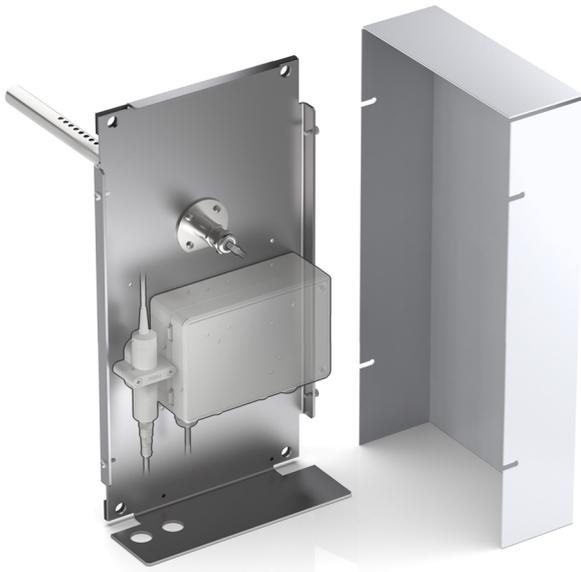


HMT300TMK Turbine Mounting Kit For power turbine intake air measurement



Features

- Designed for high humidity applications
- Low maintenance need
- Outer cover provides protection from rain and direct sunlight
- Utilizes Vaisala HMP7 Humidity and Temperature Probe and Indigo300, Indigo510, and Indigo520 transmitters
- Compatible with Vaisala Humidity and Temperature Transmitter HMT337

Vaisala HUMICAP® Turbine Mounting Kit HMT300TMK is an accessory developed for monitoring the air intake of gas or liquid fueled power turbines. HMT300MTK is used together with Vaisala HMP7 warmed humidity and temperature probe and Indigo300, Indigo510, or Indigo520 transmitters (not included in the HMT300TMK accessory kit).

Low maintenance

Power turbines require exact water vapor injection in the chamber to reduce pollutant emissions. Vaisala's warmed probe technology is ideal because of its reliability in the field. In fact, the only suggested scheduled maintenance is annual calibration.

Patented, warmed probe prevents condensation

HMT300TMK, with HMP7 and Indigo transmitter installed, provides fast and reliable dew point measurement especially under high humidity conditions where dew would normally form on the humidity sensor and cause errors in measurement. The patented warmed probe prevents condensation from forming on the sensor.



Protective enclosure

HMT300TMK includes a white, painted stainless steel enclosure with an installation kit for the probe and transmitter. The outer cover protects the measurement probe and transmitter from direct sunlight and rain. The installation kit protects the probe from outer water splashes, keeps the sensor dry, and prevents any parts that could vibrate loose from entering the turbine.

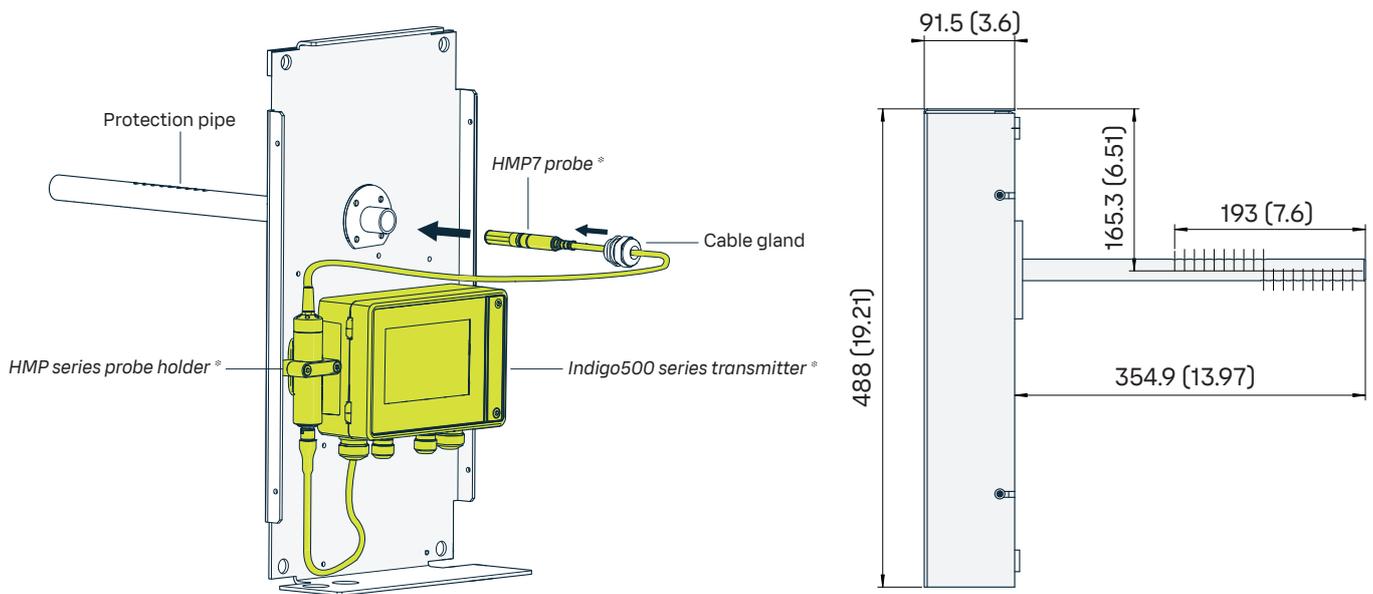
HUMICAP® performance

HMP7 probes are fitted with the latest generation of the HUMICAP, the polymer sensor known for its accuracy, reliability, and long-term stability. The sensor has a high tolerance for condensing environments and chemical contamination. For details, see [HMP7 product description](#).

Vaisala Indigo300, Indigo510, and Indigo520 transmitters

Indigo transmitters are intended for demanding industrial humidity measurement applications with various options and features. All transmitters are provided with IP66 metal housing, optional display, and with analog or digital outputs. For details, see [Indigo transmitter family descriptions](#).

Technical data



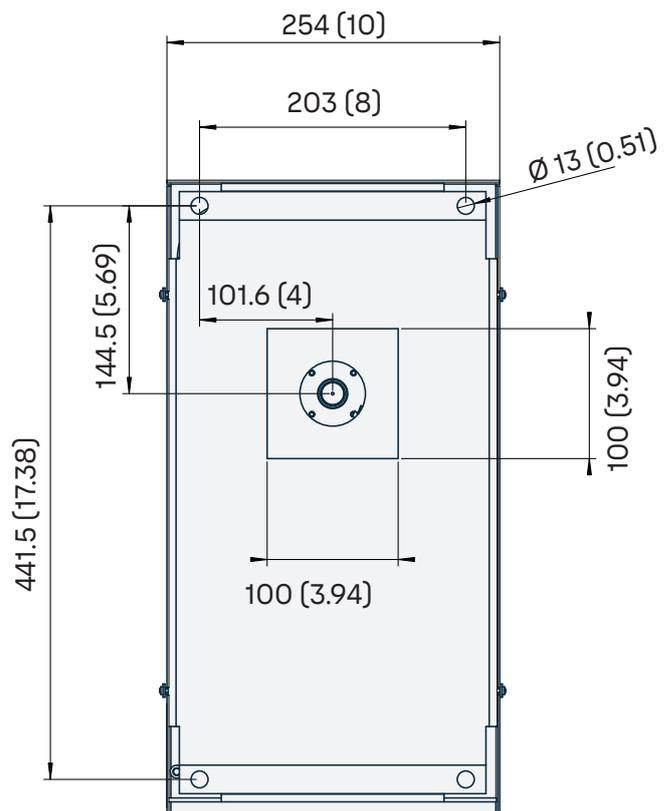
■ Indigo500 transmitter, HMP7 probe, and HMP probe holder not included in HMT300TMK kit

Specifications

Compatible probes	HMP7
Compatible transmitters	Indigo510 Indigo520 Indigo300 HMT337
Material	Protection pipe: AISI 316L Housing bottom: AISI 316 Housing cover: AISI 316 (powder painted white)
Weight	HMT300TMK: 6.6 kg (14.55 lb) HMT300TMK with Indigo510/520 and HMP7 probe: 8.6 kg (18.96 lb) HMT300TMK with Indigo300 and HMP7 probe: 8.1 kg (17.86 lb)

Spare parts

HMT300TMKSETSP	HMT300TMK spare part set: protection pipe, thread bar, and sealing required for probe head installation.
IND500TMKADAPTERSP	Retrofit adapter plate for installing Indigo500 and HMP7 to earlier model HMT300TMK kits.



HMT300TMK dimensions (front)