



Engineering Change Notification

Date: October 14, 2025

Reference: Subcritical CO2 Ball Valve Replacement

Product Line: CYCLEMASTER® Subcritical Ball Valves

Mueller Refrigeration is announcing an immediate change to CYCLEMASTER® Subcritical CO2 Ball Valves.

- ¼" through 7/8" connection sizes will be replaced Transcritical 90 bar valves with access port
- 1 1/8" connection size will be replaced Transcritical 140 bar valves with access port

Please use the following chart for replacement part numbers:

Subcritical Part Number*	Connection Size	Transcritical 90 bar**	Transcritical 140 bar**
AP17859HP	1/4	A 18937MHP	AQ17859XHP
AP17860HP	3/8	A 18938MHP	AQ17860XHP
AP17861HP	1/2	A 18939MHP	AQ17861XHP
AP17862HP	5/8	A 18940MHP	AQ17862XHP
AP17863HP	3/4	AQ17863MHP	AQ17863XHP
AP17864HP	7/8	AQ17864MHP	AQ17864XHP
AP17865HP	1 1/8	Not Available	AQ17865XHP

* Subcritical valves did not include access port

** Replacement valves include access port

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