



PANASONIC

Panasonic 6381-06 fan tube for duct detector, 0.6 m

Product code 42411 · Fire alarm systems > Field devices > Duct detectors

0.6 metre venturi tube with a built-in fan for the Panasonic 6377 (Uniguard-4) duct detector housing. Used in ducts where the airflow is too low for a standard tube.

- Built-in fan boosts the airflow
- For ducts with low airflow
- Length 0.6 m, extendable with extension tube 6386
- Fan supply 24 V AC/DC, 75 mA

Product description

Panasonic 6381-06 is a 0.6 metre venturi tube with a built-in booster fan. The Uniguard-4 duct detector housing 6377 detects smoke in ventilation ducts. The housing and venturi tube are designed so that the airflow in the duct is drawn evenly across the entire duct cross-section through the detector when the duct air velocity is 0.5–20 m/s. When the airflow in the duct is low, the fan ensures that enough air passes through the detector.

The fan tube is intended especially for sites where the housing's airflow indicator does not move when a standard tube is installed. In such a situation, the manufacturer advises either moving the housing to another location or using a tube with a fan. If required, the tube can be extended with the 1.06 metre extension tube 6386.

Installation

The fan requires a separate 24 V AC or DC supply, current consumption 75 mA. The tube is installed in housing 6377 in the same way as a standard venturi tube: the tube should extend across about 90% of the duct width, and in ducts wider than 0.6 metres it must pass through the entire duct. After installation, operation is checked with test spray through the test hole in the cover.

Technical data

Product code	42411
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Duct detectors
Length	0.6 m
Operating voltage	24 V AC or 24 V DC (fan)
Current consumption (quiescent)	75 mA (fan)
Compatibility	Duct detector housing 6377 (Uniguard-4)

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet (series): 6377 duct detector housing

Request a quote or ask for more information: sales +358 40 668 7641 · myynti@pap.fi