

aerox[®]

Portable Oxygen System



The 400 series portable oxygen system is our most reliable and convenient high duration oxygen system for the general aviation market. The Aerox 400 series consists of a lightweight aluminum cylinder with ON-OFF valve, an easily attached pressure reducing regulator that allows for quick attachment of flow meters for use with Oxysaver[®] nasal cannulas for use up to 18,000 feet.



Portable Oxygen Cylinder Assembly (POCA)

ORDERING INFORMATION

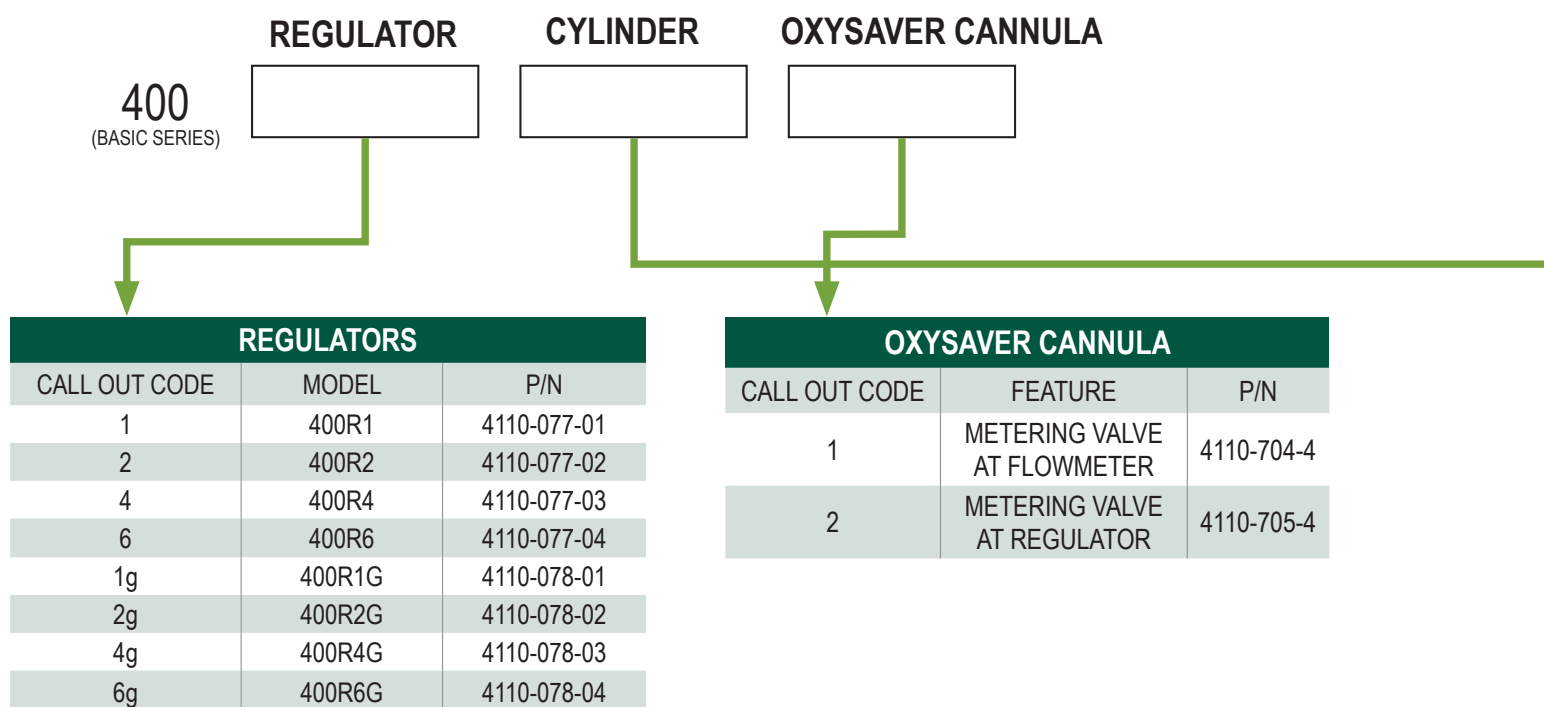
To determine your part number, follow these three easy steps:

Step 1: Select number of outlets (users). Note for F, P and R cylinder and valves use the ()g numbers.

Step 2: Select Cylinder-Valve size (hint: use 1 liter per minute at 18K feet for Oxysaver® cannula).

Step 3: Select the flow meter metering valve location (at the regulator or at the flow meter).

EXAMPLE: 2M-1 = two person, 22 cu. ft. unit with two Oxysaver® cannulas (metering valve at flow meter) includes a MSKA mask



*Aerox recommends checking oxygen levels during flight with a pulse oximeter.

KEY FEATURES

- Can be configured from one to six users
- Easy refilling
- ON/OFF valve
- Equipped with a convenient quick disconnect
- Built in cylinder pressure gauge
- Unlimited life DOT 3AL/TC cylinder, 5-year hydrostatic test
- High pressure components constructed of brass for safety



CYLINDER SPECIFICATIONS				
CALL OUT CODE	CYLINDER CAPACITY	CYLINDER SIZE	FEATURE	P/N
A	6 cu. ft. (170 Liters)	11.5" L X Ø3.25"	GAUGE	AV54G
C	9 cu. ft. (254 Liters)	10.75" L x Ø4.38"	GAUGE	CV54G
D	14.6 cu. ft. (413 Liters)	16.5" L x Ø4.38"	GAUGE	DV54G
M	22 cu. ft. (648 Liters)	16.5" L x Ø5.25"	GAUGE	MV54G
E	24.1 cu. ft. (682 Liters)	25.5" L x Ø4.38"	GAUGE	EV54G
F	33 cu. ft. (935 liters)	15.5" L x Ø6.88"	NO GAUGE	FHV54G
P	60 cu. ft. (1,700 Liters)	23.0 L x Ø7.25"	NO GAUGE	PHV54G
R	90 cu. ft. (2,549 Liters)	32.5" L Ø7.25"	NO GAUGE	RHV54G

Duration (approximate) for aerox® Systems Using Oxsaver™ Cannula															
Cylinder Size	10,000 Ft. (MSL)					15,000 Ft. (MSL)					18,000 Ft. (MSL)				
	A 180L 6cf	C 240L 9cf	D 400L 13cf	E-M 700L 13cf	F 1000L 33cf	A 180L 6cf	C 240L 9cf	D 400L 13cf	E-M 700L 13cf	F 1000L 33cf	A 180L 6cf	C 240L 9cf	D 400L 13cf	E-M 700L 13cf	F 1000L 33cf
USERS	Hour of use														
1	12	16	26.7	46.7	66.7	6.7	8.9	14.8	25.9	37	4.6	6.2	10.3	17.9	25.6
2	6	8	13.3	23.3	33.3	3.3	4.4	7.4	13	18.5	2.3	3.1	5.1	9	8.5
3	4	5.3	8.9	15.6	22.2	2.2	3	4.9	8.6	12.3	1.5	2.1	3.4	6	5.1
4	3	4	6.7	11.7	16.7	1.7	2.2	3.7	6.5	9.3	1.2	1.5	2.6	4.5	6.4
5	2.4	3.2	5.3	9.3	13.3	1.3	1.8	3	5.2	7.4	0.9	1.2	2.1	3.6	5.1
6	2	2.7	4.4	7.8	11.1	1.1	1.5	2.5	4.3	6.2	0.8	1	1.7	3	4.3



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