

AIRFLOW P

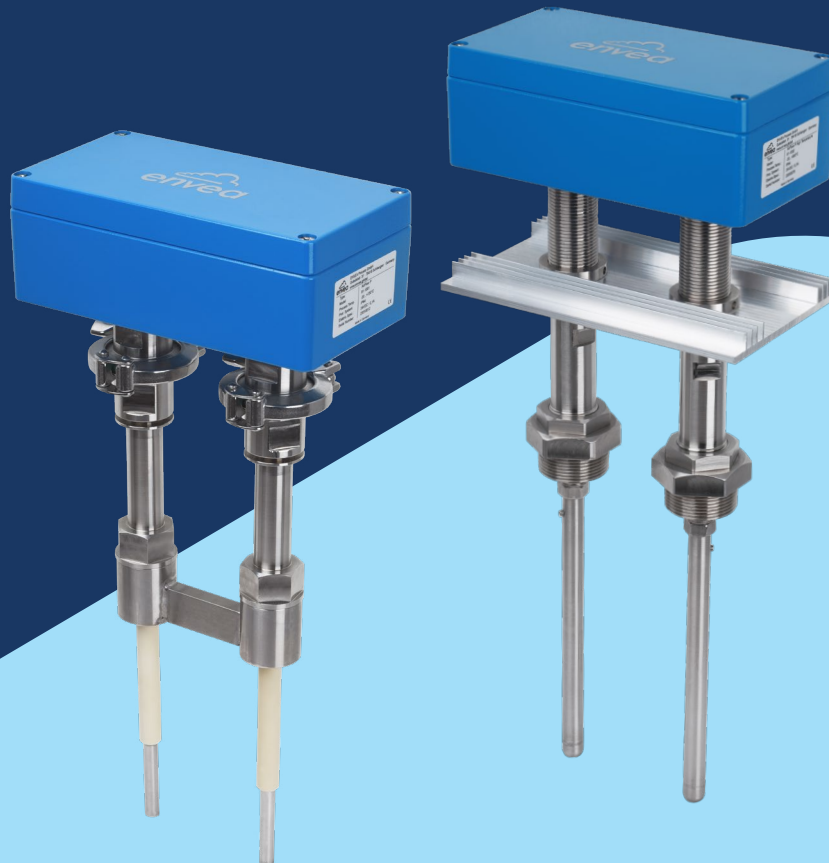
VOLUME FLOW MEASUREMENT



The AirFlow P always delivers reliable measured values of volume flows even when it is used under difficult or high dust load conditions

FEATURES AND BENEFITS

- No venturi or similar conversions required
- Reliable measured values even in dusty applications
- Easy to retrofit
- No calibration necessary
- Output in operating cubic metres
- Suitable for all diameters and geometries
- Up to 800°C process temperature



TECHNICAL SPECIFICATIONS

Sensor

Power supply 24 V DC, fed by the controller

Measuring range from 1 mg/m³

Speed range 1 m/s ... 100 m/s

Process temperature

- Standard version -20 ... +150 °C

- High temperature version -20 ... +800 °C

Ambient temperature -20 ... +60 °C

Housing material Aluminium

Sensor rod material Stainless steel

Protection type IP65

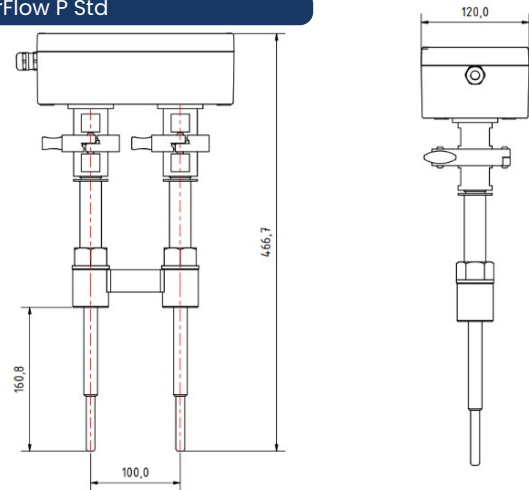
Dimensions (W × H × D)

Standard version 252 × 467 × 120 mm

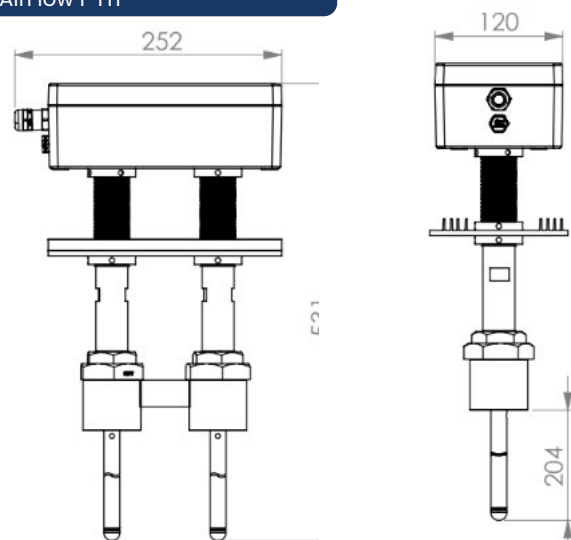
High temperature 252 × 531 × 120 mm

Weight 5.5 kg

AirFlow P Std



AirFlow P HT



SYSTEM CONFIGURATION

The AirFlow P system consists of a special process adapter, the sensor and a controller.

The sensor's rods are easily interchangeable and available in different versions. Thus, the AirFlow P can be used under almost all process conditions.

For larger channels, an averaging of up to three measuring points can take place at one controller.

A measuring point consists of the following components:

- Double-weld on- socket
- AirFlow P sensor
- Controller MSE 300