

DRAWDOWN FACTOR TABLE

Information Required:

1. Drawdown Required (Amount of Water Bladder Tank must Supply). Gallons _____
2. Minimum Pressure (Pump On Pressure) psig _____
3. Maximum Pressure (Pump Shut off Pressure) psig _____

Tank Selection:

4. Enter Required Drawdown (Above-Line1) Gallons _____
5. Using the Following Drawdown Factor Table, Enter Drawdown.
6. Divide Line #4 By Line #5 to get Tank Volume Required. MRS Tank _____

TABLE 1

MAXIMUM OPERATING PRESSURE AT TANK (psig)	MINIMUM OPERATING PRESSURE (psig)										
	5	10	12	15	20	25	30	35	40	45	50
10	.202	.000	-.081	—	—	—	—	—	—	—	—
12	.262	.075	.00	—	—	—	—	—	—	—	—
15	.337	.168	.101	.000	—	—	—	—	—	—	—
20	.432	.288	.231	.144	.000	—	—	—	—	—	—
25	.504	.378	.327	.252	.126	.000	—	—	—	—	—
27	.528	.408	.360	.288	.168	.048	—	—	—	—	—
30	.559	.447	.403	.336	.224	.112	.000	—	—	—	—
35	.604	.503	.463	.402	.302	.201	.101	.000	—	—	—
40	.640	.548	.512	.457	.366	.274	.183	.091	—	—	—
45	.670	.586	.553	.503	.419	.335	.251	.168	.084	—	—
50	.696	.618	.578	.541	.464	.386	.309	.232	.155	—	—
55	.717	.646	.617	.574	.502	.430	.359	.287	.215	.143	—
60	.736	.669	.643	.602	.535	.469	.402	.335	.268	.201	—
65	.753	.690	.665	.627	.565	.502	.439	.376	.314	.251	.188
70	.767	.708	.685	.649	.590	.531	.472	.413	.354	.295	.236
75	.780	.725	.702	.669	.613	.557	.502	.446	.390	.334	.279
80	.792	.739	.718	.686	.634	.581	.528	.475	.422	.370	.317
85	.802	.752	.732	.702	.652	.602	.552	.502	.451	.401	.351
90	.812	.764	.745	.716	.669	.621	.573	.525	.478	.430	.382
95	.820	.775	.757	.729	.684	.638	.593	.547	.501	.456	.410
100	.828	.758	.767	.741	.697	.654	.610	.567	.523	.480	.436

JOB NAME _____
 LOCATION _____

 CONTRACTOR _____
 CONTRACTOR P.O. NO. _____

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____