

How to Order MCA Series Oxygen Flowmeter Distribution Assemblies

The MCA Series Oxygen Flowmeter Distribution Systems consist of a pressure reducing oxygen regulator, oxygen supply leader hose, and adjustable flow range oxygen flowmeters at preselected intervals and optional flowmeter drop hoses for hanging applications and usage within mobile hospital shelter systems.

To order it is necessary to SELECT and SPECIFY the features desired for each portion of the system. The R-MCA Code is used to identify and select these features. Begin with the pressure reducing regulator. Move across the list of options, select one from each section, and specify the code for that option. When finished, you will have an assembly number such as **MCA-226P7-20FX0**.

This number, for example identifies a:

- MCA-** Mass Casualty Assembly
- 2** InGage Series DR5303-6003 CGA-540 Hand-Tight Oxygen Cylinder Regulator

Now select the Storage / Carry Bag size and type:

- 2** BML755 (Short Mass Casualty Bag w/ deep depth)

Now select the number of flowmeters desired and the preferred liter per minute flow range. Note that the maximum flows for each flowmeter should not exceed 150 LPM when added together. This number, for example identifies a:

- 6P7-** Six Flowmeters w/ 0 thru 25 LPM Flow Ranges

Now select the desired length for the oxygen supply leader hose.

- 20** 20 ft. length

Next select the number of flowmeter spreads and drops. (Note that the number of drops and the previously chosen number of flowmeters should be the same) Also select whether you prefer the Swivel T Option.

- F** 5 spread – 6 Drops WITH Swivel T Option

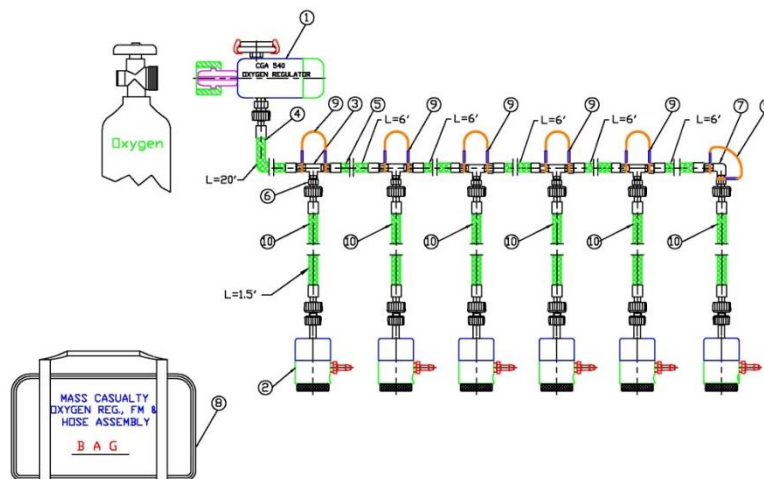
Next select the flowmeter interval spread length.

- C** 48" Overall Interval Length

Lastly select whether you prefer to have the flowmeter drop lines or not.

- A** 18" w/ DCV outlet

Combining the eight component modules above will provide a complete MCA Multiple Oxygen Flowmeter Distribution System with the following part number **MCA-226P7-20FCA**



----- Spread Length		Drop Length
0 - none		0 - no drop DCV only
1 - 120" OAL (HAG3-1212-120)		A - 18" w/ DCV outlet (HAG3-3S8S-18)
2 - 144" OAL (HAG3-1212-144)		B - 80" & 136" w/ DCV outlet (HAG3-3S8S-80 & HAG3-3S8S-136)
3 - 288" OAL (HAG3-1212-288)		C - 36" w/ DCV outlet (HAG3-3S8S-36)
4 - 192" OAL (HAG3-1212-192)		G - 60" w/ DCV outlet (HAG3-3S8S-60)
5 - 32" OAL (HAG3-1212-32)		H - 6" w/ DCV outlet (HAG3-3S8S-6)
8 - 96" OAL (HAG3-1212-96)		V - no drop Female Ohio Quick Disconnect only (QDO2-12)
A - 24" OAL (HAG3-1212-24)		
B - 18" OAL (HAG3-1212-18)	T - 59" & 118" & 59" OAL (HAG3-1212-59 & HAG3-12-12-118 & HAG3-12-12-59)	
C - 48" OAL (HAG3-1212-48)	U - 60" OAL (HAG3-1212-60)	
D - 52" OAL (HAG3-1212-52)	W - 78" & 234" (HAG3-1212-78 & HAG3-12-12-234)	
E - 6" OAL (HAG3-1212-6)	X - 72" OAL (HAG3-1212-72)	
S - 58" OAL (HAG3-1212-58)	Z - 78" OAL (HAG3-1212-78)	

----- # of Spread and Drops	
0 - no spread - 1 drop (1 ea AF222-2-2) (1 ea DCV-1240) (1 ea LDL-09)	
1 - 1 spread - 2 drops (1 ea AF3T-2) (1 ea AF222-2-2) (2 ea DCV-1240) (2 ea LDL-09)	
2 - 2 spread - 3 drops (2 ea AF3T-2) (1 ea AF222-2-2) (3 ea DCV-1240) (3 ea LDL-09)	
3 - 3 spread - 4 drops (3 ea AF3T-2) (1 ea AF222-2-2) (4 ea DCV-1240) (4 ea LDL-09)	
4 - 4 spread - 5 drops (4 ea AF3T-2) (1 ea AF222-2-2) (5 ea DCV-1240) (5 ea LDL-09)	
5 - 5 spread - 6 drops (5 ea AF3T-2) (1 ea AF222-2-2) (6 ea DCV-1240) (6 ea LDL-09)	
6 - 6 spread - 7 drops (6 ea AF3T-2) (1 ea AF222-2-2) (7 ea DCV-1240) (7 ea LDL-09)	
7 - 7 spread - 8 drops (7 ea AF3T-2) (1 ea AF222-2-2) (8 ea DCV-1240) (8 ea LDL-09)	
8 - 8 spread - 9 drops (8 ea AF3T-2) (1 ea AF222-2-2) (9 ea DCV-1240) (9 ea LDL-09)	
9 - 9 spread - 10 drops (9 ea AF3T-2) (1 ea AF222-2-2) (10 ea DCV-1240) (10 ea LDL-09)	
E - Two each 5 spread - 6 drops (10 ea AF3T-2) (2 ea AF222-2-2) (12 ea DCV-1240) (12 ea LDL-09)	
J - 19 spread - 20 drops (19 ea AF3T-2) (1 ea AF222-2-2) (20 ea DCV-1240) (20 ea LDL-09)	
N - 4 spread - 10 drops w/ Cross (4 ea AF4C-2) (1 ea AF3T-2) (5 ea LDL-09)	
P - Two each 2 spread - 3 drops (4 ea AF3T-2) (2 ea AF222-2-2) (6 ea DCV-1240) (6 ea LDL-09)	
R - no spread - 2 drops w/ Tee (1 ea AF3T-2) (2 ea DCV-1240) (2 ea LDL-09)	
S - Two each 3 spread - 4 drops (6 ea AF3T-2) (2 ea AF222-2-2) (8 ea DCV-1240) (8 ea LDL-09)	
T - Two each 4 spread - 5 drops (8 ea AF3T-2) (2 ea AF222-2-2) (10 ea DCV-1240) (10 ea LDL-09)	

----- # of Spread and Drops WITH Swivel Tee Option	
A - 1 spread - 2 drops (1 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (2 ea LDL-09)	
B - 2 spread - 3 drops (2 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (3 ea LDL-09)	
C - 3 spread - 4 drops (3 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (4 ea LDL-09)	
D - 4 spread - 5 drops (4 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (5 ea LDL-09)	
F - 5 spread - 6 drops (5 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (6 ea LDL-09)	
G - 6 spread - 7 drops (6 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (7 ea LDL-09)	
H - 7 spread - 8 drops (7 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (8 ea LDL-09)	
J - 8 spread - 9 drops (8 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (9 ea LDL-09)	
K - 9 spread - 10 drops (9 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (10 ea LDL-09)	
L - Two each 5 spread - 6 drops (10 ea AF3SDCVS-2-1240-2) (2 ea AF222-2-2) (2 ea DCV-1240) (12 ea LDL-09)	
M - 19 spread - 20 drops (19 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (20 ea LDL-09)	
Q - 11 spread - 12 drops (11 ea AF3SDCVS-2-1240-2) (1 ea AF222-2-2) (1 ea DCV-1240) (12 ea LDL-09)	
U - Two each no spread - 2 drops (2 ea AF222-2-2) (2 ea DCV-1240) (2 ea LDL-09)	
V - Two each 1 spread - 2 drops (2 ea AF3T-2) (2 ea AF222-2-2) (4 ea DCV-1240) (4 ea LDL-09)	

----- Leader Supply Hose Assembly Length	
04 - 4 foot long Hose (HAG3-123S-48)	
06 - 6 foot long Hose (HAG3-123S-72)	
07 - 7 foot long Hose (HAG3-123S-84)	
1A - Two each 10 foot long Hose (HAG3-123S-120)	
10 - 10 foot long Hose (HAG3-123S-120)	
12 - 12 foot long Hose (HAG3-123S-144)	
20 - 20 foot long Hose (HAG3-123S-240)	
2A - Two each 20 foot long Hose (HAG3-123S-240)	
2B - Two each 26.5 foot long Hose (HAG3-123S-318)	
2C - Two each 16 foot long Hose (HAG3-123S-192)	
30 - 30 foot long Hose (HAG3-123S-360)	
32 - 32 foot long Hose (HAG3-123S-384)	
40 - 40 foot long Hose (HAG3-123S-480)	
44 - 44 foot long Hose (HAG3-123S-528)	
50 - 50 foot long Hose (HAG3-12-3S-600)	
60 - 60 foot long Hose (HAG3-12-3S-720)	
6A - 60 foot long Hose (HAG3-12O1-720)	
----- Quantity & Flowmeter Part Number	
000 - No Flowmeters	
1E7 - One each F5E-270P7 (w/ power take off)	
2E7 - Two each F5E-270P7 (w/ power take off)	
3E7 - Three each F5E-270P7 (w/ power take off)	
LF1 - Twelve each F50-370F1	
5H1 - Five each F50-370H1	
8H1 - Eight each F50-370H1	
KH1 - Ten each F50-370H1	
TH1 - Twenty each F50-370H1	
5J1 - Five each F50-370J1	
8J1 - Eight each F50-370J1	
5M5 - Five each F50-370M5	
8M5 - Eight each F50-370M5	
JM5 - Ten each F50-370M5	
KM5 - Ten each F50A-370AM5	
2P7 - Two each F50-370P7	
3P7 - Three each F50-370P7	
4P7 - Four each F50-370P7	
5P7 - Five each F50-370P7	
6P7 - Six each F50-370P7	
7P7 - Seven each F50-370P7	
8P7 - Eight each F50-370P7	
FP7 - Six each F506-3706P7	
JP7 - Ten each F50-370P7	
LP7 - Twelve each F50-370P7	
MP7 - Eight each F50-370M5 & Three each F5E-370P7 (w/ power take off)	
RP7 - Two each F50-370P7 & One each F5E-370P7 (w/ power take off)	
VP1 - Twelve each F70-370P1	

----- Bag or Case	
0 - No Mass Casualty Bag or Case	
1 - BML750, Short w/ Std Depth (10" L x 5.5" W x 9" H, 495 cu in)	a
2 - BML755, Short w/ Deep Depth (11" L x 10.5" W x 9.5" H, 1097 cu in)	b
5 - BML760, Long w/ Deep Depth (23.5" L x 10" W x 9.5" H, 2233 cu in)	c
A - CPC-100G, Case Green 13" L x 9.2" W x 6" H, 718 cu in	a
B - CPC-300G, Green 17" L x 11.7" W x 6.2" H, 1233 cu in	b
C - CPC-400G, Green 18" L x 13" W x 6.7" H, 1568 cu in	
D - CPC-450G, Green 18" L x 13" W x 8.4" H, 1966 cu in	
E - CPC-500G, Wheeled Green 20.5" L x 11.5" W x 7.2" H, 1697 cu in	
F - CPC-600G, Green 20" L x 14" W x 7.7" H, 2156 cu in	c
G - CPC-700G, Green 22" L x 17" W x 8" H, 2992 cu in	
H - CPC-750G, Wheeled Green 22" L x 17" W x 12.7" H, 4750 cu in	
J - CPC-950G, Wheeled Green 29" L x 18" W x 10.5" H, 5481 cu in	
----- Regulator or Pressure Reducer	
0 - No Regulator	
1 - RR530-600	
2 - DR5303-6003	
7 - RR510-600 (2 each on Tee (CGA-540U-3121))	
8 - RR833-600	
A - RR510A-600A	
G - DR5103-6003 (2 each on Tee (CGA-540U-3121))	
L - RR833-600 w/ RTA-870	

----- PRODUCT GROUP:
MCA - Mass Casualty Assembly