



505.983.5264
1808 Espinacitas Street

thefirebird.com

Mon-Fri 9:00am - 5:30pm
Sat 9:00am - 5:00pm



RAIN CATCHMENT BARRELS - use below downspouts & canales



Robust barrels with thick wall seamless construction. Recyclable. Screw on lids. FDA food grade virgin polyethylene. Incl pre-mounted hose faucet and integral overflow. Welded tank fittings for no leaks. 1 year warranty (3yrs on Agua Fria). 16 solid colors and 16 speckled colors. Mfd in New Mexico by Desert Plastics.

Description	Part #	Retail
<i>9" basket strainer, one plastic faucet, external overflow. Not freeze proof.</i>		
50 Gal Villa Plus Barrel – Any Color 20"dia x 37"h	DWC2037-VIL	\$250.89
100 Gal Villa Plus Barrel – Any Color 27"dia x 43"h	DWC2743-VIL	\$273.89
200 Gal Villa Plus Barrel – Any Color 36"dia x 48"h	DWC3648-VIL	\$417.89
360 Gal Villa Plus Barrel – Any Color 48"dia x 48"h	DWC4848-VIL	\$758.89
<i>17" SS basket strainer, one brass faucet, external overflow. Not freeze proof.</i>		
65 Gal Villa Eldorado Plus Barrel – Any Color 20"dia x 48"h	DWC2048-VIL	\$257.89
<i>Fixed canale top with screen, one brass faucet, internal overflow. Not freeze proof.</i>		
55 Gal Cubo Plus Barrel – Any Color 22"dia x 35"h	DWC2235-CBO	\$343.89
100 Gal Cubo Plus Barrel – Any Color 27"dia x 43"h	DWC2743-CBO	\$386.89
200 Gal Cubo Plus Barrel – Any Color 36"dia x 49"h	DWC3649-CBO	\$483.89
<i>9" basket strainer, 2 convenient brass faucets, internal & external overflows. Freeze resistant.</i>		
100 Gal Agua Fria Plus Barrel – Any Color 27"dia x 43"h	DWC2743-AF2	\$520.89
200 Gal Agua Fria Plus Low – Any Color 50"dia x 24"h	DWC5024-AF2	\$518.89
200 Gal Agua Fria Plus Tall – Any Color 36"dia x 48"h	DWC3648-AF2	\$613.89
360 Gal Agua Fria Plus Barrel – Any Color 48"dia x 48"h	DWC4848-AF2	\$911.89



Robust barrels with thick wall seamless construction. 5 year warranty. FDA approved polyethylene, BPA free. Assorted colors. Includes faucet and screened overflow. Mfd in Texas by Poly Mart.

Description	Part #	Retail
54 Gal Poly Mart Barrel – Any Color 22"dia x 36"h	DWPM54RB	\$174.95
100 Gal Poly Mart Barrel – Any Color 30"dia x 42"h	DWPM100	\$298.79
150 Gal Poly Mart Barrel – Any Color 30"dia x 58"h	DWPM150	\$394.79
200 Gal Poly Mart Barrel – Any Color 36"dia x 56"h	DWPM200	\$466.79
250 Gal Poly Mart Barrel – Any Color 36"dia x 67"h	DWPM250	\$514.79
500 Gal Poly Mart Barrel – Any Color 48"dia x 71"h	DWPM500	\$718.79

Barrels include pre-mounted hose faucet, & intake screen. Brick red. These are surplus food storage barrels.

Description	Part #	Retail
60 Gal Water Rite Rain Barrel 23"dia x 41"h	DWWR60	\$116.89



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Bulkhead Fittings

Ideal for adding lines to a tank. All are female pipe fittings. Includes inner & outer gaskets. Heavy duty polyethylene.

Description	Hole Size	Part #
Fitting 3/4"	1.44"	DWN60401
Fitting 1"	2.25"	DWN60427
Fitting 1 1/2"	3"	DWN60124

Description	Hole Size	Part #
Fitting 2"	3"	DWN60405
Fitting 3"	4.5"	DWN62299
Fitting 4"	5.75"	DWN62171

Calculating Rainfall

Historically, Santa Fe averages 16" of precipitation per year; about 1/2 of which is in the form of snow.

Plug in your own numbers as appropriate for your house and rainfall.

2,000 sq ft roof (a 1" rain gives you 2,000 sq ft times 1" deep of water) (1" is 1/12th of a ft)
 x 1/12 ft (1" rain) (multiply the area [2,000] times the depth in feet [1/12] to arrive at cubic feet)
 = **166.6 cubic ft** of water (this is the cubic feet of water that fell on the roof)
 x 7.47 gal/ft (this is how many gallons are in a cubic foot)
 = **1,245 gallons of water** (gallons resulting from a 1" rainfall)

NOTE: Water tanks are very heavy when full, make sure they are adequately supported.
 Ex: a full **1,550** gal tank weighs a total of **13,100** lbs. That's **315** lbs / sq ft.
 Tank should be on a level, solid flat surface; make sure the entire bottom of tank is supported.

Handy Weights & Measures of Water

8.35 lbs per gallon	>> 200 gallons of water weighs 1,670 lbs (8.35 x 200)
7.47 gallons per cubic foot	>> 200 gallons of water is 26.8 cubic ft. (200 / 7.47)
62.4 lbs per cubic foot	>> 5 cubic ft. of water weighs 312 lbs. (5 x 62.4)