



# Single Stage Vacuum Cartridges

## Non-clogging Replacement Cartridges



Bimba's NEW C-MSR Series Single Stage Threaded Cartridges with silencer provides a low cost cartridge option with a non-clogging single stage alternative compared to multi-stage vacuum pumps. This series eliminates the need for filters or cleaning of the cartridge.

Easily convert an existing system to this non-clogging single stage solution or even switch between this single stage and our multi-stage venturi based on the changing needs within the application.

### Features & Benefits

- » Extreme flexibility with a wide range of performance levels to tune the vacuum pump to any application
- » Lightweight constructions allows for easy integration
- » Non-clogging, dirt-resistant design
- » Reduces maintenance downtime by eliminating the need to clean multi-stage cartridges and vacuum filters
- » Fit Bimba's bodies as well as competitor models
- » Thread design allows for easy integration into custom packages

### Applications

- » Pick & Place operations
- » Packaging
- » Vessel Evacuation
- » Material Handling
- » Automated Assembly
- » Carton Erecting
- » Vacuum Clamping
- » Testing/Sampling
- » Robotics/End-of-Arm Tooling

# Ordering Information

## CM60M1-M07-MSR-60

| Size |               | Performance (Max. Flow, Max. Vacuum) Stages |                        | Mating Body |             | Supply Pressure |        |
|------|---------------|---|------------------------|-------------|-------------|-----------------|--------|
| C    | Min, Mid, Max | M60M1                                       | 0.5 SCFM, 20 "Hg (Min) | M07         | MSV07 (Min) | Blank           | 80 PSI |
|      |               | M60H1                                       | 0.5 SCFM, 28 "Hg (Min) | M14         | MSV14 (Mid) | 60              | 60 PSI |
|      |               | 060M1                                       | 0.5 SCFM, 20 "Hg (Mid) | M25         | MSV25 (Max) |                 |        |
|      |               | 060H1                                       | 0.5 SCFM, 28 "Hg (Mid) |             |             |                 |        |
|      |               | 090L1                                       | 1.3 SCFM, 10 "Hg (Mid) |             |             |                 |        |
|      |               | 090M1                                       | 1.4 SCFM 20 "Hg (Mid)  |             |             |                 |        |
|      |               | 090H1                                       | 1.2 SCFM 28 "Hg (Mid)  |             |             |                 |        |
|      |               | 100L1                                       | 2.1 SCFM, 10 "Hg (Mid) |             |             |                 |        |
|      |               | 100M1                                       | 2.1 SCFM, 20 "Hg (Mid) |             |             |                 |        |
|      |               | 100H1                                       | 2.0 SCFM, 28 "Hg (Mid) |             |             |                 |        |
|      |               | 100L1                                       | 3.5 SCFM, 10 "Hg (Mid) |             |             |                 |        |
|      |               | 150M1                                       | 3.5 SCFM, 20 "Hg (Mid) |             |             |                 |        |
|      |               | 150H1                                       | 3.2 SCFM, 28 "Hg (Mid) |             |             |                 |        |
|      |               | 200L1                                       | 6.0 SCFM, 10 "Hg (Max) |             |             |                 |        |
|      |               | 200M1                                       | 6.0 SCFM, 20 "Hg (Max) |             |             |                 |        |
|      |               | 200H1                                       | 5.4 SCFM, 28 "Hg (Max) |             |             |                 |        |
|      |               | 250L1                                       | 9.5 SCFM, 10 "Hg (Max) |             |             |                 |        |
|      |               | 250M1                                       | 9.5 SCFM, 20 "Hg (Max) |             |             |                 |        |
|      |               | 250H1                                       | 9.0 SCFM, 28 "Hg (Max) |             |             |                 |        |
|      |               | 300L1                                       | 20 SCFM, 10 "Hg (Max)  |             |             |                 |        |
|      |               | 300M1                                       | 20 SCFM, 20 "Hg (Max)  |             |             |                 |        |
|      |               | 300H1                                       | 20 SCFM, 28 "Hg (Max)  |             |             |                 |        |
|      |               | 350L1                                       | 28 SCFM, 10 "Hg (Max)  |             |             |                 |        |
|      |               | 350M1                                       | 28 SCFM, 10 "Hg (Max)  |             |             |                 |        |
|      |               | 350H1                                       | 28 SCFM, 10 "Hg (Max)  |             |             |                 |        |

\*Add "I-" to the front of the part number for Metric. Part numbers listed above are in Imperial

