OXYGEN TANK DURATION CHARTS

Oxygen Duration in **hours: minutes**. Table data is estimated, actual duration will vary.

Regulator STANDARD

Oxygen setting 1-15 LPM

Tank Type	1	2	3	4	5	6	7	8	10	12	15	Cylinder Weight (lbs.)	Cylinder Height (in.)
M6	2:44	1:22	:54	:41	:32	:27	:23	:20	:16	:14	:11	3	12”
C	4:08	2:04	1:23	1:02	:50	:41	:35	:31	:25	:21	:17	4.5	11”
D	6:55	3:28	2:18	1:44	1:23	1:09	:59	:52	:42	:35	:28	5.5	16”
E	11:22	5:41	3:47	2:50	2:16	1:53	1:37	1:30	1:08	:56	:45	8	25”
M60	28:45	14:15	9:30	7:00	5:45	4:45	4:00	3:30	2:45	2:15	1:45	23	23”
M90	42:30	21:15	14:00	10:30	8:30	7:00	-	5:15	4:15	-	2:45	30	32”
MM	57:30	28:45	19:00	14:15	11:30	9:30	8:00	7:00	5:45	4:45	3:45	40	37”

Regulator CONSERVING (3:1 ratio)

Oxygen setting 1-6 (Settings are estimated LPM equivalency based on 20 breaths per minute)

Tank Type	1	2	3	4	5	6	7	8	10	12	15
M6	8:12	4:06	2:44	2:03	1:38	1:22	-	-	-	-	-
E	34:06	17:03	11:22	8:31	6:49	5:41	-	-	-	-	-

BACKUP TANK GUIDE

Number of Backup E Tanks Needed at Specific LPM Settings

LPM	1	2	3	4	5	6	7	8	10	12	15
# Backup E Tanks	2	2	2	2	2	3	3	3	4	5	6

Provide at least 4 hours of backup oxygen. Larger tanks (m60, m90, mm) may be more appropriate for patients above 10 LPM.

FIO2% TO LPM APPROXIMATE CONVERSION

FIO2 %	21%	24%	28%	32%	36%	40%	44%	48%	52%	56%	60%
LPM	0	1	2	3	4	5	6	7	8	9	10