

Recreation Gas Planning  
Marc Blackwood

Recreational Gas Planning										
Depth (FSW)	40	50	60	70	80	90	100	110	120	130
Safety Reserve (ft <sup>3</sup> )	16	18	19	20	31	38	40	48	56	65
Tank	Maximum Bottom Time at Depth (min)									
Aluminum 80	27	23	20	18	13	10	9	6	4	2
Steel 72	25	21	18	16	12	9	7	5	3	1
Steel 85	31	26	23	20	15	12	11	8	6	4
Steel 95	35	30	27	24	18	15	13	10	8	6
Steel (HP) 100	38	32	28	25	20	16	14	11	9	7
Steel (HP) 130	51	44	39	35	28	24	22	18	15	13

## Notes:

Calculations are based on a consumption rate of **1** CFM/ATM  
 Calculations assume a direct descent at a rate of **50** ft/min  
*The Author in no way endorses this spreadsheet for use by others. It is provided as a theoretical "e-diving" exercise, nothing more. SCUBA diving is dangerous. Blah blah blah. Don't kill yourself.*