

Project Title: Sample Project
 Project ID: 30206
 Project Manger: W.M.

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

DUCTWORK SURFACE AREA, WEIGHT AND COST ESTIMATES

Galvanized Steel

Project Description

AHU-1 Ductwork

Segment Tag	Duct Cross Section		Duct Length		Surface Area (SF)	Galvanized Steel Sheet Metal			Remarks	
	Width (Inches)	Height (Inches)	(Feet)	(Inches)		Sheet Metal (Gauge)	Weight/SF (lb/SF)	Weight (lbs)		
1	A-B	36	24	10	0	100.00	22	1.406	140.60	Main Duct
2	B-C	30	24	7	2	64.50	24	1.156	74.56	Branch 1
3	C-D	38	24	10	5	107.64	24	1.156	124.43	Branch 2
4	D-E	36	20	8	2	76.22	24	1.156	88.11	Branch 3
5	E-F	30	20	10	5	86.81	24	1.156	100.35	Branch 4
6	F-G	20	15	8	8	50.56	24	1.156	58.44	Branch 5
7	G-H	14	12	10	5	45.14	24	1.156	52.18	Branch 6
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Total Surface Area (SF)=	530.86	Subtotal Duct Weight =	639	lbs
Allowance:	25%		160	lbs
		Total Duct Weight =	798	lbs
		Cost per lb. =	\$15.00	\$/lb
		Total Cost =	\$11,975	

- Notes:
- 1) Surface Area = (2 x W x L) + (2 x H x L)
 - 2) Calculated Weight does not include allowance for scrap

Notes:
 Enter Your Notes Here