



CHECK VALVES

# Model CV Check Valve

## APPLICATION:

Series CV, Check Valves are designed to allow flow in one direction and protect against crossflow. The Valves are offered with unions/adapters kits for Sweat, NPTF, PEX A & B, Press and CPVC adapters. The CV features Lead Free construction suitable for water supply pressures up to 400psi (27.6bar) and temperatures up to 180°F (82.2°C).

## FEATURES:

- Available in 1/2" - 2" with Sweat, NPTF, PEX-A, PEX-B, Press and CPVC Adapter Kits
- Lead Free\* Construction
- EPDM Gaskets
- Engineered Thermoplastic
- Stainless Steel Springs
- Cracking Pressure <0.5 PSI
- High Flow Rates
- Optional Strainer Available



CV-2AAF Shown



## SPECIFICATIONS:

- \*\*Pressure Rating ..... 125 PSI (862 kPa)
- \*\*Temperature Rating ..... 180°F (82.2°C)

## FLOW COEFFICIENT Cv:

- 1/2" ..... 5.9
- 3/4" ..... 6.1
- 1" ..... 9.8
- 1-1/4" ..... 21.0
- 1-1/2" ..... 25.3
- 2" ..... 45.1

\* The wetted surface of these valves contacted by consumable water contains less than 0.25% of lead by weight in conformance with national lead-free law.

\*\* Temperature and Pressure may be limited to the pipe being used.

MGI ConTrols® assumes no responsibility for use of void or superseded data. MGI ConTrols®, Lake Bluff, IL, a member of Morris Group International®. Please visit [www.mgicontrols.com](http://www.mgicontrols.com) for most current specifications.

### Certifications and Compliances:

NSF/ANSI - 372



MGI ConTrols®  
42 Sherwood Terrace, Suite #5  
Lake Bluff, IL 60044  
Phone: (847) 604-4773

[www.mgicontrols.com](http://www.mgicontrols.com)

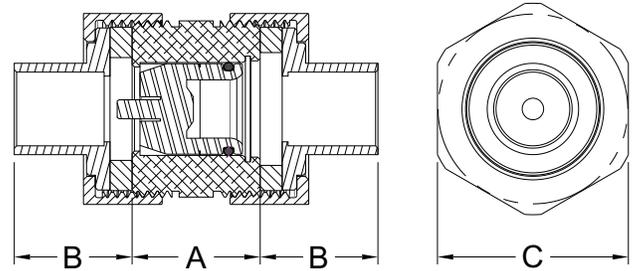
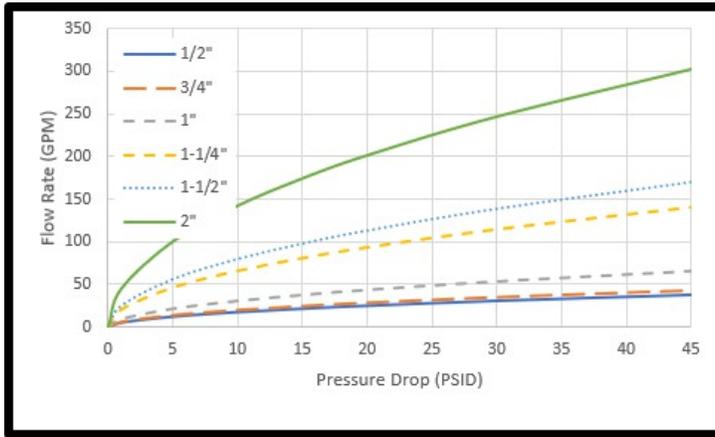
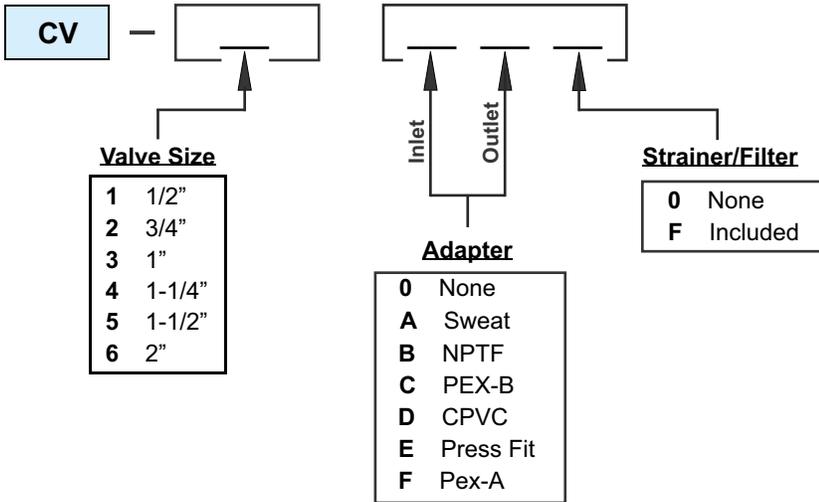
Submittal # **CV**  
Revised: 08/20/2024

Page 1 of 2

**CHECK VALVE ORDER CUSTOMIZATION:**



CHECK VALVES



**CV-1AA0 Shown**

DIMENSION															
VALVE SIZE	ADAPTER	A		B		C		VALVE SIZE	ADAPTER	A		B		C	
1/2"	Sweat	1-1/8"	29mm	1"	25mm	1-5/8"	41mm	1-1/4"	Sweat	1-7/8"	48mm	1-1/4"	32mm	2-3/8"	60mm
	NPTF			7/8"	22mm				NPTF			1-1/8"	29mm		
	PEX-B			1"	25mm				PEX-B			1-1/4"	32mm		
	CPVC			7/8"	22mm				CPVC			1-1/4"	32mm		
	Press Fit			1-1/4"	32mm				Press Fit			1-5/8"	41mm		
	PEX-A			1-5/8"	41mm				PEX-A			2-3/8"	60mm		
3/4"	Sweat	1-1/8"	29mm	1"	25mm	1-5/8"	41mm	1-1/2"	Sweat	1-7/8"	48mm	1-1/4"	32mm	2-3/8"	60mm
	NPTF			7/8"	22mm				NPTF			1-1/8"	29mm		
	PEX-B			1"	25mm				PEX-B			1-1/4"	32mm		
	CPVC			1-1/8"	29mm				CPVC			1-1/4"	32mm		
	Press Fit			1-3/8"	35mm				Press Fit			1-5/8"	41mm		
	Pex-A			1-7/8"	48mm				Pex-A			2-3/8"	60mm		
1"	Sweat	1-3/8"	35mm	1-1/8"	29mm	1-7/8"	48mm	2"	Sweat	2-1/2"	64mm	1-1/4"	32mm	3-1/2"	89mm
	NPTF			1"	25mm				NPTF			1-1/8"	29mm		
	PEX-B			1-1/8"	29mm				PEX-B			1-1/4"	32mm		
	CPVC			1-1/8"	29mm				CPVC			1-1/4"	32mm		
	Press Fit			1-3/8"	35mm				Press Fit			1-5/8"	41mm		
	PEX-A			2"	51mm				PEX-A			2-3/8"	60mm		