



How to Order Mass Casualty Assembly

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.

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

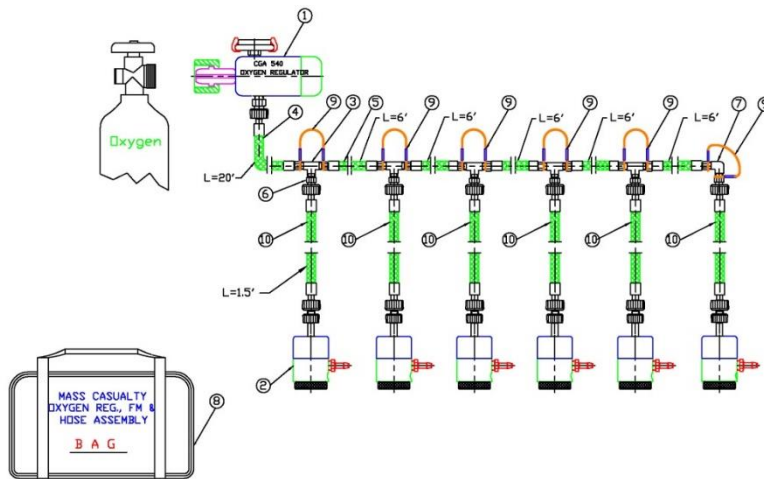
Next select the flowmeter interval spread length.

- C** 48" Overall Interval Length

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

- C** 36" 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-226P7-205CC**



- Drop Length
- Spread Length
 - 0 - none
 - 1 - 120" OAL (HAG3-1212-120)
 - 2 - 144" OAL (HAG3-1212-144)
 - 3 - 288" OAL (HAG3-1212-288)
 - 4 - 192" OAL (HAG3-1212-192)
 - 5 - 32" OAL (HAG3-1212-32)
 - 8 - 96" OAL (HAG3-1212-96)
 - A - 24" OAL (HAG3-1212-24)
 - B - 18" OAL (HAG3-1212-18)
 - C - 48" OAL (HAG3-1212-48)
 - D - 52" OAL (HAG3-1212-52)
 - E - 6" OAL (HAG3-1212-6)
 - S - 58" OAL (HAG3-1212-58)
 - 0 - no drop DCV only
 - A - 18" w/ DCV outlet (HAG3-3S8S-18)
 - B - 80" & 136" w/ DCV outlet (HAG3-3S8S-80 & HAG3-3S8S-136)
 - C - 36" w/ DCV outlet (HAG3-3S8S-36)
 - G - 60" w/ DCV outlet (HAG3-3S8S-60)
 - H - 6" w/ DCV outlet (HAG3-3S8S-6)
 - V - no drop Female Ohio Quick Disconnect only (QDO2-12)
 - T - 59" & 118" & 59" OAL (HAG3-1212-59 & HAG3-12-12-118 & HAG3-12-12-59)
 - U - 60" OAL (HAG3-1212-60)
 - W - 78" & 234" (HAG3-1212-78 & HAG3-12-12-234)
 - X - 72" OAL (HAG3-1212-72)
 - 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
- 000 - No Flowmeters
 - 1E7 - One each F5E-250P7 (w/ power take off on Street Tee)
 - 1K7 - One each F5K-250P7 (w/ power take off on Cap)
 - 2E7 - Two each F5E-BN0P7 (w/ power take off on Street Tee)
 - 2K7 - Two each F5K-BN0P7 (w/ power take off on Cap)
 - 2P7 - Two each F50-370P7
 - 3E7 - Three each F5E-270P7 (w/ power take off on Street Tee)
 - 3P7 - Three each F50-370P7
 - 4P7 - Four each F50-370P7
 - 5H1 - Five each F50-370H1
 - 5J1 - Five each F50-370J1
 - 5M5 - Five each F50-370M5
 - 5P7 - Five each F50-370P7
 - 6E7 - Six each F5E-BN0P7 (w/ power take off on Street Tee)
 - 6K7 - Six each F5K-BN0P7 (w/ power take off on Cap)
 - 6P7 - Six each F50-370P7
 - 7P7 - Seven each F50-370P7
 - 8E7 - Eight each F5E-270P7 (w/ power take off on Street Tee)
 - 8H1 - Eight each F50-370H1
 - 8J1 - Eight each F50-370J1
 - 8K7 - Eight each F5K-270P7 (w/ power take off on Cap)
 - 8M5 - Eight each F50-370M5
 - 8P7 - Eight each F50-370P7
 - FP7 - Six each F506-3706P7
 - JM5 - Ten each F50-370M5
 - JP7 - Ten each F50-370P7
 - 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)
 - KH1 - Ten each F50-370H1
 - KM5 - Ten each F50A-370AM5
 - LF1 - Twelve each F50-370F1
 - 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)
 - TH1 - Twenty each F50-370H1
 - 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)
 - 2 - BML755, Short w/ Deep Depth (11" L x 10.5" W x 9.5" H, 1097 cu in)
 - 5 - BML760, Long w/ Deep Depth (23.5" L x 10" W x 9.5" H, 2233 cu in)
 - A - CPC-100G, Case Green 13" L x 9.2" W x 6" H, 718 cu in
 - B - CPC-300G, Green 17" L x 11.7" W x 6.2" H, 1233 cu in
 - 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
 - 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
 - U - DRU303-6003 (BS341 # 3)