Double Check Vapor Equalizing Valves for ASME and DOT Containers

Application

Designed to facilitate loading operations by providing equalization of pressures in the supply and storage containers. The supplementary excess flow valve closes when the flow from the container being filled exceeds a predetermined rate.

The 7573 Series is designed for use in bulk delivery systems and motor fuel containers. The 3183AC is designed for use in delivery trucks and other large containers.

7573 Series

Ordering Information

Item Number		ACME Hose Connection	Tank Connection M. NPT	Approximate Closing Flow at 100 PSIG Inlet Pressure (SCFH/Propane Vapor
Basic	With Cap & Chain			
7573D	7573DC	1-1/4"	3/4"	4,100
—	3183AC	1-3/4"	1-1/4"	10,000

Spare Gasket Information

ACME	Item Number
1-1/4"	A2797-20R
1-3/4"	A2697-20R

Back Pressure Check Valves for Container or Line Applications

Application

Designed to provide protection of a container opening when desired flow is always into the vessel. May be used in line applications where flow must be limited to one direction.

When used with the appropriate single check filler valve, the combination forms a double check filler valve suitable for use in filling of bulk storage tanks.

A3176

Ordering Information

Item Number		Inlet Connection F. NPT	Outlet Connection M. NPT	Propane Liquid Capacity at Various Differential Pressures (GPM)			
Brass	Steel			5 PSIG	10 PSIG	25 PSIG	50 PSIG
3146	A3146	3/4"	3/4"	11	16	25	36
3146S*	—	3/4"	3/4"	11	16	25	36
3176	A3176	1-1/4"	1-1/4"	28	40	63	89
—	A3276BC*	1-1/4"	1-1/4"	32	45	73	103
—	A3186	2"	2"	124	175	276	391
—	A3196	3"	3"	297	420	664	939

* Soft Seat

NOTE: Multiply flow rate by .94 to determine liquid butane capacity and by .90 to determine liquid anhydrous ammonia capacity.

Back Pressure Check Valves

Swing-Away Back Pressure Check Valves for Container or Line Applications

Application

Designed to provide protection of a container opening when desired flow is always into the vessel. May also be used in the line applications where flow must be limited to one direction.

When used with the appropriate single check filler valve, the combination forms a double check filler valve suitable for use in filling of bulk storage tanks.

6586D and A6586D

Ordering Information

Item Number		Inlet Connection F. NPT	Outlet Connection M. NPT	Propane Liquid Capacity at Various Differential Pressures (GPM)			
Brass	Steel			5 PSIG	10 PSIG	25 PSIG	50 PSIG
6586D	A6586D	2"	2"	190	270	420	600

NOTE: Multiply flow rate by .94 to determine liquid butane capacity.

Back Pressure Check Valves for Flanged Installation

Application

Designed to provide high flow capacity and allow more efficient tank filling than conventional designs. The unobstructed throat area reduces flow turbulence through the valve, thereby reducing pressure drop. Large flow channels and spacious side ports assure ample capacity for the most demanding high capacity filling operations.

The valve is designed for installation in internally threaded flanges in container bottoms.

A3400L4 and A3400L6

Ordering Information

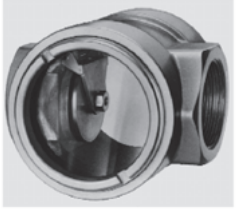
Item Number	M. NPT	Propane Liquid Capacity at Various Differential Pressures (GPM)			
		5 PSIG	10 PSIG	25 PSIG	50 PSIG
A3400L4	2"	223	316	500	707
A3400L6	3"	424	600	949	13542

NOTE: Multiply flow rate by .94 to determine liquid butane capacity and by .90 for liquid anhydrous ammonia capacity.

Sight Flow Indicators for Bulk Plants

Application

Designed to promote maximum pump efficiency, these indicators enable bulk plant operators to visually inspect liquid flow conditions. With glass on both sides of the indicator, flow can be observed from either side, even under some poor light conditions. The integral swing check also serves as a back-check valve to prevent reverse flow and product loss if the hose fails in a loading operation.



A7794 and A7796

Ordering Information

Item Number	Inlet/Outlet Connection
A7794	2" F. NPT
A7796	3" F. NPT