

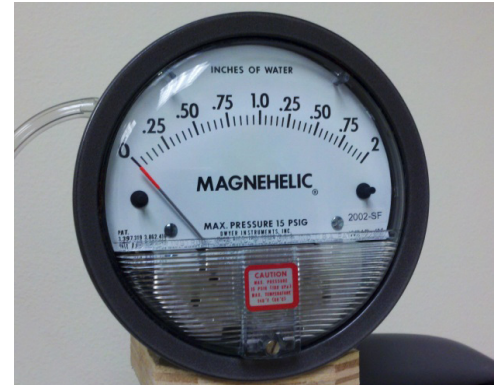
Magnehelic Gauge Benefits for Dryer Vent Cleaners

What is a Magnehelic Gauge?

A magnehelic pressure gauge is a device, similar to a manometer, that's used to measure positive, negative, and differential pressures. Though commonly used in the HVAC industry, the magnehelic gauge is an outstanding tool for vent cleaners to use during dryer vent cleaning jobs.

Why does a Magnehelic Gauge benefit dryer vent cleaners?

The magnehelic gauge can be used to quantify how blocked (or inefficient) a dryer is operating prior to cleaning the dryer vent. After cleaning, the gauge will tell you exactly how much more efficiently the dryer is venting. Technically speaking, dryer manufacturers say to have the dryer vent cleaned if the back pressure readings are greater than 0.6 – 0.75 water column inches (wci), as indicated on the gauge itself.



How does a Magnehelic Gauge work?

The magnehelic gauge measures duct static pressure, which is the pressure the blower produces in the exhaust conduit. In this industry, back pressure is a result of one or more of these conditions: long duct runs, excessive elbows, squished transition hoses, lint buildup, bird nests, rodent nests, and termination hoods that are blocked or feature an inefficient design.

Here's how to use your Magnehelic Gauge:

- 1) Prior to cleaning the dryer vent, install our SmartTap Fitting in the transition hose (see pic to the right). Using the same tubing from the LintAlert, connect the SmartTap Fitting to the High Pressure barb on the magnehelic gauge.
- 2) Turn the dryer ON and take note of the high pressure reading on the gauge.
- 3) After cleaning the dryer vent, turn the dryer back ON and see how much the back pressure has been reduced. If the back pressure reading is still high after cleaning (over 0.8 wci), try further reducing the pressure by eliminating elbows, installing a more efficient termination hood, and/or using a shorter/smooth transition duct.



Using the Magnehelic Gauge to help up-sell the LintAlert®

Point out to your customer that the Magnehelic Gauge works the same as the LintAlert's 5 LED light bars. The LintAlert becomes their in-home safety and efficiency monitor as it displays the pressure levels found in the dryer's exhaust.

NOTE: The LintAlert will calibrate if the back pressure readings are between 0.15 – 0.85 wci.
