

Submittal Sheet Defiance Series Water Systems Tank

Job Name: _____ Schedule #: _____

Location: _____ Model #: _____

Engineer: _____ Representative: _____

Contractor: _____

Description

The Defiance series tanks are diaphragm type, pre-charge hydro-pneumatic tanks designed for residential and commercial water well, pressure booster, and irrigation systems.



Materials of Construction

Shell: Drawn steel w/ polyurethane finish

Diaphragm: Butyl rubber with copolymer polypropylene lower water chamber

Connection: Steel elbow

Ratings

Max. Working Pressure: 125 PSI
 Max. Working Temp: 140 F
 Pre-Charge (adjustable): 38 PSI



Tank Specifications

Model	Diameter (inches)	Height (inches)	System Connection (inches)	Volume (gallons)	Drawdown (gallons)			Weight (lbs)
					20/40	30/50	40/60	
DEF 20	16	29.4	1	20	8.1	6.8	5.9	36
DEF 30	21	29.4	1 ¼	32	12.9	10.9	9.4	53.5
DEF 33	16	43.3	1	33.4	13.3	11.3	9.7	49.5
DEF 44	21	37.7	1 ¼	44	17.7	15.0	13.0	67
DEF 62	21	48.3	1 ¼	62	25.0	21.1	18.3	82
DEF 82	21	59.7	1 ¼	82	32.6	27.6	23.9	99
DEF 85	26	46.0	1 ¼	85	34.3	29.0	25.1	121
DEF 120	26	61.1	1 ¼	119	48.0	40.6	35.1	153

