

Design Release

Date: August 25, 2014

Reference: Design Improvement

Product Line: Retrofit Cap

In response to evolving market demands requiring refrigeration and air conditioning components become more seamlessly integrated into new space saving equipment designs while improving overall performance and functionality, Mueller Refrigeration has enhanced the design of their CYCLEMASTER® Ball Valve Retrofit to meet these industry challenges.

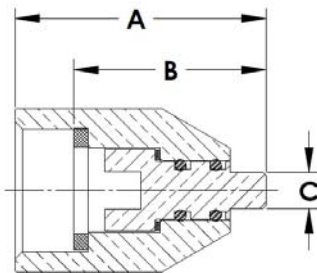
Implementation of Mueller Refrigeration’s enhanced CYCLEMASTER® Ball Valve series began in 2011. Using the same computer-aided engineering and design modeling and analysis software, Mueller will extend the optimized design features into the Retrofit Cap product line.

As we approach the end of 2014, Mueller Refrigeration will begin the process of implementation. There will not be a transition of part numbers. Affected part numbers are listed below for reference:

| PARTNO | DESCRIPTION |
|---------|-----------------------------|
| A 18351 | 11/16 Retrofit Cap Assembly |
| A 18352 | 13/16 Retrofit Cap Assembly |
| A 18353 | 1 Retrofit Cap Assembly |
| A 18354 | 1 1/2 Retrofit Cap Assembly |
| A 18355 | 1 3/4 Retrofit Cap Assembly |

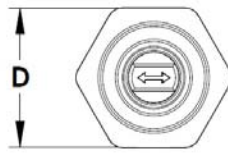
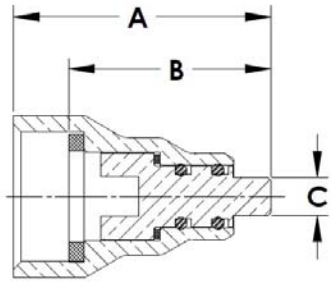
General dimensional information can be found below.

Previous Design



| | A | B | C | D |
|---------|------|------|------|------|
| A 18351 | 1.31 | 1.02 | 0.16 | 0.88 |
| A 18352 | 1.54 | 1.18 | 0.22 | 1.00 |
| A 18353 | 1.95 | 1.59 | 0.31 | 1.13 |
| A 18354 | 2.57 | 1.97 | 0.38 | 1.63 |
| A 18355 | 2.66 | 2.10 | 0.38 | 1.88 |

Redesigned



| | A | B | C | D |
|----------------|----------|----------|----------|----------|
| A 18351 | 1.33 | 1.04 | 0.16 | 0.81 |
| A 18352 | 1.50 | 1.18 | 0.22 | 0.94 |
| A 18353 | 1.92 | 1.59 | 0.31 | 1.13 |
| A 18354 | 2.57 | 1.97 | 0.38 | 1.63 |
| A 18355 | 2.66 | 2.10 | 0.38 | 1.88 |

For specific application questions or assistance with product selections, please contact your local Mueller Refrigeration sales representative or authorized distributor.