

August 31, 2023

Installation Details Are Important!

On occasion, our Customer Service Representatives (CSRs) receive calls from the field about a valve that is defective or leaking. When this occurs, our application engineers and product managers immediately jump into action, because there is nothing more frustrating and resource-consuming than a contractor-customer receiving a call-back.

While actual product failures are extremely rare, installation issues do occur and even recur. In that light, let's take the opportunity to review some "Best Practices".



Recently, a report was received that several silent check valves were leaking in an installation. All were leaking at the mating flange. Upon further investigation, a few installation issues were uncovered.

First, a silent check should be installed 4-5 pipe diameters away from the discharging pump. As you can see from the photo, this valve is an 8-inch silent check, so it should be 32- to 40-inches away from the pump. At most, it is about 12 inches away.

Also, the installer had bolted the inlet side directly to a rubber expansion joint. The Milwaukee Valve silent check is to be installed directly to solid steel mating flanges using a full face gasket. Remember... metal flanges only – no flex connectors, and you'll avoid this issue at installation.



Milwaukee Valve has a video on silent check valves. Skip to the 2:00 minute mark to see the explanation and caution. Click [HERE](#) to link to the video.

For more information on best practices and installation issues, contact your Milwaukee Valve, contact your [Milwaukee Valve sales representative](#) or contact the factory.



MILWAUKEE VALVE

www.milwaukeevalve.com
262.432.2700



HAMMOND VALVE

www.hammondvalve.com
262.432.2702

16550 West Stratton Drive, New Berlin, WI 53151

