

E1183 High & Medium Pressure Check Valves



Brass Check Valves

- High Pressure -



For protection against reverse flow. Allows free-flow in one direction. Seat design protects "O" ring seal from contamination or flow damage. Install in any position. Temperature range -20° to +400° F. Opens @ 3 to 5 psi. Viton® seal. Stainless Steel spring. Brass construction.

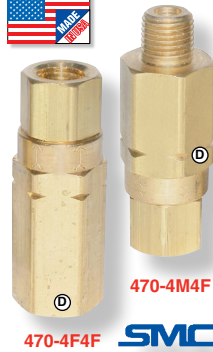
Part No.	Ports	Max. PSI
UP CV3201B1	1/4" FPT	2000
UP CV3301B1	3/8" FPT	2000
UP CV3401B1	1/2" FPT	2000
UP CV3601B1	3/4" FPT	2000
UP 40083	Repair Kit for 1/4" & 3/8" Valves	
UP 40082	Repair Kit for 1/2" Valves.....	
UP 40080	Repair Kit for 3/4" Valves.....	
UP 40081	Repair Kit for 1" Valves.....	

Brass Check Valves

- High Pressure -

All brass body, stainless steel ball, PVC cage and a quad ring seat for a "bubble-tight" seal. Cracking pressure is less than 1 PSI. Maximum operating temperature is 180° F. Standard with Ethylene Propylene seals for added chemical resistance. Maximum operating pressure is 3000 PSI. Available in either 1/4" or 3/8" sizes.

Part No.	INLET	OUTLET
SM 470-4F4F	1/4" FPT	1/4" FPT
SM 470-4M4F	1/4" MPT	1/4" FPT
SM 470-6F6F	3/8" FPT	3/8" FPT
SM 470-6M6F	3/8" MPT	3/8" FPT



Brass Check Valves

- High Pressure -

Inline High Pressure Check Valves. Brass construction with Viton® o-ring seal. An ideal choice for protection of back flow on high pressure supply lines. Rated to 3000 PSI. Temperature range to +350° F. Cracking pressure is 7-9 PSI. Available with female x female or female x male NPT threads as shown.



Part No.	Body	Inlet	Outlet	Max. PSI
MA ICB31M1F	Brass	1/8" FPT	1/8" MPT	3,000
MA ICB32M2F	Brass	1/4" FPT	1/4" MPT	3,000
MA ICB32F2F	Brass	1/4" FPT	1/4" FPT	3,000
MA ICB33F3F	Brass	3/8" FPT	3/8" FPT	3,000
MA ICB33M3F	Brass	3/8" FPT	3/8" MPT	3,000
MA ICB34F4F	Brass	1/2" FPT	1/2" FPT	3,000

Stainless Check Valves

- High Pressure -

Inline High Pressure Check Valves. 316SS body and 304SS internals with Viton® o-ring seal. An ideal choice for protection of back flow on high pressure supply lines. Rated to 6000 PSI. Temperature rating to +350° F. Cracking pressure is 7-9 PSI. Available with female x female or female x male NPT threads as shown.



Part No.	Body	Inlet	Outlet	Max. PSI
MA ICS61M1F	316SS	1/8" FPT	1/8" MPT	6,000
MA ICS62M2F	316SS	1/4" FPT	1/4" MPT	6,000
MA ICS62F2F	316SS	1/4" FPT	1/4" FPT	6,000
MA ICS63F3F	316SS	3/8" FPT	3/8" FPT	6,000
MA ICS64F4F	316SS	1/2" FPT	1/2" FPT	6,000



Stainless Check Valves

- High Pressure • High Temperature -



316 Stainless Steel Check Valves prevent backflow, keeping water pressure flowing in one direction. Rated up to a maximum temperature of 195° F. Solid body construction with Viton® O-rings on poppet for leak proof seal.

Part No.	FPT	GPM	Max. PSI	Cracking Pressure
IP YCV14FSS	1/4"	6.5	6,500	5.8 PSI
IP YCV38FSS	3/8"	10.5	6,500	5.8 PSI
IP YCV12FSS	1/2"	21	6,500	4.4 PSI
IP YCV34FSS	3/4"	48	6,500	30 PSI

Stainless/303SS Check Valves

- High Pressure -



"Maxi-Flow" Check Valves. Stainless steel construction. Positive check, no leaks. Cracking pressure is less than 1 PSI. Maximum flow rate is 4 GPM. Maximum working pressure is 5,000 PSI. Standard with Viton® seal for added chemical resistance. Maximum temperature is 300° F. Overall length is 2.33".



Part No.	Inlet	Outlet	Max. PSI
AA 7375	1/4" FPT	1/4" FPT	5,000
AA 7450	1/4" MPT	1/4" MPT	5,000
AA 7462	1/4" MPT	1/4" FPT	5,000
AA 7463	1/4" FPT	1/4" MPT	5,000

Stainless Check Valves

- High Pressure -



Constructed of 303 stainless steel. A viton o-ring provides absolute leak-proof operation. Valves are completely rebuildable. Maximum of 3500 PSI. Cracking pressure is approximately 5 PSI. Rated to 200° F.

* **T Series** Check Valves have the same features as the **SP Series**, but feature Teflon O-rings and is rated to 200° F.



Part No.	Ports	GPM
FL CV100SP	1/4" FPT	3
FL CV600SP	3/8" FPT	6
FL CV700	1/2" FPT	12
FL CV800SP-1	3/4" FPT	20
FL CV100T	*1/4" FPT	3
FL CV600T	*3/8" FPT	6
FL CV700T	*1/2" FPT	12
FL CV800SP-1T	*3/4" FPT	20

REPAIR KITS

FL CV100-RK
FL CV600-RK
FL CV700K
FL CV800-RK
FL CV100T-RK
FL CV600T-RK
FL CV700T-RK
FL CV800T-RK

Brass Check Valves - Medium Pressure

These bubble-tite in-line check valves feature minimum cracking pressure (0-1 psi) and positive check. Virtually "problem proof", these valves install easily in any application. Body, poppet and retainer plug are Brass with a Stainless spring and Viton® O-ring.

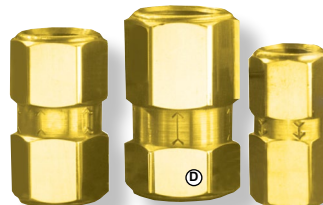
Part No.	Ports	Max. PSI
GE 1CV-125	1/8" MPT x 1/8" MPT	500
GE 1CV-250	* 1/4" MPT x 1/4" MPT	800
GE 1CV-375	3/8" MPT x 3/8" MPT	500
SM 410-4MBB	1/4" MPT x 1/4" MPT	500

* Generant Brand.



Brass Check Valves

- Medium Pressure -



Brass Check Valves rated to 1200 PSI feature Buna o-ring poppet seal for "bubble-tight" operation. Cracking pressure is 3 PSI. Rated to temperatures of 180° F. **Not rated for steam.**

Part No.	Size	Max. PSI
SM 450-4F4FB	1/4" FPT	1200
SM 650-6F6FB	3/8" FPT	1200
SM 850-8F8FB	1/2" FPT	1200



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