

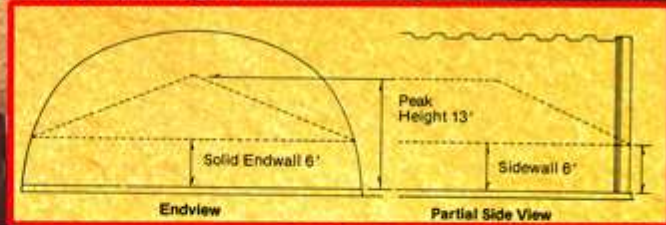
## Why buy a grain bin and pay for empty space?

During the off season, this building can be used for a variety of purposes!

**EASY TO INSTALL OPTIONS**



Stationary, Spinning, & Turbine Vents, Grain Inlets & Outlets



**EXAMPLE 40' WIDE, 22 GAUGE, BASEPLATE GRAIN STORAGE.**

### KEYWAY DESIGN

Maximum Height of Wheat and Light Weight Grains, Ft.							
Building Width	Panel Gauge B/K/C	Approx. Peak Height	Max. Sidewall	Max. Solid Endwall	Max. Grain Storage Capacity** (Bu. Per Ft.)	Live Load (Empty)	Wind Load MPH (Empty)
40' 12m	22	13'-0"	8'-9"	7'-6"	280	30 psf	110" B"
40'	20/22	13'-0"	11'-0"	9'-0"	330	35 psf	110" B"
40'	20	13'-0"	11'-0"	9'-0"	330	45 psf	110" B"
40'	18/20	13'-0"	11'-0"	9'-0"	330	50 psf	110" B"
50' 15m	22	14'-6"	8'-0"	7'-6"	390	25 psf	100" B"
50'	20/20/22	16'-0"	11'-0"	9'-0"	490	32 psf	110" B"
50'	20	16'-0"	11'-0"	9'-0"	490	40 psf	110" B"
50'	18/18/20	16'-0"	11'-0"	9'-0"	490	47 psf	110" B"
50'	18	16'-0"	11'-0"	9'-0"	490	67 psf	110" B"
60' 18m	B/K/F/C	16'-0"	7'-0"	7'-0"	550*	19 psf	100" B"
60'	20	16'-0"	7'-0"	7'-0"	550	30 psf	110" B"
60'	18/18/20/20 18	16'-0"	7'-0"	7'-0"	550	33 psf	110" B"

### KEYWAY DESIGN

Maximum Height of Corn, Ft.							
Building Width	Panel Gauge B/K/C	Approx. Peak Height	Max. Sidewall	Max. Solid Endwall	Max. Grain Storage Capacity** (Bu. Per Ft.)	Live Load (Empty)	Wind Load MPH (Empty)
40' 12m	22	13'-0"	8'-0"	6'-0"	270	30 psf	110" B"
40'	20/22	13'-0"	10'-0"	8'-0"	300	35 psf	110" B"
40'	20	13'-0"	10'-0"	8'-0"	300	45 psf	110" B"
40'	18/20	13'-0"	10'-0"	8'-0"	300	50 psf	110" B"
50' 15m	22	14'-6"	8'-0"	6'-0"	320	25 psf	100" B"
50'	20	16'-0"	8'-0"	8'-0"	375	40 psf	100" B"
60' 18m	20	16'-0"	6'-0"	6'-0"	460	19 psf	100" B"

The load table indicated here shows maximum loading for the respective Panel Arches. Some combinations of Panel Arches may carry more wind load than shown above.

If the wind load is increased, live load capacity may decrease. Please check with engineering department for specific load requirement.

Building Codes in the US allow increase in stresses by 33% if the structure is designed in combination with wind or seismic loads. The wind load above is based on this 33% increase. Careful consideration should be given to use these wind loads depending upon the building Code requirements.

B - Base Panel, K - Knee Panel, C - Cap Panel, F - Flat Panel.



Optional bulkhead for increased grain capacity available

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