

Using the McDaniel In-Line Leak Indicator

1. Check the **In-Line Leak Indicator** when you are not pouring beer. Wait at least one-half hour after your last pour.
2. Any time the ball is not resting on the bottom of the tube there is gas flowing. If gas is flowing and you are not pouring beer you have a leak. The higher the ball is the larger your leak is.
3. A small leak of one-half cubic foot an hour wastes more gas each day than you would use to dispense two kegs of beer.

Finding Leaks

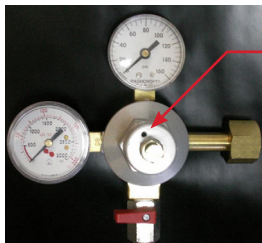
We recommend a two-part approach to finding leaks. First, locate the part of the draught system that leaks using the method described below and second use soapy water or leak detecting fluid to find the exact location of the leak.

We strongly recommend having at least two people as part of this process for two reasons. First, *gas leaking into a confined space is very dangerous and can cause a person to become unconscious with no warning.* Second, a person out of the confined space can assist and serve as the lifeguard for the person doing the leak detection.

Leak Location Method

1. Note the leak rate as shown on the **In-Line Leak Indicator**.
2. Shut off all valves down-stream of the **In-Line Leak Indicator**. If the leak continues in full or part, you have a leak between the **In-Line Leak Indicator** and the first valve.

3. When the area in step 1 is free of leaks, begin to open the down-stream valves beginning with the one nearest the first valve, checking the **In-Line Leak Indicator** each time a new valve is opened. Any leak indicated should be in the area between the last valve opened and the area it feeds.
4. Continue this process, until you have examined the whole system, fixing any leaks as they are found or labeling them for the appropriate service person.
5. We find most leaks that appear suddenly (no leak one day and a noticeable leak the next day) are either in secondary regulators or on the keg coupler. These areas deserve extra examination. Do not forget the vent hole in the bonnet of the regulators.



Vent Hole

Important

Gases like CO₂ and Nitrogen can be deadly as they replace the air in a confined space. Approach leak detection very carefully and with someone to help you.

If you are at all unsure of your knowledge or skills in this area, call your gas supplier or beer service company.

The use of the **In-Line Leak Indicator** is to indicate that a leak exists and to give an approximate idea of the size of the leak or leaks. Leaks require immediate attention because they are both dangerous and costly.