

SPECIFICATIONS

Tank Model	Tank Volume	Acceptance Volume**	Connection	*Drawdown Gallons			Diameter (in.)	Height (in.)	Weight (lbs.)
				20-40	30-50	40-60			
In-Line									
+TDUI-2	1.9	1.2	3/4" NPTM	.7	.6	.5	8-1/4	10-3/16	5
+TDUI-5	4.8	2.7	3/4" NPTM	1.7	1.5	1.3	11	14-3/4	9
+TDUI-7	7.3	4.5	3/4" NPTM	2.7	2.3	2.0	11	21-1/16	14
TDUI-14	13.9	8.4	1" NPTM	5.1	4.3	3.7	15-3/8	21-1/16	24
Free Standing									
TDU-14	13.9	8.4	1" NPTF	5.1	4.3	3.7	15-3/8	24-15/16	23
TDU-20	19.9	12.1	1" NPTF	7.3	6.1	5.3	15-3/8	32-3/8	34
TDU-26	25.9	13.9	1" NPTF	9.6	8.0	7.0	15-3/8	39-9/16	43
TDU-32	31.8	13.8	1" NPTF	11.8	9.9	8.6	15-3/8	47-1/4	52
TDU-35	31.8	13.8	1" NPTF	11.8	9.9	8.6	22	28	56
TDU-45	45.2	27.3	1-1/4" NPTF	16.5	13.9	12.1	22	36-9/16	64
TDU-65	65.1	39.3	1-1/4" NPTF	23.9	20	17.4	22	48-5/8	89
TDU-85	84.9	44.7	1-1/4" NPTF	31.2	26.2	22.8	22	60-11/16	113
TDU-86	83.5	50.8	1-1/4" NPTF	30.9	25.9	22.5	26	46	116
TDU-119	115.9	70.5	1-1/4" NPTF	42.9	35.9	31.3	26	61-5/16	161
Horizontal									
+TDUH-7	7.3	4.5	3/4" NPTM	2.7	2.3	2.0	11	21-1/16	16
TDUH-14	13.9	8.4	1" NPTM	5.1	4.3	3.7	15-3/8	21-1/16	25
TDUH-20	19.9	12.1	1" NPTM	7.3	6.1	5.3	15-3/8	28-1/2	36

*Drawdown is based on Boyle's law and is the Actual usable water between start-up and shut-down.

Some manufacturer's include the 2 psi pre-charge in their drawdown calculations.

**Acceptance volume is the actual amount of water the tank will hold when the diaphragm is at its uppermost position.

SIZING GUIDE

Free Standing Tanks

System Pressure Ranges (PSI) →		20-40			30-50			40-60		
Minimum Run Time (minutes) →		1	1.5	2	1	1.5	2	1	1.5	2
Pump GPM:	5	TDU-14	TDU-20	TDU-20	TDU-20	TDU-20	TDU-32*	TDU-20	TDU-32*	TDU-45
	7	TDU-20	TDU-32*	TDU-45	TDU-32*	TDU-32*	TDU-45	TDU-32*	TDU-45	TDU-65
	10	TDU-32*	TDU-45	TDU-65	TDU-32*	TDU-45	TDU-65	TDU-45	TDU-65	TDU-86
	12	TDU-32*	TDU-65	TDU-65	TDU-45	TDU-65	TDU-86	TDU-45	TDU-65	TDU-86
	15	TDU-45	TDU-86	TDU-86	TDU-65	TDU-86	TDU-119	TDU-65	TDU-86	TDU-119
	20	TDU-65	TDU-86	TDU-119	TDU-65	2-TDU-65	2-TDU-65	TDU-86	TDU-119	2-TDU-86
	25	TDU-86	TDU-119	2-TDU-86	TDU-86	2-TDU-86	2-TDU-86	TDU-119	2-TDU-86	2-TDU-119
	30	TDU-86	TDU-119	2-TDU-86	TDU-119	2-TDU-86	2-TDU-86	TDU-119	2-TDU-86	2-TDU-119
	40	TDU-119	2-TDU-86	2-TDU-119	2-TDU-65	2-TDU-119	3-TDU-119	2-TDU-65	2-TDU-119	3-TDU-119

*TDU-35 is a better performing alternative to this tank due to the low profile design.