



Flush Face Connectors US PATENT #9708173

Comparative Analysis between Flomax and Other Makes

FloMAX Flush Face Connectors

Other Makes Flush Face Connectors

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| <p>Can be connected and disconnected under pressure and still retain the “push to connect” feature.</p> | <p>Cannot be connected and disconnected under pressure. Some competitors fittings require manual ball valve lock out.</p> |
| <p>Uses stainless steel on all critical components for a longer life and more reliable long term performance..</p> | <p>Uses Zinc Plated Steel. Under robust use the zinc can chip or peel off causing rust and seal damage from rough surfaces.</p> |
| <p>Uses heat treated Stainless Steel receiver nose that ensures they can be operated at a higher pressure with a longer life.</p> | <p>Uses the same Zinc plated steel as the rest of the connector. No heat treating on critical wear components.</p> |
| <p>All connectors are the same physical size. Our patented ball lock key technology allows for this highly desirable feature. Uniform size allows ease of service box layout and planning.</p> | <p>Uses a variety of sizes to accomplish the non interchangeability feature. This means some connectors are very large and cumbersome while others are much smaller.</p> |
| <p>Flomax invented the colored non– interchangeability feature in 2004 that is now used industry wide in a variety of applications. Flomax are the innovators of our industry.</p> | <p>Imitators not innovators. Competitors have attempted to duplicate Flomax non interchangeable fittings but have never reached our standard of quality and ergonomics.</p> |
| <p>EVAC Fitting is also a compact Flush Face design to help eliminate the possibility of contamination and maximize ease of use and portability.</p> | <p>EVAC fitting is large and cumbersome and is not a Flush Face design. It has a large pocket where debris can accumulate and possibly contaminate equipment.</p> |
| <p>All of our connectors are rated at the same pressure rating and extreme temperature range. All are made to the same exacting, high standards. All Flomax brand fittings are 100% factory tested to ensure reliable performance.</p> | <p>Have different pressure ratings depending upon the size of the connectors. Have had to create special “cold weather” fittings. Of serious note, testing of competitors fittings have resulted in complete failure far below the rated pressures.</p> |
| <p>Can be connected and disconnected while holding onto any component of the nozzle, including pullback, base or hose while under pressure.</p> | <p>Cannot be connected while holding onto the pullback. Not having this feature makes the process more difficult and cumbersome while posing a safety risk to the operator.</p> |
| <p>Grease fittings are rated at 5000 psi and can be connected and disconnected under full line pressure <u>without any ball valves or other apparatus to reduce pressure</u>. Greatly reduces complexity and increases safety with fewer operations required. Couplings are easily and disconnected even in extreme dirty and grease contaminated environments.</p> <p>Available in two non interchangeable sizes.</p> | <p>Grease fitting is rated at 2900 psi and can only be connected and disconnected under low residual line pressure. Needs other valves to disconnect and bleed full line pressure before connecting and disconnecting. This exposes operators to safety risks that are not present in the Flomax series of fittings.</p> |