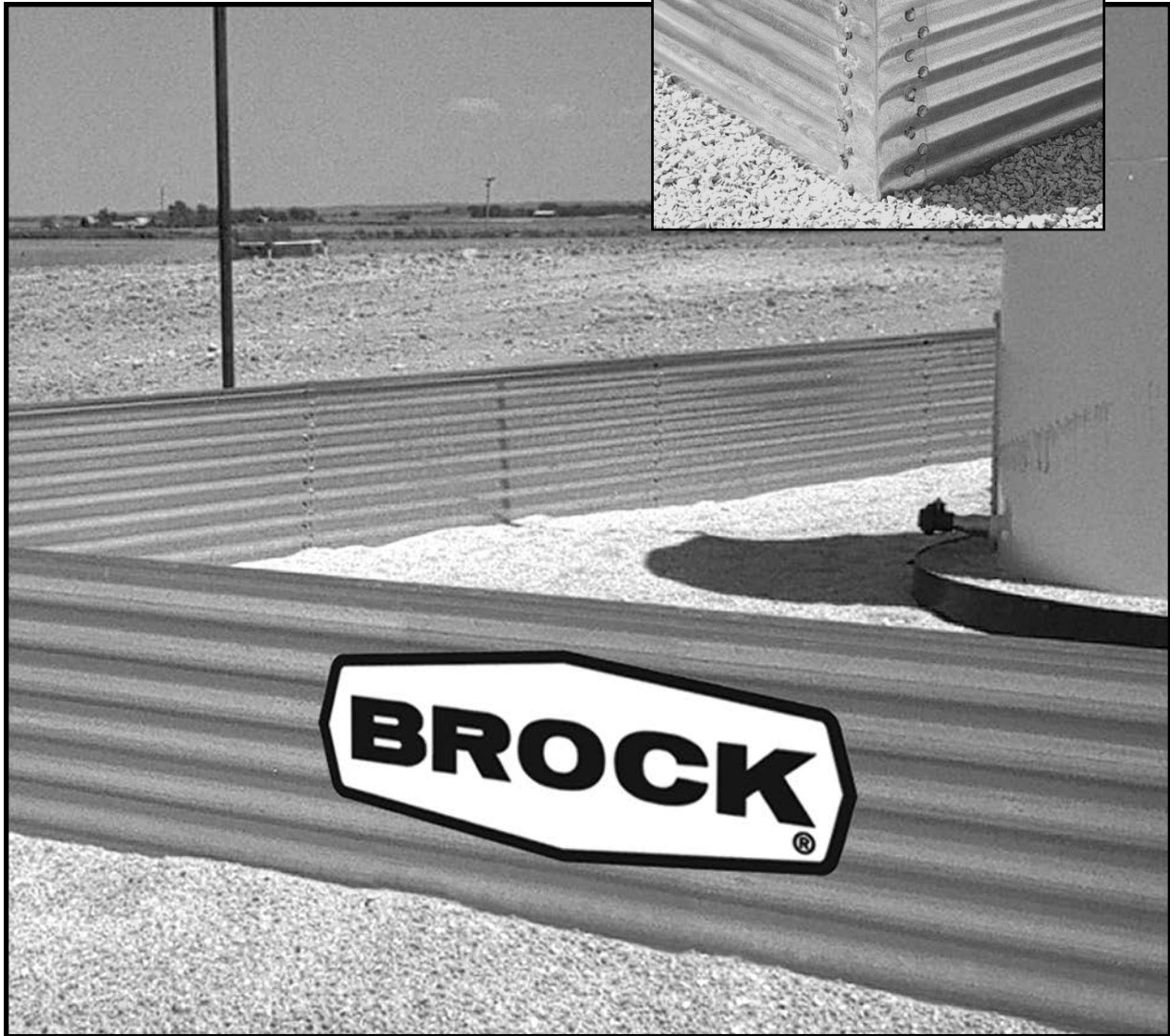


# BROCK® Containment Systems



## Shapes, Sizes and Capacities



### **BROCK INDUSTRIAL SYSTEMS**

A Division of CTB, Inc.


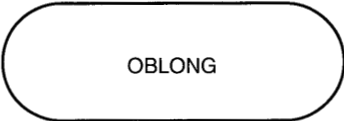
A Berkshire Hathaway Company

Phone: +1 574.658.4191



[www.brockindustrial.com](http://www.brockindustrial.com)

Email: [sales@brockgrain.com](mailto:sales@brockgrain.com)

# 22" High Rings Shapes, Sizes and Capacities

									
NOMINAL DIAMETER	ADDITIONAL SECTIONS								
		1	2	3	4	5	6	7	8
15'	LENGTH	24'	34'	43'	53'	62'	71'	80'	90'
	GALLONS 1,771	3,188	4,605	6,022	7,439	8,856	10,273	11,690	13,107
	BARRELS 42	76	110	144	177	211	245	278	312
18'	LENGTH	27'	37'	46'	56'	65'	74'	83'	93'
	GALLONS 2,551	4,251	5,951	7,651	9,351	11,051	12,751	14,451	16,151
	BARRELS 61	101	142	182	223	263	304	344	385
21'	LENGTH	30'	40'	49'	59'	68'	77'	86'	96'
	GALLONS 3,472	5,456	7,440	9,424	11,408	13,392	15,376	17,360	19,344
	BARRELS 83	130	177	224	272	319	366	413	460
24'	LENGTH	33'	43'	52'	62'	71'	80'	89'	99'
	GALLONS 4,534	6,801	9,068	11,335	13,602	15,869	18,136	20,403	22,670
	BARRELS 108	162	216	270	324	378	432	486	540
27'	LENGTH	36'	46'	55'	65'	74'	83'	92'	102'
	GALLONS 5,739	8,290	10,841	13,392	15,943	18,494	21,045	23,596	26,147
	BARRELS 137	197	258	319	380	440	501	562	623
30'	LENGTH	39'	49'	58'	68'	77'	86'	95'	105'
	GALLONS 7,085	9,919	12,753	15,587	18,421	21,255	24,089	26,923	29,757
	BARRELS 169	236	304	371	439	506	574	641	709
33'	LENGTH	42'	52'	61'	71'	80'	89'	98'	108'
	GALLONS 8,573	11,690	14,807	17,924	21,041	24,158	27,275	30,392	33,509
	BARRELS 204	278	352	427	501	575	649	724	798
36'	LENGTH	45'	55'	64'	74'	83'	92'	101'	111'
	GALLONS 10,202	13,603	17,004	20,405	23,806	27,207	30,608	34,009	37,401
	BARRELS 243	324	405	486	567	648	729	810	891
42'	LENGTH	51'	61'	70'	80'	89'	98'	107'	117'
	GALLONS 13,887	17,855	21,823	25,791	29,759	33,727	37,695	41,663	45,631
	BARRELS 331	425	520	614	709	803	898	992	1,086
48'	LENGTH	57'	67'	76'	86'	95'	104'	113'	123'
	GALLONS 18,138	22,672	27,206	31,740	36,274	40,808	45,342	49,876	54,410
	BARRELS 432	540	648	756	864	972	1,080	1,188	1,295
54'	LENGTH	63'	73'	82'	92'	101'	110'	119'	129'
	GALLONS 22,956	28,057	33,158	38,259	43,360	48,461	53,562	58,663	63,764
	BARRELS 547	668	789	911	1,032	1,153	1,275	1,397	1,518
60'	LENGTH	69'	79'	88'	98'	107'	116'	125'	135'
	GALLONS 28,341	34,009	39,677	45,345	51,013	56,681	62,349	68,017	73,685
	BARRELS 675	810	945	1,080	1,215	1,350	1,485	1,619	1,754



  

		<p>A square section consists of straight sheets, 112.5" long by 112.5" wide and is equal to 890 gallons (21 barrels). For example, a rectangle one section wide by three sections long has a capacity of 890 x 3 = 2670 gallons or 21 x 3 = 63 barrels.</p>
---	---	---



- ▶ Capacities are based on 4" embedment and 1" freeboard.
- ▶ Capacities are rounded off to the nearest whole number.
- ▶ Add 112.5" to lengths for additional sections.
- ▶ Support posts are required for oblong, square, and rectangular rings.

# 36" High Rings

## Shapes, Sizes and Capacities


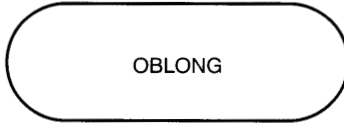
										
NOMINAL DIAMETER		ADDITIONAL SECTIONS								
		1	2	3	4	5	6	7	8	
15'	LENGTH	24'	34'	43'	53'	62'	71'	80'	90'	
	GALLONS	3,175	5,715	8,255	10,795	13,335	15,875	18,415	20,955	23,495
	BARRELS	76	136	197	257	317	378	438	499	559
18'	LENGTH	27'	37'	46'	56'	65'	74'	83'	93'	
	GALLONS	4,571	7,618	10,665	13,712	16,760	19,807	22,855	25,902	28,949
	BARRELS	109	181	254	326	399	472	544	617	689
21'	LENGTH	30'	40'	49'	59'	68'	77'	86'	96'	
	GALLONS	6,222	9,777	13,332	16,887	20,443	23,998	27,553	31,109	34,664
	BARRELS	148	233	317	402	487	571	656	741	825
24'	LENGTH	33'	43'	52'	62'	71'	80'	89'	99'	
	GALLONS	8,126	12,189	16,252	20,315	24,379	28,442	32,505	36,568	40,631
	BARRELS	193	290	387	484	580	677	774	871	967
27'	LENGTH	36'	46'	55'	65'	74'	83'	92'	102'	
	GALLONS	10,285	14,856	19,427	23,998	28,569	33,140	37,712	42,283	46,854
	BARRELS	245	354	463	571	680	789	898	1,007	1,116
30'	LENGTH	39'	49'	58'	68'	77'	86'	95'	105'	
	GALLONS	12,698	17,777	22,856	27,935	33,014	38,093	43,172	48,251	53,330
	BARRELS	302	423	544	665	786	907	1,028	1,149	1,270
33'	LENGTH	42'	52'	61'	71'	80'	89'	98'	108'	
	GALLONS	15,364	20,951	26,538	32,125	37,713	43,300	48,887	54,474	60,062
	BARRELS	366	499	632	765	898	1,031	1,164	1,297	1,430
36'	LENGTH	45'	55'	64'	74'	83'	92'	101'	111'	
	GALLONS	18,285	24,380	30,475	36,570	42,664	48,759	54,854	60,949	67,043
	BARRELS	435	580	726	871	1,016	1,161	1,306	1,451	1,596
42'	LENGTH	51'	61'	70'	80'	89'	98'	107'	117'	
	GALLONS	24,887	31,998	39,109	46,219	53,330	60,440	67,551	74,662	81,772
	BARRELS	593	762	931	1,100	1,270	1,439	1,608	1,778	1,947
48'	LENGTH	57'	67'	76'	86'	95'	104'	113'	123'	
	GALLONS	32,506	40,632	48,758	56,885	65,011	73,138	81,264	89,390	97,517
	BARRELS	774	967	1,161	1,354	1,548	1,741	1,935	2,128	2,322
54'	LENGTH	63'	73'	82'	92'	101'	110'	119'	129'	
	GALLONS	41,140	50,282	59,424	68,566	77,709	86,851	95,993	105,135	114,278
	BARRELS	980	1,197	1,415	1,633	1,850	2,068	2,286	2,503	2,721
60'	LENGTH	69'	79'	88'	98'	107'	116'	125'	135'	
	GALLONS	50,790	60,948	71,106	81,264	91,422	101,580	111,738	121,896	132,054
	BARRELS	1,209	1,451	1,693	1,935	2,177	2,419	2,660	2,902	3,144


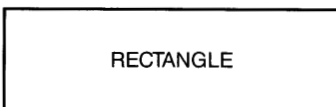
		<p>A square section consists of straight sheets, 112.5" long by 112.5" wide and is equal to 1596 gallons (38 barrels). For example, a rectangle one section wide by three sections long has a capacity of 1596 x 3 = 4788 gallons or 38 x 3 = 114 barrels.</p>
---	---	--

- ▶ Capacities are based on 6" embedment and 1" freeboard.
- ▶ Capacities are rounded off to the nearest whole number.
- ▶ Add 112.5" to lengths for additional sections.
- ▶ Support posts are required for oblong, square, and rectangular rings.

# 44" High Rings Shapes, Sizes and Capacities

 ROUND	 OBLONG							
NOMINAL DIAMETER	ADDITIONAL SECTIONS							
	1	2	3	4	5	6	7	8
LENGTH	24'	34'	43'	53'	62'	71'	80'	90'
15' GALLONS 4,047	7,284	10,521	13,758	16,995	20,232	23,469	26,706	29,943
BARRELS 96	173	251	328	405	482	559	636	713
LENGTH	27'	37'	46'	56'	65'	74'	83'	93'
18' GALLONS 5,827	9,712	13,597	17,482	21,367	25,252	29,137	33,022	36,907
BARRELS 139	231	324	416	509	601	694	786	879
LENGTH	30'	40'	49'	59'	68'	77'	86'	96'
21' GALLONS 7,931	12,463	16,995	21,527	26,059	30,591	35,123	39,655	44,187
BARRELS 189	297	405	513	620	728	836	944	1,052
LENGTH	33'	43'	52'	62'	71'	80'	89'	99'
24' GALLONS 10,359	15,539	20,719	25,899	31,079	36,259	41,439	46,619	51,799
BARRELS 246	370	493	617	740	863	987	1,110	1,233
LENGTH	36'	46'	55'	65'	74'	83'	92'	102'
27' GALLONS 13,111	18,938	24,765	30,592	36,419	42,246	48,073	53,900	59,727
BARRELS 312	451	590	728	867	1,006	1,145	1,283	1,422
LENGTH	39'	49'	58'	68'	77'	86'	95'	105'
30' GALLONS 16,186	22,661	29,136	35,611	42,086	48,561	55,036	61,511	67,986
BARRELS 385	540	694	848	1,002	1,156	1,310	1,465	1,619
LENGTH	42'	52'	61'	71'	80'	89'	98'	108'
33' GALLONS 9,586	26,708	33,830	40,952	48,074	55,196	62,318	69,440	76,562
BARRELS 466	636	805	975	1,145	1,314	1,484	1,653	1,823
LENGTH	45'	55'	64'	74'	83'	92'	101'	111'
36' GALLONS 23,308	31,077	38,846	46,615	54,384	62,153	69,921	77,690	85,460
BARRELS 555	740	925	1,110	1,295	1,480	1,665	1,850	2,035
LENGTH	51'	61'	70'	80'	89'	98'	107'	117'
42' GALLONS 31,725	40,789	49,853	58,917	67,981	77,045	86,109	95,173	104,237
BARRELS 755	971	1,187	1,403	1,619	1,834	2,050	2,266	2,482
LENGTH	57'	67'	76'	86'	95'	104'	113'	123'
48' GALLONS 41,437	51,796	62,155	72,514	82,873	93,232	103,591	113,950	124,309
BARRELS 987	1,233	1,480	1,727	1,973	2,220	2,466	2,713	2,960
LENGTH	63'	73'	82'	92'	101'	110'	119'	129'
54' GALLONS 52,444	64,098	75,752	87,406	99,060	110,713	122,367	134,021	145,675
BARRELS 1,249	1,526	1,804	2,081	2,359	2,636	2,914	3,191	3,468
LENGTH	69'	79'	88'	98'	107'	116'	125'	135'
60' GALLONS 64,746	77,695	90,644	103,593	116,542	129,491	142,440	155,389	168,338
BARRELS 1,542	1,850	2,158	2,467	2,775	3,083	3,391	3,700	4,008

 SQUARE	 RECTANGLE	<p>A square section consists of straight sheets, 112.5" long by 112.5" wide and is equal to 2034 gallons (48 barrels). For example, a rectangle one section wide by three sections long has a capacity of 2034 x 3 = 6102 gallons or 48 x 3 = 144 barrels.</p>
--	---	--

- ▶ Capacities are based on 6" embedment and 1" freeboard.
- ▶ Capacities are rounded off to the nearest whole number.
- ▶ Add 112.5" to lengths for additional sections.
- ▶ Support posts are required for oblong, square, and rectangular rings.