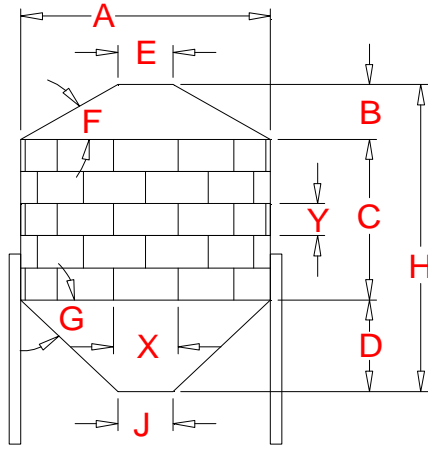


### Cubic Foot Capacity of 60° Hopper Tank using 112.5" x 32" Sheets



- 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** 32 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>2.67</b>	<b>5.33</b>	<b>8.00</b>	<b>10.67</b>	<b>13.33</b>	<b>16.00</b>	<b>18.67</b>	<b>21.33</b>	<b>24.00</b>	<b>26.67</b>		<b>A</b>	<b>B</b>	<b>D</b>
<b>Nom.Dia.</b>	<b>CAPACITY IN CUBIC FEET</b>													
<b>6</b>	137	212	286	361	436	510	585	659	734	809	<b>2</b>	5.968	1.001	4.014
<b>9</b>	383	551	719	887	1,054	1,222	1,390	1,558	1,726	1,894	<b>3</b>	8.952	1.863	6.598
<b>12</b>	811	1,109	1,408	1,706	2,005	2,303	2,601	2,900	3,198	3,497	<b>4</b>	11.937	2.724	9.183
<b>15</b>	1,469	1,935	2,401	2,868	3,334	3,800	4,266	4,733	5,199	5,665	<b>5</b>	14.921	3.586	11.767
<b>18</b>	2,405	3,076	3,748	4,419	5,091	5,762	6,434	7,105	7,776	8,448	<b>6</b>	17.905	4.447	14.351
<b>21</b>	3,668	4,582	5,495	6,409	7,323	8,237	9,151	10,065	10,979	11,893	<b>7</b>	20.889	5.308	16.936
<b>24</b>	5,305	6,499	7,692	8,886	10,080	11,273	12,467	13,661	14,854	16,048	<b>8</b>	23.873	6.170	19.520
<b>27</b>	7,365	8,876	10,387	11,898	13,408	14,919	16,430	17,941	19,451	20,962	<b>9</b>	26.857	7.031	22.104
<b>30</b>	9,897	11,762	13,627	15,492	17,357	19,222	21,087	22,953	24,818	26,683	<b>10</b>	29.842	7.893	24.689
<b>33</b>	12,948	15,204	17,461	19,718	21,975	24,231	26,488	28,745	31,002	33,259	<b>11</b>	32.826	8.754	27.273
<b>36</b>	16,566	19,252	21,937	24,623	27,309	29,995	32,680	35,366	38,052	40,738	<b>12</b>	35.810	9.616	29.858
<b>39</b>	20,800	23,952	27,104	30,256	33,408	36,560	39,712	42,864	46,016	49,168	<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>	7.7	10.3	13.0	15.7	18.3	21.0	23.7	26.3	29.0	31.7	<b>2</b>
<b>9</b>	11.1	13.8	16.5	19.1	21.8	24.5	27.1	29.8	32.5	35.1	<b>3</b>
<b>12</b>	14.6	17.2	19.9	22.6	25.2	27.9	30.6	33.2	35.9	38.6	<b>4</b>
<b>15</b>	18.0	20.7	23.4	26.0	28.7	31.4	34.0	36.7	39.4	42.0	<b>5</b>
<b>18</b>	21.5	24.1	26.8	29.5	32.1	34.8	37.5	40.1	42.8	45.5	<b>6</b>
<b>21</b>	24.9	27.6	30.2	32.9	35.6	38.2	40.9	43.6	46.2	48.9	<b>7</b>
<b>24</b>	28.4	31.0	33.7	36.4	39.0	41.7	44.4	47.0	49.7	52.4	<b>8</b>
<b>27</b>	31.8	34.5	37.1	39.8	42.5	45.1	47.8	50.5	53.1	55.8	<b>9</b>
<b>30</b>	35.2	37.9	40.6	43.2	45.9	48.6	51.2	53.9	56.6	59.2	<b>10</b>
<b>33</b>	38.7	41.4	44.0	46.7	49.4	52.0	54.7	57.4	60.0	62.7	<b>11</b>
<b>36</b>	42.1	44.8	47.5	50.1	52.8	55.5	58.1	60.8	63.5	66.1	<b>12</b>
<b>39</b>	45.6	48.3	50.9	53.6	56.3	58.9	61.6	64.3	66.9	69.6	<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	SF Area
											per Tier	Roof & Hopper
Nom.Dia.												
6	130	180	230	280	330	380	430	480	530	580	2	80
9	265	340	415	490	565	640	715	790	865	940	3	190
12	445	545	645	745	845	945	1,045	1,145	1,245	1,345	4	345
15	668	793	918	1,043	1,168	1,293	1,418	1,543	1,668	1,793	5	543
18	936	1,086	1,236	1,386	1,536	1,686	1,836	1,986	2,136	2,286	6	786
21	1,248	1,423	1,598	1,773	1,948	2,123	2,298	2,473	2,648	2,823	7	1,073
24	1,604	1,804	2,004	2,204	2,404	2,604	2,804	3,004	3,204	3,404	8	1,404
27	2,004	2,229	2,454	2,679	2,904	3,129	3,354	3,579	3,804	4,029	9	1,779
30	2,448	2,698	2,948	3,198	3,448	3,698	3,948	4,198	4,448	4,698	10	2,198
33	2,936	3,211	3,486	3,761	4,036	4,311	4,586	4,861	5,136	5,411	11	2,661
36	3,469	3,769	4,069	4,369	4,669	4,969	5,269	5,569	5,869	6,169	12	3,169
39	4,045	4,370	4,695	5,020	5,345	5,670	5,995	6,320	6,645	6,970	13	3,720

**25.0 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	1.06	1.18	1.25	1.29	1.32	1.34	1.36	1.37	1.39	1.39	2
9	1.44	1.62	1.73	1.81	1.87	1.91	1.94	1.97	2.00	2.01	3
12	1.82	2.04	2.18	2.29	2.37	2.44	2.49	2.53	2.57	2.60	4
15	2.20	2.44	2.62	2.75	2.85	2.94	3.01	3.07	3.12	3.16	5
18	2.57	2.83	3.03	3.19	3.31	3.42	3.50	3.58	3.64	3.70	6
21	2.94	3.22	3.44	3.62	3.76	3.88	3.98	4.07	4.15	4.21	7
24	3.31	3.60	3.84	4.03	4.19	4.33	4.45	4.55	4.64	4.71	8
27	3.68	3.98	4.23	4.44	4.62	4.77	4.90	5.01	5.11	5.20	9
30	4.04	4.36	4.62	4.84	5.03	5.20	5.34	5.47	5.58	5.68	10
33	4.41	4.73	5.01	5.24	5.44	5.62	5.78	5.91	6.04	6.15	11
36	4.78	5.11	5.39	5.64	5.85	6.04	6.20	6.35	6.48	6.60	12
39	5.14	5.48	5.77	6.03	6.25	6.45	6.62	6.78	6.92	7.05	13