

Air Cannon Selection Chart

Air Cannon Model	Material Type	Number of Air Cannons Recommended per Bin / Hopper												Area of Influence	
		Diameter of Structure													
		ft	3	5	10	15	20	25	30	35	40	45	50	ft	m
		m	1	1.5	3	4.5	6	8	9	10.6	12	14	15		
2.5" Discharge:															
GW2.5-8-24	I		1	3	6	9	12	15	18	21	24	27	30	4	1.2
	II		1	2	3	5	6	7	8	10	12	13	15	7	2.1
4" Discharge:															
GW4-12-28	I		*	3	4	6	10	12	14	16	18	20	25	6	1.8
GWE4-12-28	II		*	2	3	4	5	6	7	8	10	11	12	9	2.7
G400-40-50			*	1	2	3	4	5	6	7	8	9	11	10	3.0
GW4-16-34	I		*	2	3	6	9	11	13	14	17	18	22	7	2.1
GWE4-16-34	II		*	1	2	3	4	5	6	7	8	9	11	10	3.0
G400-40-100			*	1	2	3	4	5	6	7	8	9	10	10	3.0
GW4-20-30	I		*	2	4	6	8	10	11	12	15	16	18	7	2.1
GWE4-20-30	II		*	1	2	3	4	5	6	7	8	9	10	10	3.0
G400-40-150			*	1	2	3	4	5	6	7	8	9	10	10	3.0
6" Discharge:															
GW6-24-48	I		*	2	3	5	6	8	9	10	12	14	16	8	2.4
GWE6-24-48	II		*	1	2	3	4	5	6	7	8	9	10	12	3.7
G400-60-300			*	1	1	2	2	2	2	3	4	5	5	16	4.9
GW6-30-60	I		*	1	2	3	4	5	7	10	10	11	12	10	3.0
GWE6-30-60	II		*	1	1	2	2	2	2	3	4	5	5	16	4.9
G400-60-650			*	1	1	2	2	2	2	3	4	5	5	16	4.9
* Not suitable - too large for application															
<p>Type I Material: These are solids that weigh more than 55 lb/ft³ (881 kg/m³), have mixed size or large chunks, tend to cling regardless of weight, or have a pasty or greasy consistency.</p>															
<p>Type II Material: These are solids that weigh less than 55 lb/ft³ (881 kg/m³), are dry and powdery, do not compact or cling during storage, and flow easily under most conditions.</p>															