

**Project Title:** Sample Project  
**Project ID:** 30206  
**Project Manger:** T.M.

**Prepared By:** W.T   **Sheet:** 1 of 1  
**Checked By:** D.W.   **Date:** 2/4/18

**DUCTWORK SIZING USING FPM**

**Project Description**

AHU-1 Ductwork

<b>Tag</b>	<b>Airflow CFM</b>	<b>Velocity (FPM)</b>	<b>Required Duct Area</b> (Sq.Ft)   (Sq.Inches)		<b>Duct Height (Inches)</b>	<b>Duct Width (Inches)</b>	<b>Duct Size (W x H)</b>	<b>Remarks</b>
A-B	62,500	1,500	41.67	6,000	62	97	8' - 0" W x 5' - 2" H	Main Duct
B-C	20,000	1,500	13.33	1,920	26	74	6' - 1" W x 2' - 2" H	Branch 1
C-D	15,000	1,500	10.00	1,440	30	48	4' - 0" W x 2' - 6" H	Branch 2
D-E	10,000	1,500	6.67	960	30	32	2' - 8" W x 2' - 6" H	Branch 3

**Notes:**

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