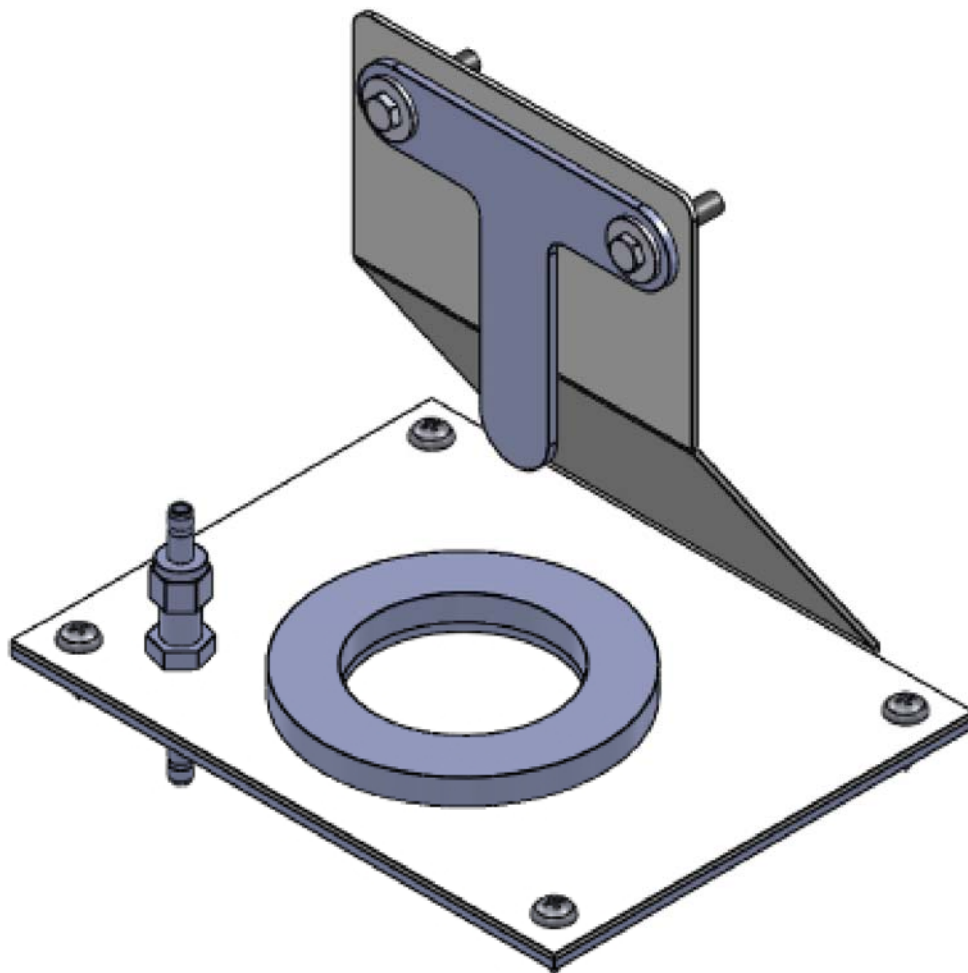




Universal Duct Mount Assembly Kit (UDM-003) Instruction Guide



Introduction

The UDM-003(Universal Duct Mount) is Net Safety's latest design for allowing sensors to monitor ducts. With its angular design and stability, it firmly supports a variety of Net Safety's Sensors with Multi-purpose Junction Box to ducts.

The UDM-003 should be mounted with the following sensors: Millennium II Series Sensors, Millennium Premium ST Series Sensors, Gas Shield Sensors, Air Particle Monitor and SIR100 Sensors.

The instructions herein, are guides in setting up and mounting the UDM-003 with sensor and multipurpose junction box to a duct. In order to ensure proper and safe mounting, follow the instructions given and ensure that all screws, nuts and bolts are tightly fitted. When calibrating, refer to the specific manuals as required. It is recommended that a 2.5 (or greater) liters per minute regulator be used when calibrating.

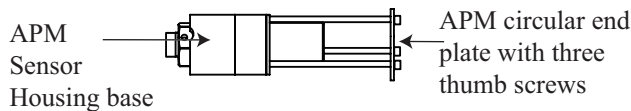
Warning:  Never install the UDM-003 at the bottom (underside) of a duct.

Important Notes:

The drawing showing mounting of the UDM-003 and sensor with junction box to a duct is a general representation.

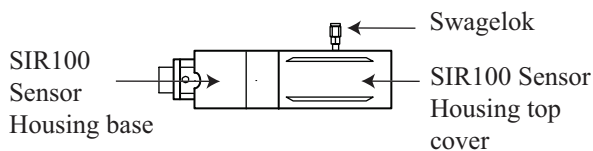
Air Particle Monitor (APM) Sensor

When mounting the Air Particle Monitor Sensor and junction box to the UDM-003, remove APM Sensor circular end plate by unscrewing the three thumb screws. Mount the sensor and junction box to the UDM-003 then replace plate and thumb screws.



SIR100 Sensor

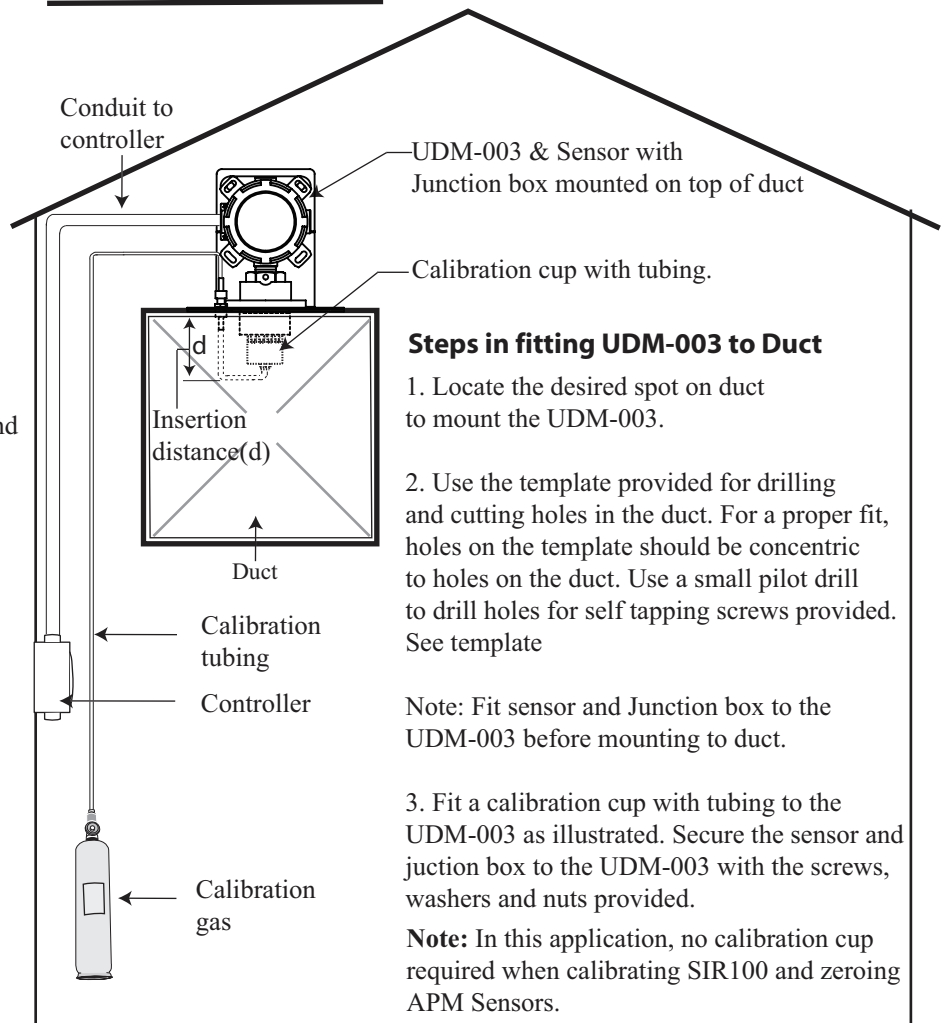
When mounting the SIR100 Sensor and junction box to the UDM-003 use a crescent wrench to remove the swagelok from the SIR100 sensor housing top cover. After mounting the sensor and junction box to the UDM-003 replace swagelok.



Insertion distance (d)

130 mm for Millennium II Series Sensors
160 mm for ST Series Sensors
150 mm for SIR Sensors
210 mm for APM Sensors

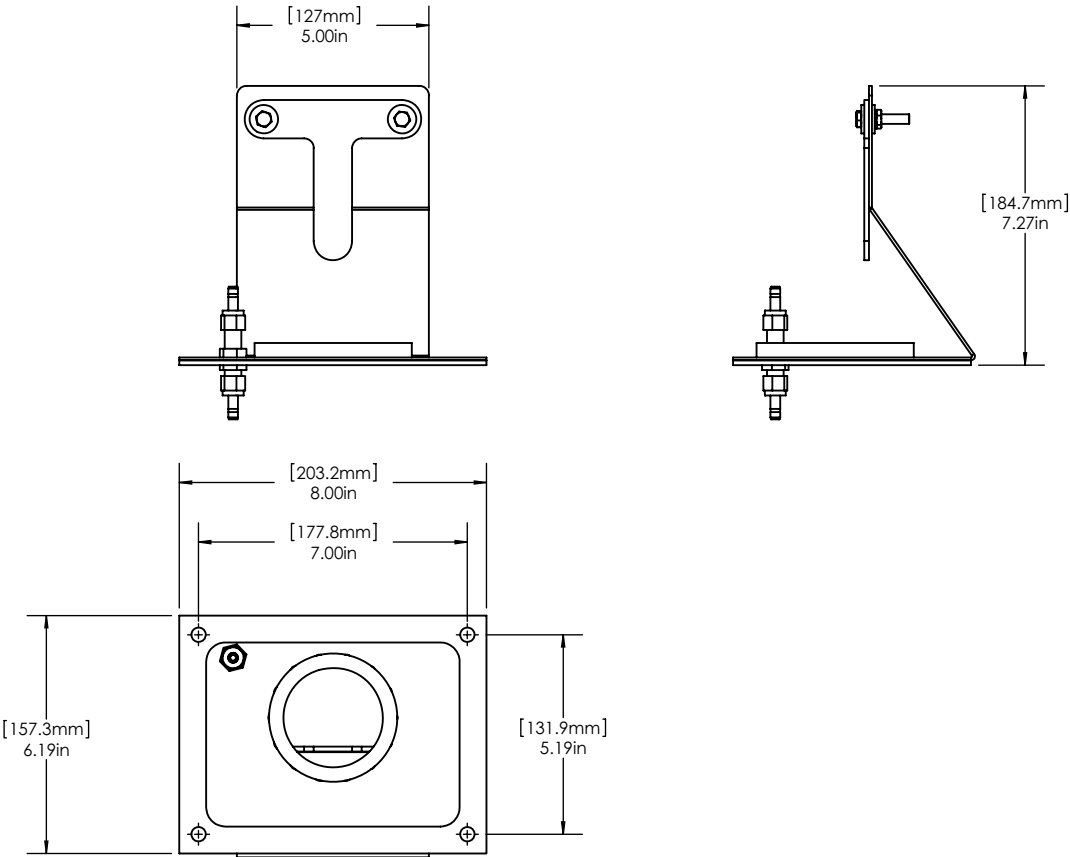
Mounting the UDM-003



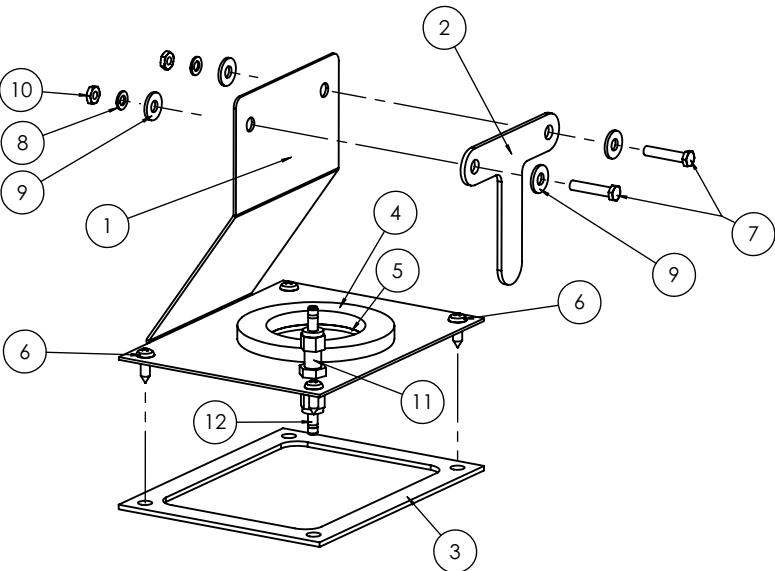
Specifications

Material: Stainless Steel
Weight (UDM-003 without sensor and Jbox):
Approx. 1.67 kg

UDM-003 Views and Dimensions



UDM-003 Exploded View with Part Number Table

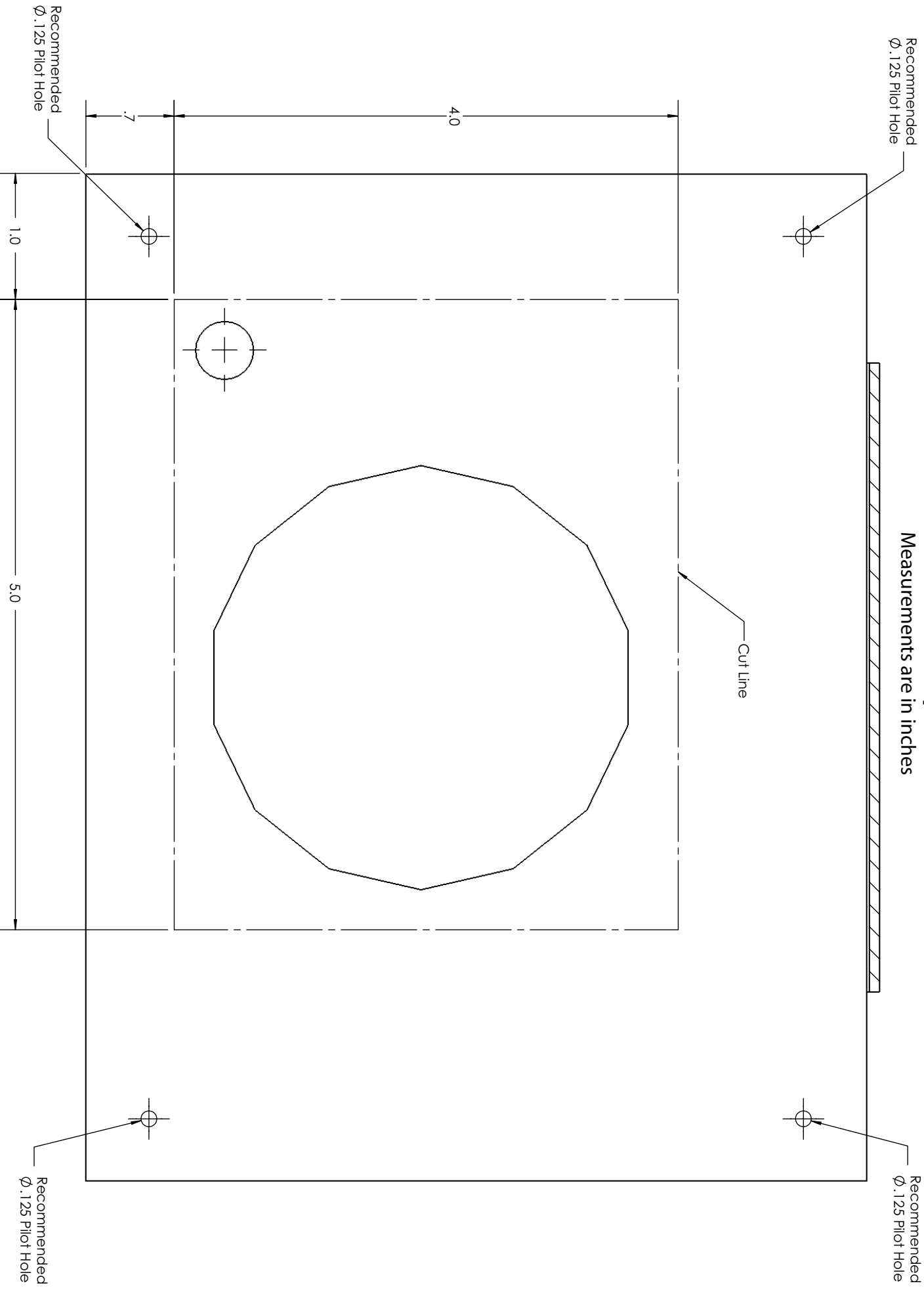


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MFG-0256	Main Body	1
2	MFG-0257	Spacer	1
3	GSK-0040	Square Gasket	1
4	GSK-0041	Upper Round Gasket	1
5	GSK-0042	Lower Round Gasket	1
6	SCR-0129	SCREW, PHILLIPS PAN HEAD, 14DIA- A/B, 3/4"LG, TAP	4
7	SCR-0130	1/4"-20 x 1-1/4" LG GR 5 HEX HEAD CAP, ZINC PLATED	2
8	WSH-0015	1/4" Split Ring Lock Washer, Zn pltd. Steel	2
9	WSH-0029	1/4" Flat Washer, Zn pltd. Steel	4
10	NUT-0027	1/4"-20 Hex Nut, Grade 5, Zn pltd. Steel	2
11	HDW-0171	Swagelok Bulkhead Union, SS, 1/4in. Tube OD	1
12	HDW-0172	Port Connector, Swagelok, SS, 1/4in. Tube OD	2

Note: Spacer (ITEM No. 2 (MFG-0257)) is not used when mounting with Aluminum Junction Box.

UDM-003 Template

Measurements are in inches



Net Safety Monitoring Inc.
2721 Hopewell Place NE, Calgary, AB Canada T1Y 7J7
1-866-FIREGAS (347-3427) | ph. (403) 219-0688 | fx. (403) 219-0694
<http://www.net-safety.com> | Email: nsmsales@net-safety.com

PRODUCT SERVICES CONTACT INFORMATION
Telephone [8am - 5pm MDT]: (403) 769-6074 | (403) 717-8219
Fax: (403) 219-0694 Email: productservices@net-safety.com
http://www.net-safety.com/service/product_services.html

