

THE DCV SERIES

DOUBLE CHECK VALVES



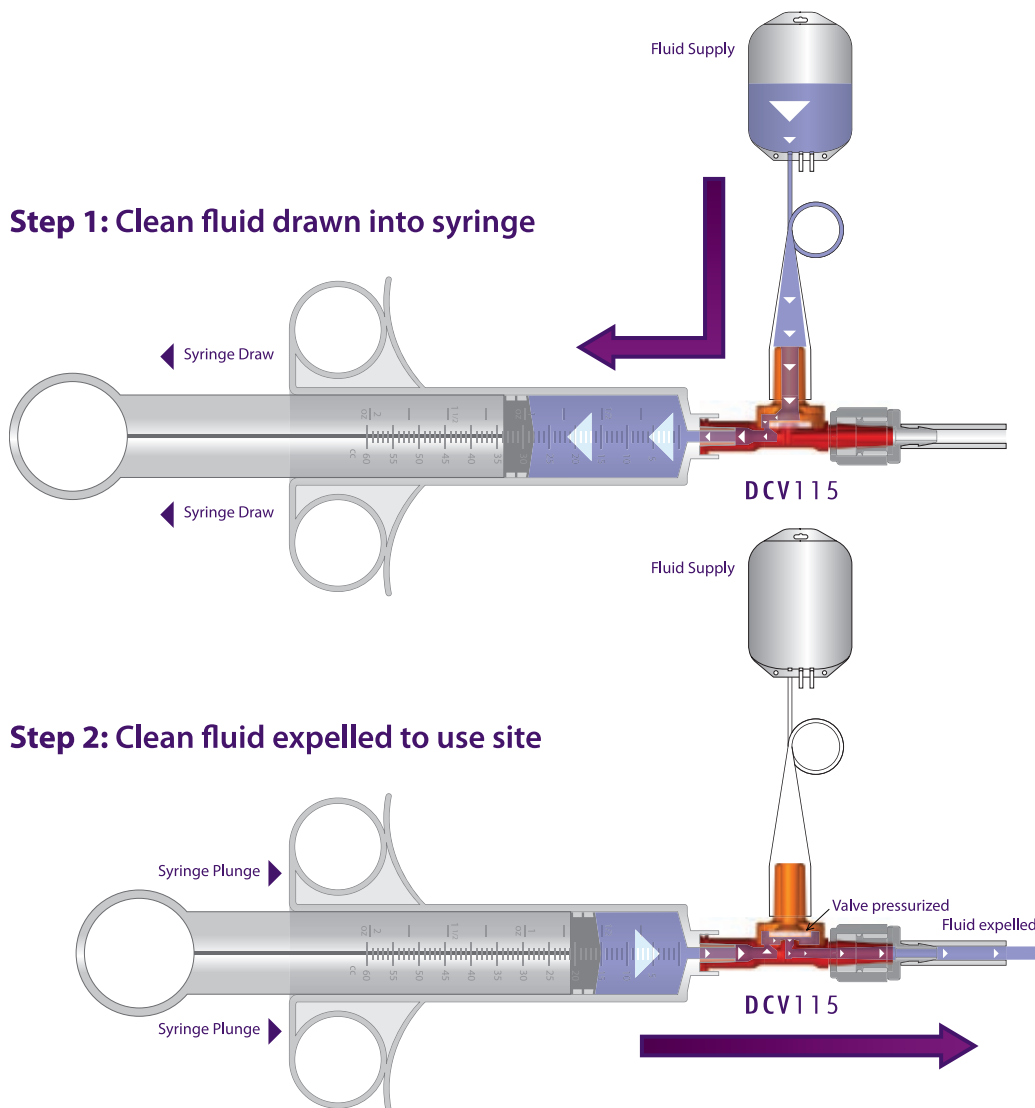
VALUE PLASTICS, INC.

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Value Plastics' unique DCV Series bi-directional double check valve is designed to transfer clean fluid from a supply vessel to a use site.

The fluid supply vessel is connected to the valve supply port (chimney) using a luer connection or tubing. The fluid is withdrawn from the supply vessel by a syringe or other device connected to the aspiration port. When the syringe is compressed the fluid is then transferred, through the exit port, to the use site without adulterating the fluid.

The system provides high flow. Two inlet cracking pressure ranges, two supply port options and two exit port options are available. All luer tapers comply with the requirements of ISO Standard 594-1. DCV Series double check valves are manufactured entirely from materials that are compatible with ethylene oxide, gamma and e-beam sterilization procedures.



Material Suffix Key

DCV101 (-001)

Double Check Valve, Tubing Pocket Chimney Port

Cracking Pressure: 1-7 psi



DCV118 (-001)

Double Check Valve, Female Luer Chimney Port

Cracking Pressure: 2-5 psi



DCV114 (-001)

Double Check Valve, Tubing Pocket Chimney Port

Cracking Pressure: 2-5 psi



DCV119 (-001)

Double Check Valve, Female Luer Chimney Port

Cracking Pressure: 1-7 psi



DCV115 (-001)

Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi



DCV125 (-001)

Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi



DCV116 (-001)

Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 1-7 psi



The data presented here is for reference only. It was compiled primarily from the resin manufacturers' data to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or expressed warranty or guarantee by Value Plastics® or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Value Plastics®.

DCV Series Specifications

	DCV101-001	DCV114-001	DCV115-001	DCV116-001	DCV118-001	DCV119-001	DCV125-001
Chimney Port (Fluid Supply)	Tubing Pocket	Tubing Pocket	Tubing Pocket	Tubing Pocket	Female Slip Luer	Female Slip Luer	Female Slip Luer
Aspiration Port (Syringe)	Threaded Female Luer	Threaded Female Luer	Threaded Female Luer	Threaded Female Luer	Threaded Female Luer	Threaded Female Luer	Threaded Female Luer
Fluid Exit Port	Male Luer Taper	Male Luer Taper	Male Luer with Rotating Lock Nut	Male Luer with Rotating Lock Nut	Male Luer Taper	Male Luer Taper	Male Luer with Rotating Lock Nut
Inlet Cracking Pressure	1-7 PSIG Water	2-5 PSIG Water	2-5 PSIG Water	1-7 PSIG Water	2-5 PSIG Water	1-7 PSIG Water	2-5 PSIG Water
Aspiration Port to Exit Port Cracking Pressure	<10 PSIG Water	<10 PSIG Water	<10 PSIG Water	<10 PSIG Water	<10 PSIG Water	<10 PSIG Water	<10 PSIG Water
Resin	Rad. Stable Polycarb.	Rad. Stable Polycarb.	Rad. Stable Polycarb.	Rad. Stable Polycarb.	Rad. Stable Polycarb.	Rad. Stable Polycarb.	Rad. Stable Polycarb.
Rotating Lock Nut			Polycarbonate	Polycarbonate			Polycarbonate
Diaphragm	Biomed. Grade Silicone	Biomed. Grade Silicone	Biomed. Grade Silicone	Biomed. Grade Silicone	Biomed. Grade Silicone	Biomed. Grade Silicone	Biomed. Grade Silicone