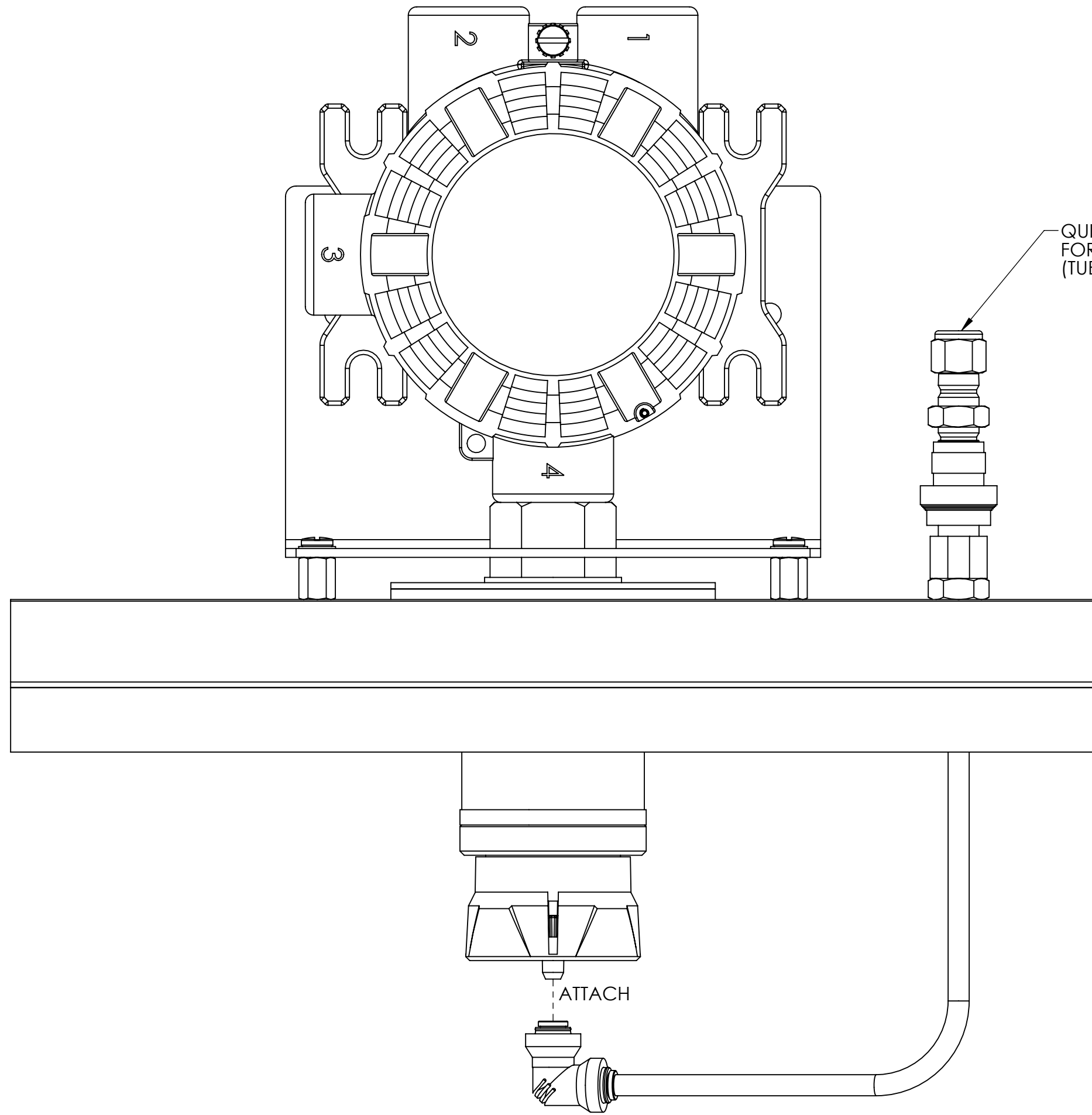


DUCT CUT-OUT  
8.875 X 3.250  
[225 X 82.5]  
PATTERN FOR INSTALLATION

CENTER GASKET OVER  
HOLE IN BRACKET



QUICK CONNECT COUPLING  
FOR 1/4" O.D. TUBING  
(TUBING NOT PROVIDED)

SEE NOTE 8

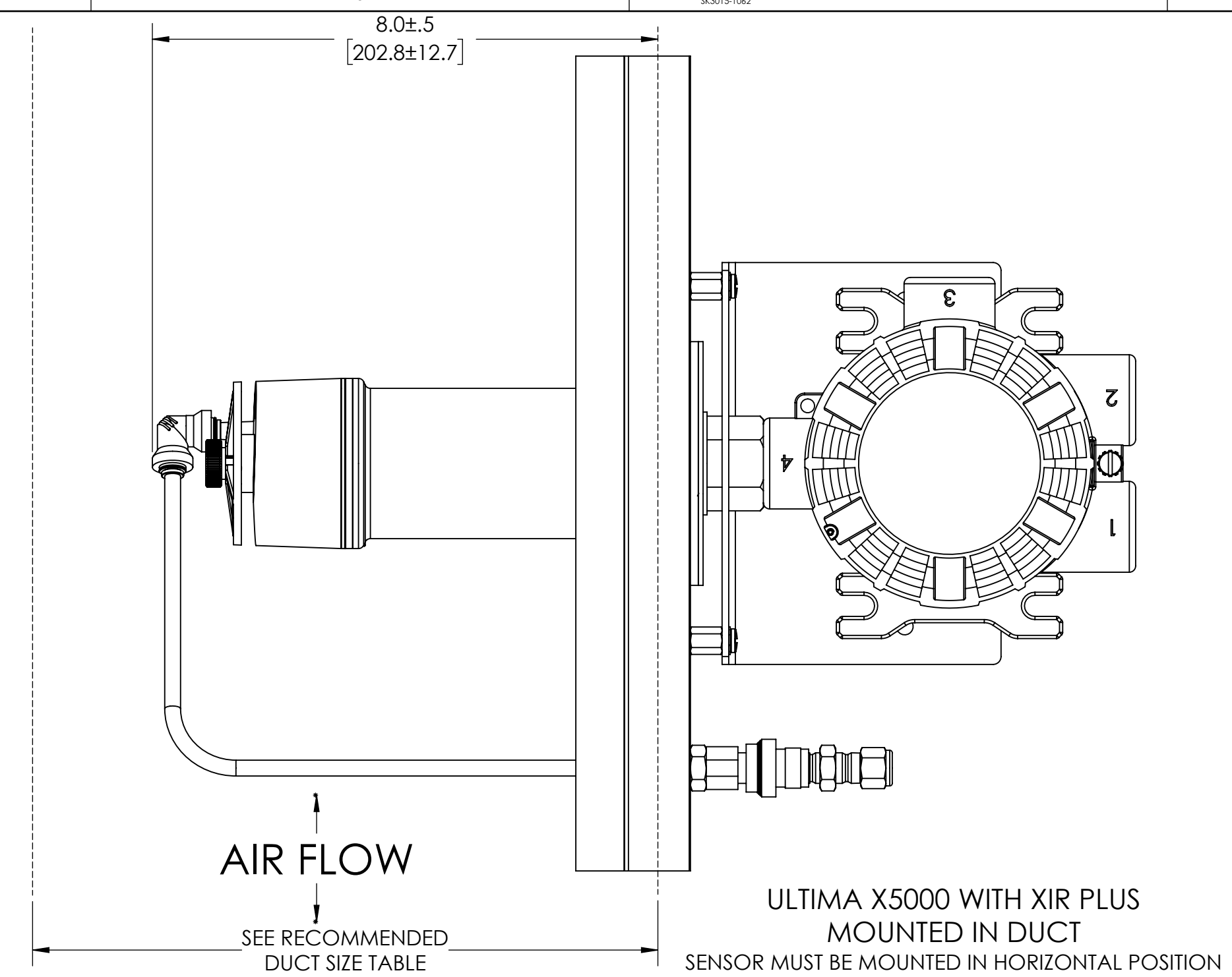
DUCT PROFILE  
GASKET

ATTACH

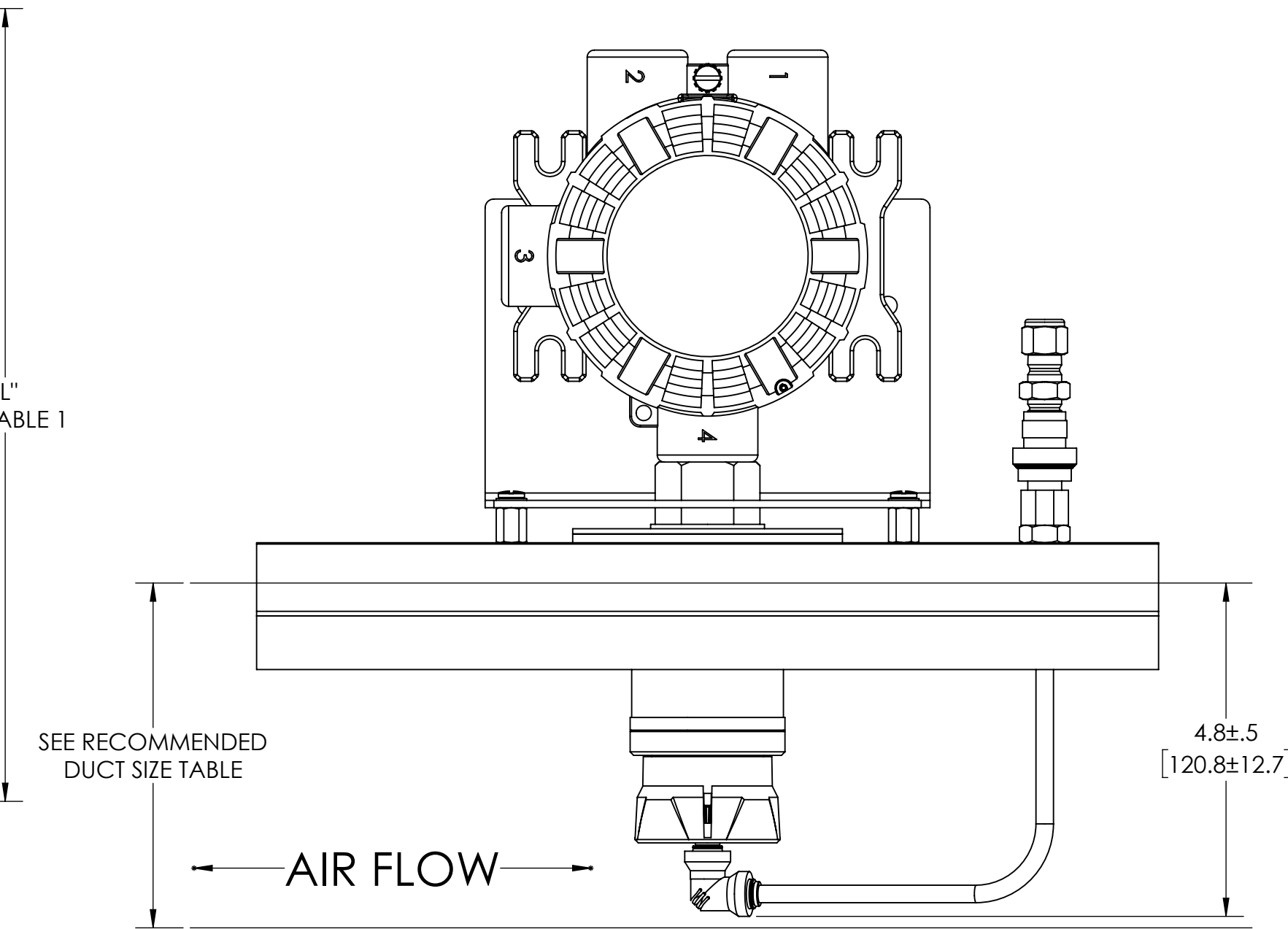
	"L"
X5000 WITH 3/4" NPT CONDUIT PORTS	6.75 [171.50]
X5000 WITH M25 CONDUIT PORTS	7.55 [191.6]

ACTUAL HEIGHT WILL VARY DEPENDING  
ON AMOUNT OF GASKET COMPRESSION

MOUNTING KIT MATERIAL NUMBER	RECOMMENDED DUCT SIZE
10179124	12"-20" DIAMETER [30.5cm-50.8cm]
10179321	20"-40" DIAMETER [50.8cm-101.6cm]



ULTIMA X5000 WITH XIR PLUS  
MOUNTED IN DUCT  
SENSOR MUST BE MOUNTED IN HORIZONTAL POSITION



ULTIMA X5000 WITH XCELL SENSOR  
MOUNTED IN DUCT  
SENSOR MUST BE MOUNTED IN VERTICAL POSITION

- NOTES:
1. CUSTOMER MUST PROVIDE FLEXIBLE WIRING CONNECTION TO CONDUIT TO RELIEVE STRAIN.
  2. DIMENSIONS SHOWN IN INCHES AND [MILLIMETERS].
  3. APPROX. WEIGHT (DUCT MOUNT KIT ONLY) 4.5 LBS. [2 KILOGRAMS].
  4. DUCT KIT IS 316 STAINLESS STEEL CONSTRUCTION WITH STAINLESS STEEL HARDWARE.
  5. TRANSMITTER, SENSOR, AND CONDUIT ARE NOT INCLUDED IN THE KIT.
  6. REFER TO MANUAL 10177361 AND INSTALLATION INSTRUCTIONS 10180898.
  7. TEMPERATURE RANGE (DUCT MOUNT KIT ONLY) -40°F TO +158°F [-40°C TO 70°C]. REFER TO MANUAL FOR TEMPERATURE RANGE OF INDIVIDUAL SENSOR TYPES.
  8. USE SENSOR PLATE AND GASKET AS PROVIDED IN KIT.

REVISIONS

LIFECYCLE STATE: **Production** REVISION: **0**

**MSA**  
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www.MSAafety.com

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DO NOT SCALE DWG.  
THIRD-ANGLE PROJECTION

CODE SYMBOLS		JOB NO.	DATE
CRITICAL	▲	WJE	2-22-2018
MAJOR A	▲	CHECKED BY	N.CICCONE 4-4-2018
MAJOR B	▲	PROJECT ENGR.	N.CICCONE 4-4-2018
100% INSPECTION	▲	QUALITY ASSURANCE	J.DANNHARDT 5-11-2018
TOLERANCES UNLESS OTHERWISE SPECIFIED		MANUFACTURING	M.ZIRNSAK 4-9-2018
FRACTIONAL	± 1/64	SHEET SIZE	<b>D</b>
2 PL DEC.	± 0.01	<b>SK3015-1062</b>	
3 PL DEC.	± 0.005	SCALE: 1:1	
ANGULAR	± 1 DEG.	SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES	

APPROVAL AGENCY CODE: NIOSH ATTR. DOC.:		REVISION
<b>INSTALLATION OUTLINE, ROUND DUCT MOUNT KIT, ULTIMA X5000</b>		<b>0</b>
		SHEET 1 OF 1