



How Many SCBA or SCUBA tanks will my cascade system fill?

Estimated number of fills from various cascade systems based on 500 psi residual pressure.

Pressure	# Cylinders	Total cu ft	30 minute 2216psi 45 cu ft	30 minute 4500 psi 45 cu ft	30 minute 5500 psi 45 cu ft	45 minute 4500 psi 66 cu ft	45 minute 5500 psi 66 cu ft	60 minute 2216 psi 88 cu ft	60 minute 5500 psi 88 cu ft	SCUBA 3000 psi 88 cu ft
4500 437.1 cu ft	2	874.2	17	-	-	-	-	9	-	5
	3	1311.3	28	-	-	-	-	14	-	11
	4	1748.4	39	-	-	-	-	19	-	15
	5*	2185.5	49	-	-	-	-	24	-	18
	6*	2622.6	60	-	-	-	-	29	-	22
5000 472 cu ft	2	944	18	5	-	3	-	9	-	8
	3	1416	29	11	-	7	-	16	-	13
	4	1888	40	18	-	12	-	21	-	18
	5*	2360	51	24	-	14	-	28	-	21
	6*	2832	62	32	-	17	-	33	-	26
6000 510.5 cu ft	2	1021	22	11	5	4	3	14	2	10
	3	1531.5	35	20	11	9	7	20	5	16
	4	2042	48	30	18	19	12	27	9	22
	6*	2552.5	74	52	22	29	16	38	11	33
	8*	4084	105	58	35	40	24	54	18	44

* based on a four bank cascade configuration.

Note: Intended for estimation purposes only. Fill rates do not consider the additional pressure provided by running your compressor while filling.