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Registro Imprese MI
n° 183146 V 5246 F 46
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n° 995837 M 109377

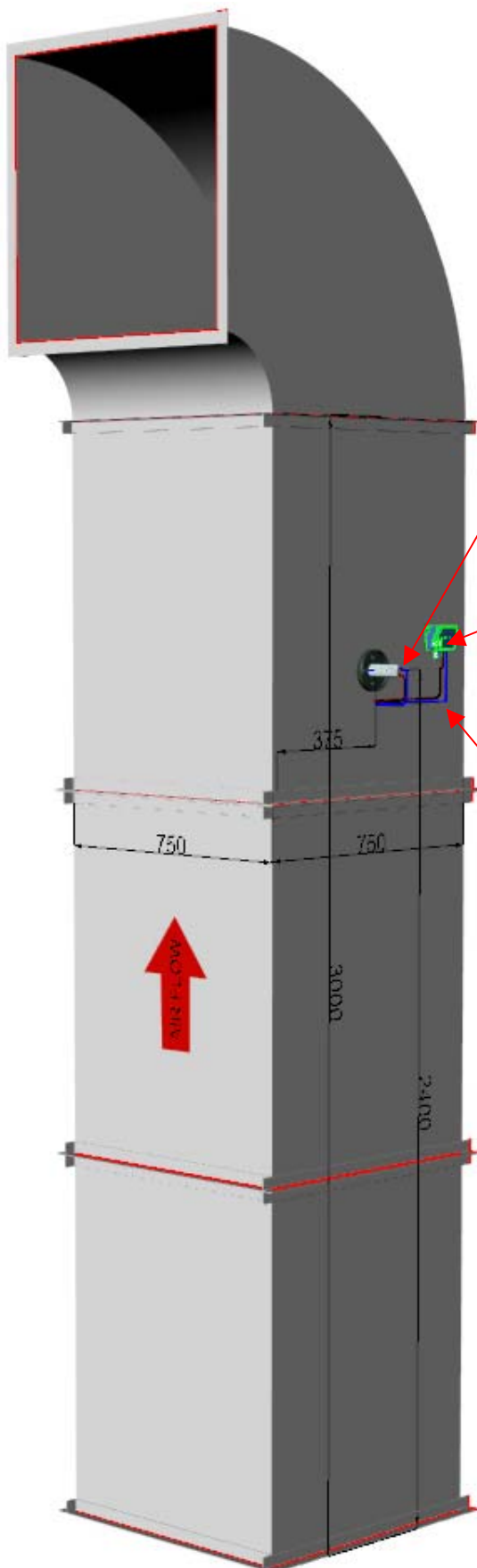
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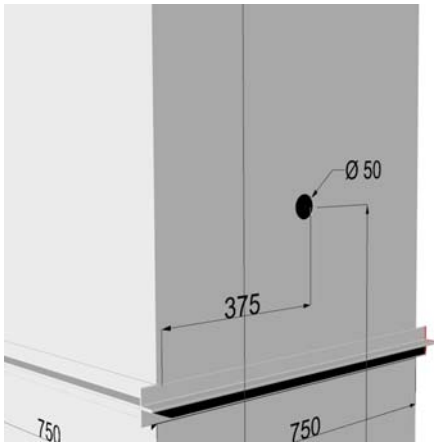
Kflow© probe
Total length 950 mm

DPT 250
Pressure transducer.
24 V cc/ca
output: 0-10 V
4-20 mA

Total pressure tube
Static pressure tube

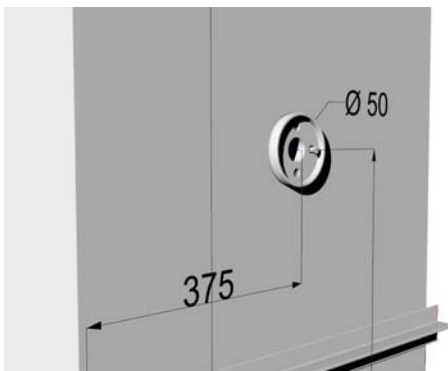
NOTE:
Trasducer may be placed
anywhere within 10
meters from the probe.

EXHAUST DUCT
PAINT SPRAY BOOTH



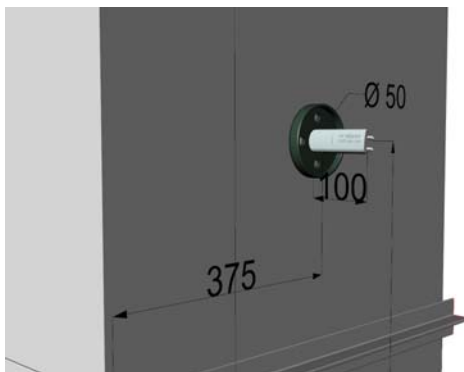
Step 1

Drill two holes $\varnothing 50$ mm on the opposite walls of the duct at about 80% of the length of a straight portion of the duct.



Step 2

Fix the two flanges by means of 4 screws each.



Step 3

Insert the Kflow© probe and fix it following instructions.

Then connect the two hose adapters of the probe to those of the pressure transducer by means of plastic tubes supplied. Max distance suggested 10 meters. Transducer must be connected to power supply 24V cc or ca. The signal cable (0-10V or 4-20mA) gives to an inverter (with P.I.D. function) the retroaction signal (fan turns then slowly with clean filters and faster and faster while filters get dirty).

A potentiometer is needed for set-point setting. Max working frequency of the electric motor can be set to 60 Hz (instead of 50) or more accordingly to manufacturer suggestions and class of the fan.

The air inlet fan's speed should be regulated by means of a manually operated inverter.

A manometer reading cabin's pressure will show the right speed.