



Vacuum Breaker Threaded In-Line Check Valves

DFT® Vacuum Breakers provide effective protection against collapse of pressure vessels, tanks and rolls. They prevent condensate "back-up" when equipment is shut down or inlet steam is reduced by modulating control valves. In piping systems, DFT® Vacuum Breakers are used to break siphons, prevent pipe collapse during transient pressure drops, and to provide addition of air on the downstream side of check valves to dampen water hammer.

Standard Features:

- 1" to 4" Size (Outside Diameter)
- 450 to 6000



Prod. #	Series	Size	Nominal Size (MNPT) A	Unthreaded Inlet Bore B	Style	Valve Cracking Pressure	Cold Working Pressure	Seat	ENDS
<u>8094</u>	Vacuum Breaker	1 in	1.00 in	0.56 in	BSSV6	0.041 bar 16.7 in.water	0 psig 6000 psig	316 SS	NPT (Threaded)
<u>8103</u>	Vacuum Breaker	1 in	1.00 in	0.56 in	BSSV	0.24 psi 0.017 bar 6.6 in.water	0 psig 2500 psig	303 SS	NPT (Threaded)
<u>8033</u>	Vacuum Breaker	1 in	1.00 in	0.56 in	BSSV	0.6 psi 0.041 bar 16.7 in.water	0 psig 2500 psig	303 SS	NPT (Threaded)
<u>8034</u>	Vacuum Breaker	1.5 in	1.50 in	0.88 in	BSSV	0.44 psi 0.03 bar 12.1 in.water	0 psig 2000 psig	303 SS	NPT (Threaded)
<u>8095</u>	Vacuum Breaker	1.5 in	1.50 in	0.88 in	BSSV6	0.44 psi 0.03 bar 12.1 in.water	0 psig 5500 psig	316 SS	NPT (Threaded)
<u>8035</u>	Vacuum Breaker	2 in	2.00 in	1.09 in	BSSV	0.36 psi 0.025 bar 10.1 in.water	0 psig 1500 psig	303 SS	NPT (Threaded)

0.36 psi

Prod. #	Series	Size	Nominal Size (MNPT) A	Unthreaded Inlet Bore B	Style	Valve Cracking Pressure	Cold Working Pressure	Seat	ENDS
<u>8096</u>	Vacuum Breaker	2 in	2.00 in	1.09 in	BSSV6	0.025 bar 10.1 in.water	0 psig 3000 psig	316 SS	NPT (Threaded)
<u>8036</u>	Vacuum Breaker	2.5 in	2.50 in	1.50 in	BSSV	0.16 psi 0.011 bar 4.5 in.water	0 psig 850 psig	303 SS	NPT (Threaded)
<u>8097</u>	Vacuum Breaker	2.5 in	2.50 in	1.50 in	BSSV6	0.16 psi 0.011 bar 4.5 in.water	0 psig 1100 psig	316 SS	NPT (Threaded)
<u>8098</u>	Vacuum Breaker	3 in	3.00 in	1.72 in	BSSV6	0.15 psi 0.01 bar 4.2 in.water	0 psig 900 psig	316 SS	NPT (Threaded)
<u>8037</u>	Vacuum Breaker	3 in	3.00 in	1.72 in	BSSV	0.15 psi 0.01 bar 4.2 in.water	0 psig 700 psig	303 SS	NPT (Threaded)
<u>8099</u>	Vacuum Breaker	4 in	4.00 in	2.22 in	BSSV6	0.1 psi 0.007 bar 2.6 in.water	0 psig 450 psig	316 SS	NPT (Threaded)

0.1 psi

Prod. #	Series	Size	Nominal Size (MNPT) A	Unthreaded Inlet Bore B	Style	Valve Cracking Pressure	Cold Working Pressure	Seat	ENDS
<u>8038</u>	Vacuum Breaker	4 in	4.00 in	2.22 in	BSSV	0.007 bar 2.6 in.water	0 psig 450 psig	303 SS	NPT (Threaded)
