

CHECK VALVES

DESCRIPTION

Check Valves are used to prevent agent loss from the open end of a manifold and/or piping system in the event that one or more containers are removed for servicing / maintenance.

Check Valves are required for multiple containers connected in a manifold arrangement and for containers used in a main / reserve system, without the need for redundant piping systems, to prevent agent loss and to ensure personnel safety if the system is operated when any containers are removed for maintenance. All containers must be the same size & same weight.



APPROVALS:

- FM
- UL
- ULC



DATA SHEET

Form No.03-04 | Issue No.21.0

SPECIFICATIONS

CHECK VALVE DATA		DIMENSIONS		APPROXIMATE WEIGHT	EQUIVALENT LENGTH
PART NO.	DESCRIPTION	HEIGHT	LENGTH		
02-2980	1" (25 mm) Check Valve, FNPT End Connections	3.75" (95 mm) max	4.25" (108 mm)	9 lbs. (4.1 kg)	2.0' (0.61 m)
02-4158	2" (50 mm) Check Valve, FNPT End Connections	4.5" (144 mm) max	6" (152 mm)	12 lbs. (5.4 kg)	4.0' (1.22 m)
70-317	3" (80 mm) Swing Check Valve, FNPT End Connections	6" (152 mm)	8" (203 mm)	31 lbs. (14.1 kg)	4.0' (1.22 m)
70-356	3" (80mm) Ball Check Valve, Grooved End Connections	6.5" (165 mm)	11" (281 mm)	37 lbs. (16.8 kg)	14.0' (1.22 m)
Material		Carbon Steel (1" and 2"), Ductile Iron (3")			
Working Pressure		750 psi (50 bar)			
Mounting Orientation		Horizontal or Vertical (with flow up)			



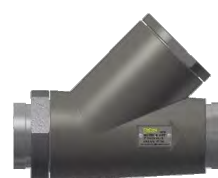
1" Check Valve



2" Check Valve



3" Check Valve



3" Ball Check Valve

Notes:

- Check Valves with swing gates have threaded female connections on both ends; therefore piping leading into and exiting from must be threaded. (3" ball check valve has 3" grooved connections on both ends)
 - The Check Valves must be installed with the flow arrow pointing in the direction of discharge. If reversed, the system will not discharge.
- Images are for reference only. Actual product may vary.