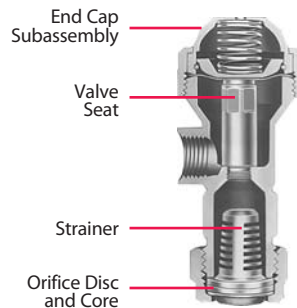




In this type of nozzle body, the diaphragm check valve is an integral part of the nozzle assembly. This design eliminates the pressure drop associated with ball-type check valves. The spring-backed diaphragm ensures dependable closure. Originally developed for use in aerial spraying, nozzle bodies of this design are now widely used wherever drip-free shutoff is required. For maximum operating pressures of 125 PSI (9 bar).

Typical Assembly



8355

Made of Nylon with Nylon/polypropylene end cap assembly. Check valve opens at 10 PSI (0.7 bar) pressure. Choice of 1/8" or 1/4" NPT (F) inlet connections. Flow rate for 1/8" is 3 GPM at 5 PSI pressure drop (11.4 l/min at 0.34 bar). Flow rate for 1/4" is 3.9 GPM at 5 PSI pressure drop (15 l/min at 0.34 bar). Overall length 2 3/4" (70 mm). Weight: 1 1/2 ounces (43 g).



12328-NYB

Made of Nylon with Celcon® bonnet. Check valve opens at 7 PSI (0.5 bar) pressure. (M) inlet connection and (F) outlet connections. Choice of 1/2" and 3/4" NPT sizes. Flow rate for 1/2" is 12 GPM at 5 PSI pressure drop (45 l/min at 0.34 bar). Flow rate for 3/4" is 16 GPM at 5 PSI pressure drop (61 l/min at 0.34 bar). Overall length 3" (76 mm). Weight: 9 ounces (0.26 kg).



8360

Made of Nylon with Nylon/polypropylene end cap assembly. Check valve opens at 10 PSI (0.7 bar) pressure. 1/4" NPT (M) inlet connection. Flow rate of 2.25 GPM at 5 PSI pressure drop (8.5 l/min at 0.34 bar). Overall length 2" (51 mm). Weight: 1 ounce (28 g).

ChemSaver® Diaphragm Check Valve Nozzle Bodies

Similar in design and performance to the TeeJet® Diaphragm Check Valve nozzle bodies, but with pipe thread outlet connections for spray nozzles instead of TeeJet caps and spray tips. For maximum operating pressures of 125 PSI (9 bar).



6140A

Made of brass. Check valve opens at 7 PSI (0.5 bar) pressure. Choice of 1/4" and 3/8" NPT (F) inlet connections. Outlet connection has dual 1/2" NPT external (M) thread and 3/8" NPT internal (F) thread. Flow rate of 4.5 GPM at 5 PSI pressure drop (17 l/min at 0.34 bar). Overall length 2 3/8" (61 mm). Weight: 2 1/2 ounces (71 g).



4664B

Made in choice of brass or aluminum with replaceable stainless steel valve seat. Check valve opens at 7 PSI (0.5 bar) pressure. 1/8" NPT (F) inlet connection. Flow rate of 2.0 GPM at 5 PSI pressure drop (7.5 l/min at 0.34 bar). Overall length 2 5/16" (59 mm). Weights: brass 3 ounces (85 g), aluminum 1 ounce (28 g).



4666B

Made in brass with replaceable stainless steel valve seat. 1/8" NPT (F) inlet and outlet connections. Flow rate of 2.0 GPM at 5 PSI pressure drop (7.5 l/min at 0.34 bar). Overall length 1 15/16" (49 mm). Check valve opens at 7 PSI (0.5 bar) pressure. Weight: 2 1/2 ounces (71 g).



6135A

Made of brass. Check valve opens at 7 PSI (0.5 bar) pressure. Choice of 1/4" and 3/8" NPT (F) inlet connections. Flow rate of 4.5 GPM at 5 PSI pressure drop (17 l/min at 0.34 bar). Overall length 2 3/8" (67 mm). Weight: 4 1/2 ounces (128 g).



(B)10742A

Made in choice of brass or aluminum. Check valve opens at 7 PSI (0.5 bar) pressure. 1/4" NPT (M) inlet and (F) outlet connections. Overall length 1 7/16" (37 mm). Flow rate of 2.25 GPM at 5 PSI pressure drop (8.5 l/min at 0.34 bar). Weights: brass 2 1/2 ounces (71 g), aluminum 2 ounces (57 g).

(B)=BSPT