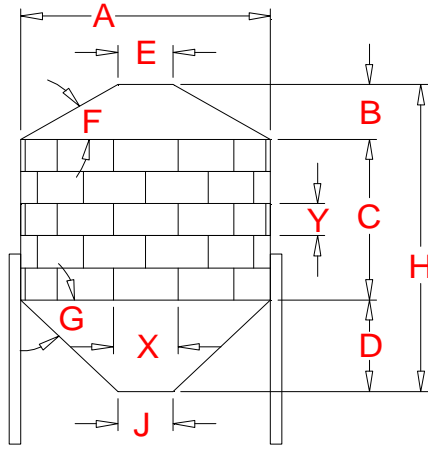


### Cubic Foot Capacity of 60° Hopper Tank using 112.5" x 44" Sheets



- E** 30 Inch Diameter-Top Opening
- F** 30 degree of Roof
- G** 60 degree of Hopper
- J** 16 Inch Dia.-Discharge Opening
- X** 112.5 Inch Arc Length
- Y** 44 Inch Tier (Ring) Height

Tiers High	1	2	3	4	5	6	7	8	9	10	Sheets per Tier	Actual Diameter Feet	Roof Height Feet	Hopper Height Feet
<b>C (ft)</b>	<b>3.67</b>	<b>7.33</b>	<b>11.00</b>	<b>14.67</b>	<b>18.33</b>	<b>22.00</b>	<b>25.67</b>	<b>29.33</b>	<b>33.00</b>	<b>36.67</b>		<b>A</b>	<b>B</b>	<b>D</b>
<b>Nom.Dia.</b>	<b>CAPACITY IN CUBIC FEET</b>													
<b>6</b>	165	268	370	473	575	678	781	883	986	1,088	<b>2</b>	5.968	1.001	4.014
<b>9</b>	446	677	908	1,138	1,369	1,600	1,831	2,062	2,292	2,523	<b>3</b>	8.952	1.863	6.598
<b>12</b>	923	1,333	1,743	2,154	2,564	2,974	3,385	3,795	4,205	4,616	<b>4</b>	11.937	2.724	9.183
<b>15</b>	1,644	2,285	2,926	3,567	4,208	4,849	5,490	6,131	6,773	7,414	<b>5</b>	14.921	3.586	11.767
<b>18</b>	2,657	3,580	4,503	5,426	6,350	7,273	8,196	9,119	10,043	10,966	<b>6</b>	17.905	4.447	14.351
<b>21</b>	4,010	5,267	6,524	7,780	9,037	10,293	11,550	12,807	14,063	15,320	<b>7</b>	20.889	5.308	16.936
<b>24</b>	5,753	7,394	9,035	10,677	12,318	13,959	15,600	17,242	18,883	20,524	<b>8</b>	23.873	6.170	19.520
<b>27</b>	7,932	10,009	12,086	14,164	16,241	18,318	20,395	22,473	24,550	26,627	<b>9</b>	26.857	7.031	22.104
<b>30</b>	10,596	13,161	15,725	18,290	20,854	23,419	25,983	28,548	31,112	33,677	<b>10</b>	29.842	7.893	24.689
<b>33</b>	13,794	16,897	20,000	23,103	26,206	29,309	32,412	35,515	38,618	41,721	<b>11</b>	32.826	8.754	27.273
<b>36</b>	17,573	21,266	24,959	28,652	32,345	36,037	39,730	43,423	47,116	50,809	<b>12</b>	35.810	9.616	29.858
<b>39</b>	21,982	26,316	30,650	34,984	39,318	43,652	47,986	52,320	56,654	60,988	<b>13</b>	38.794	10.477	32.442

### Dimension "H" in Feet

Tiers High	1	2	3	4	5	6	7	8	9	10	Sheets per Tier
<b>Nom.Dia.</b>											
<b>6</b>	8.7	12.3	16.0	19.7	23.3	27.0	30.7	34.3	38.0	41.7	<b>2</b>
<b>9</b>	12.1	15.8	19.5	23.1	26.8	30.5	34.1	37.8	41.5	45.1	<b>3</b>
<b>12</b>	15.6	19.2	22.9	26.6	30.2	33.9	37.6	41.2	44.9	48.6	<b>4</b>
<b>15</b>	19.0	22.7	26.4	30.0	33.7	37.4	41.0	44.7	48.4	52.0	<b>5</b>
<b>18</b>	22.5	26.1	29.8	33.5	37.1	40.8	44.5	48.1	51.8	55.5	<b>6</b>
<b>21</b>	25.9	29.6	33.2	36.9	40.6	44.2	47.9	51.6	55.2	58.9	<b>7</b>
<b>24</b>	29.4	33.0	36.7	40.4	44.0	47.7	51.4	55.0	58.7	62.4	<b>8</b>
<b>27</b>	32.8	36.5	40.1	43.8	47.5	51.1	54.8	58.5	62.1	65.8	<b>9</b>
<b>30</b>	36.2	39.9	43.6	47.2	50.9	54.6	58.2	61.9	65.6	69.2	<b>10</b>
<b>33</b>	39.7	43.4	47.0	50.7	54.4	58.0	61.7	65.4	69.0	72.7	<b>11</b>
<b>36</b>	43.1	46.8	50.5	54.1	57.8	61.5	65.1	68.8	72.5	76.1	<b>12</b>
<b>39</b>	46.6	50.3	53.9	57.6	61.3	64.9	68.6	72.3	75.9	79.6	<b>13</b>

### Number of Sidewall Sheets per Hoppered Tank

Tiers High	1	2	3	4	5	6	7	8	9	10	Sheets per Tier
Nom.Dia.											
6	2	4	6	8	10	12	14	16	18	20	2
9	3	6	9	12	15	18	21	24	27	30	3
12	4	8	12	16	20	24	28	32	36	40	4
15	5	10	15	20	25	30	35	40	45	50	5
18	6	12	18	24	30	36	42	48	54	60	6
21	7	14	21	28	35	42	49	56	63	70	7
24	8	16	24	32	40	48	56	64	72	80	8
27	9	18	27	36	45	54	63	72	81	90	9
30	10	20	30	40	50	60	70	80	90	100	10
33	11	22	33	44	55	66	77	88	99	110	11
36	12	24	36	48	60	72	84	96	108	120	12
39	13	26	39	52	65	78	91	104	117	130	13

**Exterior Surface Area in Square Feet**

Tiers High	1	2	3	4	5	6	7	8	9	10	Sheets per Tier	SF Area Roof & Hopper
Nom.Dia.												
6	149	217	286	355	424	492	561	630	699	767	2	80
9	293	396	499	603	706	809	912	1,015	1,118	1,221	3	190
12	482	620	757	895	1,032	1,170	1,307	1,445	1,582	1,720	4	345
15	715	887	1,059	1,231	1,403	1,574	1,746	1,918	2,090	2,262	5	543
18	992	1,198	1,405	1,611	1,817	2,023	2,230	2,436	2,642	2,848	6	786
21	1,313	1,554	1,795	2,035	2,276	2,516	2,757	2,998	3,238	3,479	7	1,073
24	1,679	1,954	2,229	2,504	2,779	3,054	3,329	3,604	3,879	4,154	8	1,404
27	2,088	2,398	2,707	3,016	3,326	3,635	3,944	4,254	4,563	4,873	9	1,779
30	2,542	2,885	3,229	3,573	3,917	4,260	4,604	4,948	5,292	5,635	10	2,198
33	3,039	3,418	3,796	4,174	4,552	4,930	5,308	5,686	6,064	6,443	11	2,661
36	3,581	3,994	4,406	4,819	5,231	5,644	6,056	6,469	6,881	7,294	12	3,169
39	4,167	4,614	5,061	5,508	5,955	6,402	6,849	7,295	7,742	8,189	13	3,720

**34.4 Square Foot Coverage per Sidewall Sheet**

**RATIO of Cu.Ft. Capacity TO: Sq.Ft. Exterior Surface**

Tiers High	1	2	3	4	5	6	7	8	9	10	Sheets per Tier
Nom.Dia.											
6	1.11	1.23	1.29	1.33	1.36	1.38	1.39	1.40	1.41	1.42	2
9	1.52	1.71	1.82	1.89	1.94	1.98	2.01	2.03	2.05	2.07	3
12	1.91	2.15	2.30	2.41	2.48	2.54	2.59	2.63	2.66	2.68	4
15	2.30	2.58	2.76	2.90	3.00	3.08	3.14	3.20	3.24	3.28	5
18	2.68	2.99	3.21	3.37	3.49	3.59	3.68	3.74	3.80	3.85	6
21	3.05	3.39	3.64	3.82	3.97	4.09	4.19	4.27	4.34	4.40	7
24	3.43	3.78	4.05	4.26	4.43	4.57	4.69	4.78	4.87	4.94	8
27	3.80	4.17	4.47	4.70	4.88	5.04	5.17	5.28	5.38	5.46	9
30	4.17	4.56	4.87	5.12	5.32	5.50	5.64	5.77	5.88	5.98	10
33	4.54	4.94	5.27	5.54	5.76	5.94	6.11	6.25	6.37	6.48	11
36	4.91	5.32	5.66	5.95	6.18	6.39	6.56	6.71	6.85	6.97	12
39	5.27	5.70	6.06	6.35	6.60	6.82	7.01	7.17	7.32	7.45	13