect gathers thousands of data points that enable it to identify and even predict conditions that lead to condensation. Dewtect's automated integration means that your building's HVAC equipment and installed Big Ass fans will be marching in lockstep to protect what matters to you—people, products, and property. Yeah, it's fair to call Dewtect a workaholic.

WHERE DEWTECT CAN PROTECT YOU:

- ✓ Areas with multiple Big Ass fans installed
- ✓ Facilities with large temperature fluctuations
- ✓ Unconditioned areas requiring integrated airflow
- ✓ Goods and material storage areas

Key Features

- ✓ Hands-free operation adjusts systems to proactively cut your risk of condensation
- ✓ Large color touchscreen provides you real-time data and a multitude of manual controls
- ✓ Includes two service visits to your site from Big Ass Fans experts after install
- ✓ Ensure effective responses to condensation risks by measuring a wide range of environmental variables
- ✓ Enjoy seamless, centralized control with Dewtect's system integration (BACNet/IP or BACNet/MSTP)

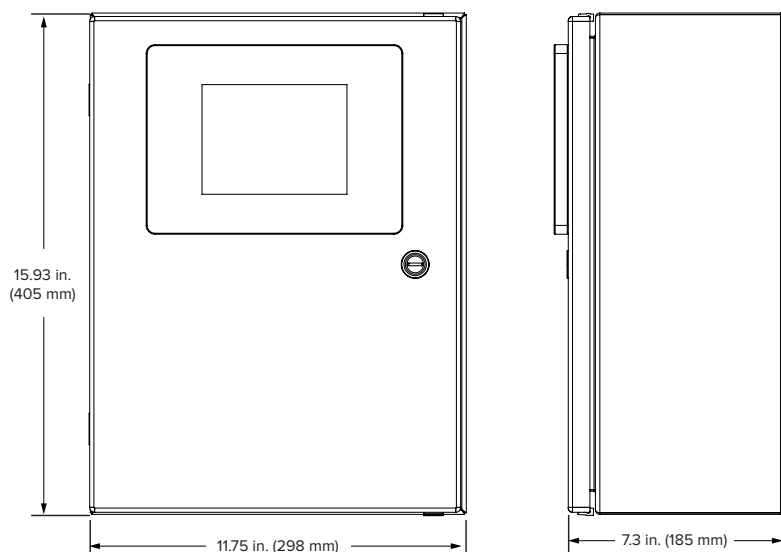


DEWTECT

THE SMART, CUSTOMIZED CONDENSATION SOLUTION



Dewtect’s patented network of sensors track conditions inside and outside your facility 24/7. It monitors temperature, humidity, and dew point data, anticipates when a condensation event is likely to occur, and automatically adjusts your heating and dehumidification systems, fans, and louvres to keep surfaces and equipment dry and safe.



BIG ASS ADVISORY SERVICE

Included with the initial purchase of Dewtect is our Big Ass Advisory Service. Our applications engineers will visit your facility three months after installation and again nine months later, collect data from the system, calibrate or replace sensors, update software, and sum up the system’s performance in a comprehensive report.

What’s Included

- Setup and commissioning
- Two facility visits in the first year of operation
- Dewtect system data collection
- Adjustments of system parameters
- Comprehensive system inspection
- Calibration or replacement of sensors

Technical Specifications

| Power Input | Optional Outputs (N.O. Relay) | Ambient Operating Temperature | Communication Protocol |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 120/240 V, 1 Φ, 50–60 Hz @ 1 A 480 V, 1 Φ, 50–60 Hz @ 1 A | Call for Exterior Ventilation, 2A, 250 VAC max Call for Heat, 2A, 250 VAC max Call for Dehumidifier, 2A, 250 VAC max | 32° to 122° F (0° to 50° C) | Modbus RTU over a two-wire RS-485 network BACnet over LAN connection MS/TP over a two-wire RS485 network 0–10 VDC output |

Construction and Features

| Housing | Interface | Input Sensors (5 Channels) ¹ | Certifications | Compatible Big Ass Fans | Compatible Heaters and Ventilation Systems |
|--------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------|
| NEMA type 4/12 enclosure | TFT color touchscreen | (1) Indoor temperature/humidity sensor (4–20 mA) (1) Outdoor temperature/humidity sensor (4–20 mA) (Up to 4) Surface temperature/humidity sensors (4–20 mA) | UL 508A cUL 508A | Powerfoil D Powerfoil X3.0 Powerfoil 8 Basic 6 Essence Isis Pivot 2.0 Yellow Jacket | Most third-party equipment |

1. One indoor and outdoor surface sensor is included; up to three additional surface sensors can be purchased.

Lead times may vary. See full warranty for coverage information.



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