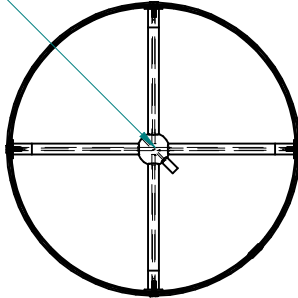
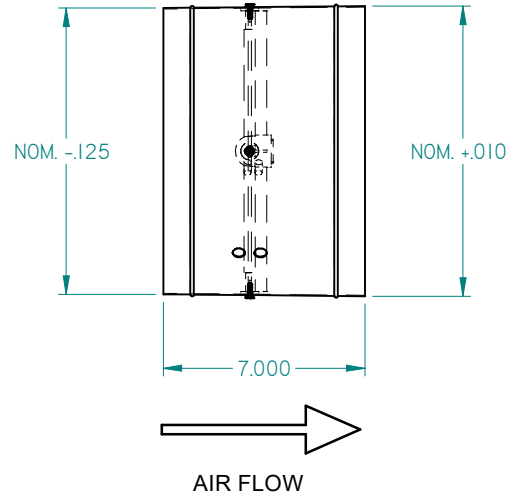


DMSA - ACUTHERM DIFFUSER MEASURING STATION

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 ADVANTAGE MASTER SERIES DIFFUSERS
- SEE MANUAL FOR DETAILS

MATERIAL:

- STEEL COLLAR CONSTRUCTION

FINISH:

- MILL FINISH

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.

NOTE - METRIC DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST MILLIMETER

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SUBMITTAL NO: 273690

REV 0

DMSA

ACUTHERM DIFFUSER MEASURING STATION

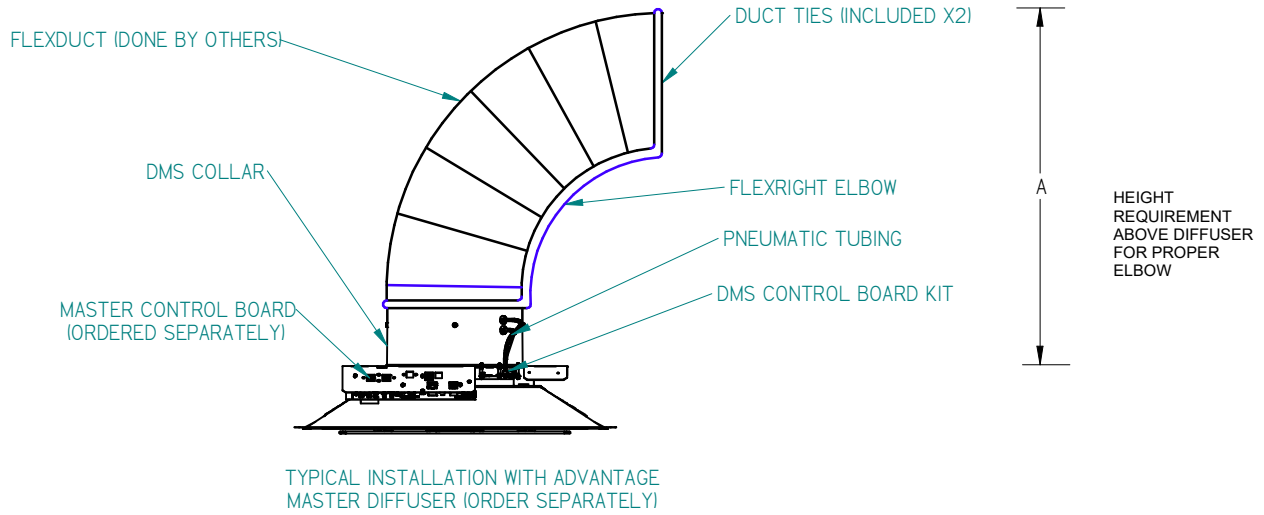
2021/09/01

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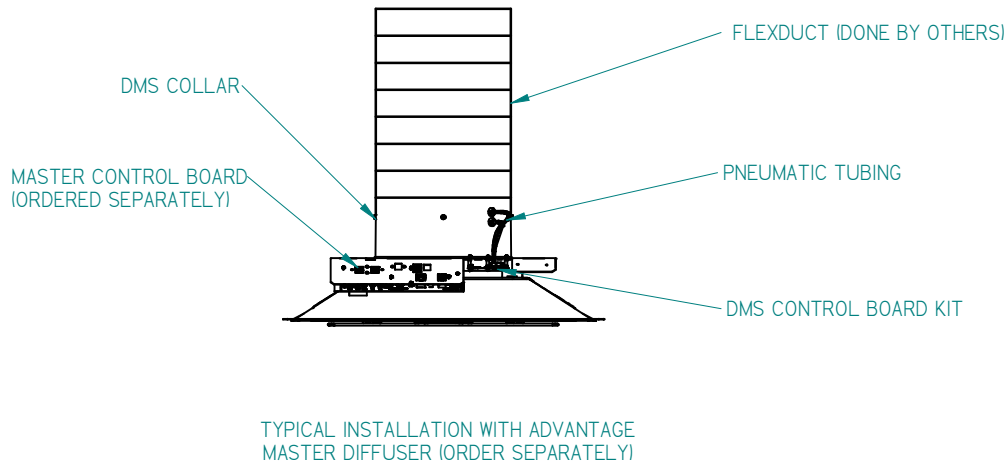
DMSA - ACUTHERM DIFFUSER MEASURING STATION

FLEXRIGHT ELBOW CONNECTION -



STRAIGHT DUCT CONNECTION -

NOTE: FLEXRIGHT ELBOW NOT REQUIRED



NOTE - METRIC DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST MILLIMETER

PROJECT:

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ACUTHERM DIFFUSER MEASURING STATION

CUSTOMER:

SUBMITTAL DATE:

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