

TECHNICAL BULLETIN

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NIBCO[®] Check Valve Cracking Pressure

Many times the question has been asked regarding pressure required to crack open NIBCO[®] check valves.

The following are the pressures required for each valve:

Part No.	Sizes	Cracking Pressure
T/S 480*	3/8" & 1/2" 3/4" thru 2"	1.5/P.S.I. .5/P.S.I.
T/S 413 433 453 473	All Sizes	.5/P.S.I. or less
F918	2" - 4" 5" - 12"	.5/P.S.I. 3/P.S.I.
W/F910/960 W920W	2" - 30" 2" - 24"	.25 to .50/P.S.I. .25/P.S.I.

- * Effective with product manufactured after June 1, 2003, the required pressure to open the valve will change from 1.5 lbs to .5 lbs. Also as FYI, the 3/4" will have a required pressure of around .4 lbs to open. The same spring will be used for 3/8", 1/2" and 3/4".

NOTE: The 480 series valves with the heavier spring has cast in the body the letter 'B' and the 480 series valves with the new lighter spring will have cast in the body the letter 'C'.