



## Design Release

Date: April 15, 2020

Reference: Design Improvement

Product Line: Ball Valves, Transcritical CO<sub>2</sub>, 140 Bar

In an effort to supply customers with the most meaningful and practical refrigeration and air conditioning component product designs, Mueller Refrigeration has enhanced the design of their CYCLEMASTER® Transcritical CO<sub>2</sub> 140 Bar Ball Valves.

Mueller will introduce a line of Transcritical CO<sub>2</sub> 140 Bar Ball valves with access ports.

The product line offering will change from ODE (straight tube) connections to ODS (cupped tube) connections and will result in minor overall lay-in-length revisions. There will be a transition of part numbers, noted in the chart below.

Size	CURRENT DESIGN			NEW DESIGN		
	ODS	ODE	Overall Length	ODS	ODS with access	Overall Length
1/4	A 17859XHP	N/A	5.50	AP17859XHP	A 18937XHP	5.00
3/8	A 17860XHP	N/A	5.50	AP17860XHP	A 18938XHP	5.20
1/2	A 17861XHP	N/A	6.35	AP17861XHP	A 18939XHP	5.47
5/8	A 17862XHP	AF17862XHP	6.35	AP17862XHP	A 18940XHP	5.83
3/4	A 17863XHP	N/A	7.45	A 17863XHP	AC17863XHP	5.83
7/8	A 17864XHP	AF17864XHP	7.45	A 17864XHP	AC17864XHP	7.27
1 1/8	A 17865XHP	AF17865XHP	8.41	A 17865XHP	AC17865XHP	7.27
1 3/8	A 17866XHP	AF17866XHP	10.00	A 17866XHP	AC17866XHP	8.06
1 5/8	A 17867XHP	AF17867XHP	11.00	A 17867XHP	AC17867XHP	9.46
2 1/8	A 17868XHP	AF17868XHP	12.00	A 17868XHP	AC17868XHP	10.84

CYCLEMASTER® Transcritical CO<sub>2</sub> Ball Valves are UL/cUL Listed, conform to the Pressure Equipment Directive 2014/68/EU, and have been extensively tested and rated for use with CO<sub>2</sub> refrigerant and CO<sub>2</sub> compatible oils.

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