

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

WATER VOLUME INSIDE PIPING AND EQUIPMENT ESTIMATE

Project Description

Water Volume Inside Pipe Estimate

Water Volume Inside Piping						
Segment	Pipe Diameter (inches)	Length (feet)	Gallons per Foot of Pipe	Gallons	Remarks	
1	A-B	1/4"	50.0	0.003	0.15	erer
2	B-C	1/2"	75.0	0.010	0.75	
3	C-D	1"	20.0	0.041	0.82	
4	D-E	2 1/2"	55.0	0.255	14.03	
5	E-F	3"	25.0	0.367	9.18	
6	F-G	4"	25.0	0.653	16.33	
7						
8						
9						
10						
11						
12						
13						
14						
15						

	Total Volume =	41.25	Gallons
Allowance/Safety:	15%	6.19	Percent
Total Water Inside Piping with Safety =		47.4	Gallons

Water Volume Inside Equipment		
Equipment	Gallons	Remarks
Chiller #1	20.00	From Manufacturer Cut
Expansion Tank #1	15.00	

	Total Volume =	35.00	Gallons
Allowance/Safety:	15%	5.25	Percent
Total Water Inside Equipment with Safety =		40.3	Gallons

Grand Total (Piping + Equipment) =		87.7	Gallons
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Notes:

Enter Your Notes Here