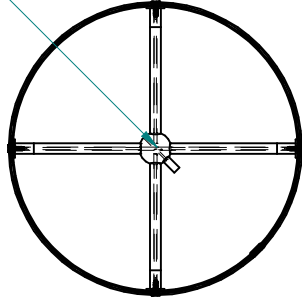
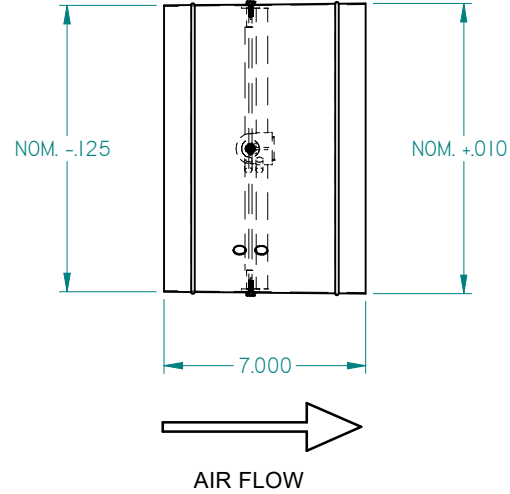


**DMS - DIFFUSER MEASURING STATION**

MULTI-POINT SENSOR (SP300)



DUCT SIDE                      DIFFUSER INLET SIDE



NOM. INLET SIZE	MIN CFM READING	A	K FACTOR			
			SQUARE	SWIRL	LINEAR	ROUND
6	14	18"	510	510	485	468
8	26	20"	950	990	1050	890
10	44	22"	1500	1300	1660	1250
12	64	24"	2400	2350	N/A	2330

\*MULTI-POINT SENSOR USES DIFFERENTIAL PRESSURE AVERAGING TO AMPLIFY AND CALCULATE FLOW USING A CALIBRATION K FACTOR.  
 \*MODEL PLD 60IN / 1500MM WITH 4 SLOTS USES AN OVAL INLET.  
 DMS NOT AVAILABLE FOR OVAL INLET.

**NOTES:**

- PRODUCT IS SHIPPED SEPARATELY AND INSTALLED IN FIELD
- INCLUDES COLLAR WITH MULTIPOINT SENSOR (SP300), FLEXRIGHT DUCT ELBOW, DUCT TIES (X2), DMS CONTROL BOARD KIT AND PNEUMATIC TUBING
- FOR USE ON PRODIGY MASTER SERIES DIFFUSERS
- SEE MANUAL FOR DETAILS

**MATERIAL:**

- STEEL COLLAR CONSTRUCTION

**FINISH:**

- MILL FINISH

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

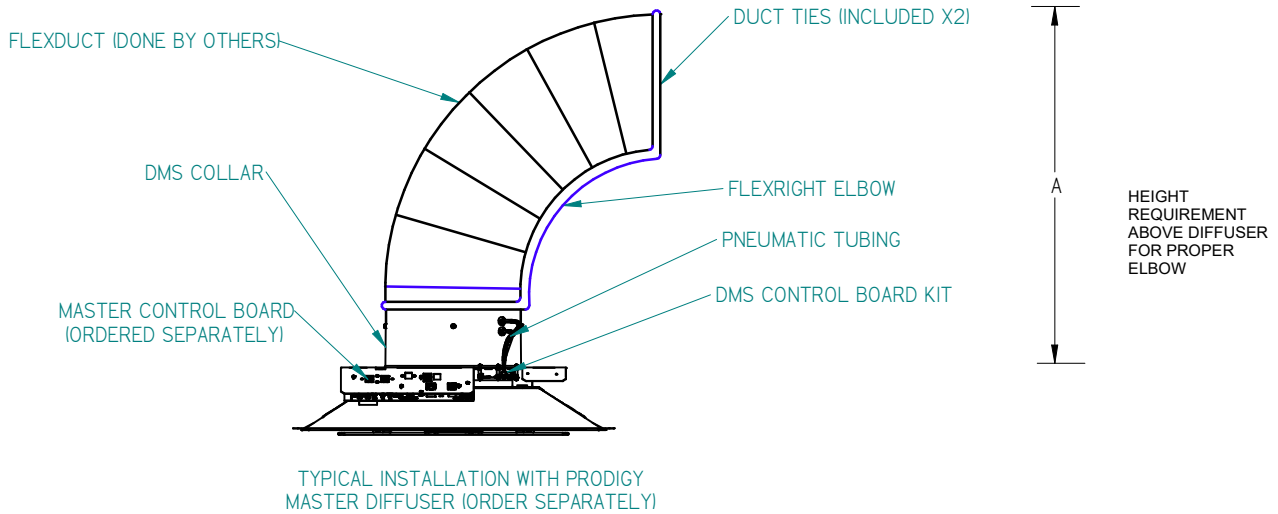
**INSTALLATION METHODS:**

- FLEXRIGHT ELBOW CONNECTION (90°) - MAINTAIN OPTIMAL INLET CONDITION BY USING FLEXRIGHT ELBOW (INCLUDED) FOR FLEX DUCT INLET CONNECTION (SEE MANUAL). USE HARD DUCT ELBOW INLET CONNECTION FOR BEST RESULTS.
- STRAIGHT DUCT CONNECTION(180°) - MAINTAIN OPTIMAL INLET CONDITION BY KEEPING FLEX DUCT FULLY EXTENDED (SEE MANUAL). USE HARD DUCT INLET CONNECTION FOR BEST RESULTS.

<b>PROJECT:</b>		<b>PRICE</b>	
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		273691	<b>DMS DIFFUSER MEASURING STATION</b>
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	AUG 2021	

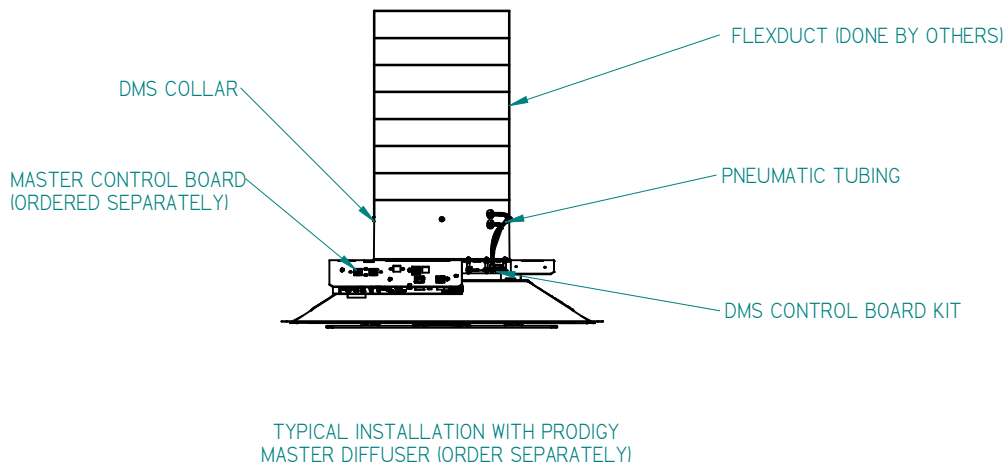
**DMS - DIFFUSER MEASURING STATION**

**FLEXRIGHT ELBOW CONNECTION -**



**STRAIGHT DUCT CONNECTION -**

NOTE: FLEXRIGHT ELBOW NOT REQUIRED



ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

**PROJECT:**



**ENGINEER:**

AF

**CUSTOMER:**

273691

**DMS  
DIFFUSER  
MEASURING STATION**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

AUG 2021