



UG-4

Duct Smoke Sampling System

UG-4 duct housing is a simple and effective solution to monitor smoke presence in ventilation ducts or other HVAC conducts.

Based in Venturi effect, air sampling it's naturally aspirated because of aerodynamic shape of sampling tube. The venturi tube conducts the air from the duct to the detector housing, which is fitted to the outside of the duct, where a smoke detector detects potential fire particles in the air.

UG-4 should be installed according to air flow direction in the duct but it can be installed on any side of the duct.

We recommend that the UG-4 is mounted at an equal distance from heating, cooling or humidity devices. A distance of 3 times the duct diameter should be left before a damper, filter or change of the duct direction and 5 times the diameter after these devices to assure the presence of laminar flow.

For detailed information about installation, download manual available in our website.

TECHNICAL SPECIFICATIONS

MATERIAL	ABS / Aluminum
WEIGHT: HOUSING	708 g
WEIGHT: VENTURI PIPE	0.6 m - 377 g / 1,5 m - 950 g / 2,8 m - 1760 g
DIMENSIONS: HOUSING	180 (W) x 235 (H) x 183 (D)
DIMENSIONS: VENTURI PIPE	23 (W) x 35 (D)
ORDER CODE	
DUCT HOUSING	DUCT SMOKE SAMPLING SYSTEM
VR-0.6M	Venturi pipe 0.6 meter for UG-4
VR-1.5M	Venturi pipe 1.5 meter for UG-4
VR-2.8M	Venturi pipe 2.8 meter for UG-4