

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)

These devices consist of the reduced-pressure principle type and the double check valve type. These devices have been classified as to friction loss and body strength only. Features for use in potable water systems have not been evaluated. The basic standard used to investigate products in this category is UL312, "Check Valves for Fire Protection Service".

LOOK FOR CLASSIFICATION MARKING ON PRODUCT

The Classification Marking of Underwriters Laboratories Inc. (shown below) on the product is the only method provided by Underwriters Laboratories Inc to identify products produced under its Classification and Follow-Up Service.

Classified By Underwriters Laboratories Inc.
as to Friction Loss and Body Strength Only.

CHARLES M BAILEY CO INC, EMERYVILLE CA 94662 EX2882 (N)

No. 825 FEBCO backflow special check valve, 2-1/2, 3, 4, 6, 8 and 10 in. sizes, reduced pressure type. Loss of head will approximate 6.6 psi for 2-1/2 in. at 225 gpm, 6.7 psi for 3 in. at 350 gpm, 12.0 psi for 4 in. at 500 gpm, 5.0 psi for 6 in. at 1000 gpm, 3.9 psi for 8 in. at 1775 gpm and 6.0 psi for 10 in. at 2300 gpm.

No. 805 FEBCO backflow special check valve, 6, 8 and 10 in. sizes, double check valve type. Loss of head will approximate 5.5 psi for 6 in. at 975 gpm, 3.9 psi for 8 in. at 1775 gpm and 4.0 psi for 10 in. at 2300 gpm.

No. 805Y FEBCO backflow special check valve, 3, 4 in. sizes. Loss of head will approximate 7.8 psi for 3 in. at 360 gpm, 12.2 psi for 4 in. at 580 gpm.

No. 806 FEBCO double detector check valves in 4, 6, 8, 10 in. sizes.

CLAVAL CO, NEWPORT BEACH CA 92663 EX2714 (N)

Models RP, RP-1 backflow special check valve, 2, 2-1/2, 3, 4, 6, 8, 10 in. sizes, reduced pressure type. Loss of head will approximate 7.2 psi for 2 in. at 160 gpm, 6.9 psi for 2-1/2 in. at 225 gpm, 8 in. at 320 gpm, 7.9 psi for 4 in. at 500 gpm, 8.0 psi for 6 in. at 1000 gpm, 6.7 psi for 8 in. at 1800 gpm, and 6.5 psi for 10 in. at 2300 gpm.

Model D backflow special check valve, 2, 2-1/2, 3, 4, 6, 8, 10 in. sizes, double check valve type. Loss of head will approximate 6.5 psi for 2 in. at 140 gpm, 3.3 psi for 2-1/2 in. at 225 gpm, 3.4 psi for 3 in. at 340 gpm, 4.3 psi for 4 in. at 500 gpm, 4.0 psi for 6 in. at 1000 gpm, 3.5 psi for 8 in. at 1600 gpm, and 5.0 psi for 10 in. at 3000 gpm.

FEBCO SALES INC, FRESNO CA 93727 Ex3178 (N)

No. 805 FEBCO backflow special check valve, 3 and 4 in. sizes, double check valve type. Loss of head will approximate 8.5 psi for 3 in. at 345 gpm, 9.4 psi for 4 in. at 600 gpm.

HERSEY PRODUCTS INC, DEDHAM MA 02028 Ex2090 (N)

Backflow special check valve device, reduce pressure type. "BEECO" Model 6 (with or without suffix "U") in 4, 6, 8 and 10 in. sizes; within flow ranges of 100 gpm, head losses will approximate 16 to 18 psi for 4 in., 14 to 16 psi for 6 in., and 12 to 14 psi for 8 and 10 in. sizes. Model 6CM in 2-1/2, 3, 4, 6, 8, 10 in. sizes; loss of head will approximate 12.8 psi for 2-1/2 in. at 225 gpm, 13.4 psi for 3 in. at 320 gpm, 13.3 psi for 4 in. at 500 gpm, 13.2 psi for 6 in. at 1000 gpm, 13.4 psi for 8 in. at 1600 gpm, and 11.40 psi for 10 in. at 2300 gpm. Double check type valve, Model No. 2, in 3, 4, 6, 8, 10 in. sizes; loss of head will approximate 7.8 psi for 3 in. at 320 gpm, 7.1 psi for 4 in. at 500 gpm, and 6.5 psi for 6 in. at 1000 gpm, 6.2 psi for 8 in. at 1600 gpm, 5.5 psi for 10 in. at 2300 gpm.

ITT LAWLER, CHICAGO IL 60618 EX3308 (N)

Models R2-10, -12, -16, -24, -32, -40 reduced pressure type backflow special check valve devices in 2-1/2, 3, 4, 6, 8, 10 in. sizes. Loss of head will approximate 13.9 psi for 2-1/2 in. at 235 gpm, 12.7 psi for 3 in. at 320 gpm, 13.8 psi for 4 in. at 500 gpm, 13.3 psi for 6 in. at 1000 gpm, 13.3 psi for 8 in. at 1600 gpm, and 11.40 psi for 10 in. at 2300 gpm. Models DC-10, -12, -16, -24, -32, -40 double check type backflow special check valve devices in 2-1/2, 3, 4, 6, 8, 10 in. sizes. Loss of head will approximate 6.75 psi for 2-1/2 in. at 235 gpm, 9.4 psi for 3 in. at 320 gpm, 9.3 psi for 4 in. at 500 gpm, 7.9 psi for 6 in. at 1000 gpm, 7.6 psi for 8 in. at 1600 gpm, 7.92 psi for 10 in. at 2300 gpm.

VIKING CORP, HASTINGS MI 49058 EX2903 (N)

Model A-1 backflow special check valve, double check valve type 4, 6, 8 and 10 in. sizes with approximate loss of head of 10.0 psi at 600 gpm, 9.5 psi at 1350 gpm, 5.1 psi at 1600 gpm, and 4.2 psi at 2300 gpm, respectively.

WATTS REGULATOR CO, LAWRENCE MA 01842 Ex3185 (N)

Size (In.)	Rated Working Flow, (GPM)	Approximate Loss of Head, PPI
2 1/2	225	11.6
3	320	13.3
4	500	13.4
6	1000	12.2

Model No. 700, backflow special check valve, double check valve type, 2-1/2, 3, 4 in. sizes

Size (In.)	Rated Working Flow, (GPM)	Approximate Loss of Head, PPI
2 1/2	225	6.7
3	320	8.8
4	500	6.7

Model No. 908 backflow special check valve, reduced pressure type, 2 1/2, 3, 4, 6, 8, 10 in. sizes

Size (In.)	Rated Working Flow, (GPM)	Approximate Loss of Head, PPI
2 1/2	225	15.3
3	320	14.0
4	500	12.8
6	1000	11.9
8	1600	11.9
10	2300	12.8

Model No. 709 backflow special check valve, double check valve type, 2 1/2, 3, 4, 6, 8, 10 in. sizes

Size (In.)	Rated Working Flow, (GPM)	Approximate Loss of Head, PPI
2 1/2	225	8.8
3	320	8.4
4	500	6.7
6	1000	7.0
8	1600	6.3
10	2300	6.8

Model No. 709DDC backflow special check valve, double check valve Type 3, 4, 6, 8, 10 in. sizes

Size (In.)	Rated Working Flow, (GPM)	Approximate Loss of Head, PPI
3	320	10.8
4	500	8.3
6	1000	8.8
8	1600	9.0
10	2300	9.8

All values for a working rated pressure not to exceed 175PSI.