

VECTOR® Mixed Flow Dryer Specifications

Dryer Model	1608	1610	1612	1614	2408	2410	2412	2414	2416	2420
Dryer Width	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)	8.8 ft. (2.7 m)
Grain Column Length	16 ft. (4.9 m)	16 ft. (4.9 m)	16 ft. (4.9 m)	16 ft. (4.9 m)	24 ft. (7.3 m)	24 ft. (7.3 m)	24 ft. (7.3 m)	24 ft. (7.3 m)	24 ft. (7.3 m)	24 ft. (7.3 m)
Number of Tiers	8	10	12	14	8	10	12	14	16	20
Overall Dryer Length	34.9 ft. (10.6 m)	34.9 ft. (10.6 m)	34.9 ft. (10.6 m)	34.9 ft. (10.6 m)	42.8 ft. (13.0 m)	42.8 ft. (13.0 m)	42.8 ft. (13.0 m)	42.8 ft. (13.0 m)	42.8 ft. (13.0 m)	42.8 ft. (13.0 m)
Dryer Fill Height - Gravity Garner	28.8 ft. (8.8 m)	32.8 ft. (10.0 m)	36.8 ft. (11.2 m)	40.8 ft. (12.4 m)	30.8 ft. (9.4 m)	34.8 ft. (10.6 m)	38.8 ft. (11.8 m)	42.8 ft. (13.0 m)	46.8 ft. (14.3 m)	54.8 ft. (16.7 m)
Dryer Fill Height - Leveling Auger	29.3 ft. (8.9 m)	33.3 ft. (10.1 m)	37.3 ft. (11.4 m)	41.3 ft. (12.6 m)	29.3 ft. (8.9 m)	33.3 ft. (10.1 m)	37.3 ft. (11.4 m)	41.3 ft. (12.6 m)	45.3 ft. (13.8 m)	53.3 ft. (16.2 m)
Double-Wide, Double-Inlet Blower (Quantity x hp)	2x 15 hp	2x 15 hp	2x 20 hp	3x 15 hp	2x 20 hp	2x 20 hp	3x 20 hp	3x 25 hp	4x 20 hp	5x 20 hp
Max Burner Output (Million BTU/hr)	6.0	8.4	10.2	12.4	9.2	11.0	15.3	17.1	21.4	24.8
Typical Burner Output (Million BTU/hr)	4.6	6.5	7.9	9.6	7.1	8.6	11.9	13.2	16.6	19.3
Leveling Auger Load Motor Size	3 hp	3 hp	3 hp	3 hp	5 hp	5 hp	5 hp	5 hp	5 hp	5 hp
Unload Motor Size	3 hp	3 hp	3 hp	3 hp	3 hp	3 hp	3 hp	3 hp	3 hp	3 hp
Total Corn Holding Capacity (bu)	1,044	1,250	1,469	1,687	1,588	1,915	2,242	2,570	2,897	3,552
*Estimated Drying Capacity Corn Dry/ Cool 20% to 15% (bph)	784	962	1,177	1,413	1,180	1,352	1,766	2,003	2,446	2,900
*Estimated Drying Capacity Corn Dry/ Cool 25% to 15% (bph)	431	579	700	792	647	775	1,052	1,110	1,375	1,621

*Drying capacities are estimates based on collected field test data. These capacities should be attainable in one pass with mature, unfrozen, clean (maximum 2% fines) grain when operating the dryer at the recommended drying temperature. Drying capacities will vary depending upon weather conditions, hybrid variety, grain maturity, and cleanliness of the grain.

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A Division of CTB, Inc.

A Berkshire Hathaway Company

Phone: +1 866.658.4191

www.brockgrain.com

E-mail: sales@brockgrain.com

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