



# MATHESON

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## Gas Watcher™ Smart Pressure Monitoring System (Bluetooth) Installation Checklist and Customer Requirements

- 1. Provide suitable network and internet access for operation of the Gas Watcher System. A wired Ethernet connection to the Gas Watcher Receiver/Router is strongly recommended; however, Wi-Fi is an adequate option.
- 2. Provide computers and handheld devices for accessing the CirrusSense™ cloud account to manage the Gas Watcher System.
- 3. Ensure the network firewall allows communication between Gas Watcher and CirrusSense.
- 4. Protect Gas Watcher Receiver/Router with a weatherproof enclosure if the unit will be installed outside or the possibility for exposure to water exists. The Gas Watcher Weatherproof Enclosure is available (MATHESON p/n SEQGWENCL1000).
  - <https://store.mathesongas.com/gas-watcher-weatherproof-enclosure-for-router/>
  - Gas Watcher Receiver/Router has a NEMA Type 4 Rating.
  - Gas Watcher Weatherproof Enclosure has a NEMA Type 3, 3X / IP55 Rating.
- 5. Use a new strip of weatherproof tape on the battery access port of the Gas Watcher Smart Pressure Gauge regardless of whether it is located indoors or outdoors. This is necessary to keep moisture out of the housing. Once the tape is removed, it must be replaced with a new strip of tape. (MATHESON p/n SEQGWTAPE5PK).
  - <https://store.mathesongas.com/weatherproof-tape-1-x-3-5-pack/>
  - The Gas Watcher Smart Pressure Gauge has a NEMA Type 4 Rating with the tape properly applied. Without the tape properly applied, it has a NEMA Type 12 Rating.
  - Protect the Gas Watcher Smart Pressure Gauge from exposure to rain, sleet and snow although it will be temporarily protected from the elements with weatherproof tape properly applied.
- 6. Ensure the temperature range where the Gas Watcher Smart Pressure Gauge will be located is between -4°F and 140°F (-20°C and 60°C).
- 7. Ensure that the distance between a Gas Watcher Smart Pressure Gauge and the Receiver/Router it is matched to is 100 feet or less (< 100' unobstructed line of site). This distance may have to be shorter than 100 feet depending on variables unique to a site that would impact communication.
- 8. Mount the Receiver/Router where the Gas Watcher Smart Pressure Gauges have the clearest path of communication with the Receiver/Router. Installation of 6 - 10 feet off the ground is recommended. In general, the higher the Receiver/Router is installed, the better.
- 9. The maximum number of Gas Watcher Smart Pressure Gauges that can be assigned to a Receiver/Router is 49.
- 10. Protect the Gas Watcher Smart Pressure Gauges from damage due to contact with heavy equipment or mechanical shock.
- 11. Keep spare Gas Watcher Smart Pressure Gauge batteries and weatherproof tape on hand.
  - <https://store.mathesongas.com/weatherproof-tape-1-x-3-5-pack/>
  - <https://store.mathesongas.com/battery-size-2450-3v-with-weatherproof-tape/>
- 12. Review all MATHESON Gas Watcher instructions and set up guides prior to receiving and installing your system. You will find the instructions at the following link:
  - [https://store.mathesongas.com/content/Instructions-Gas\\_Watcher.pdf](https://store.mathesongas.com/content/Instructions-Gas_Watcher.pdf)

**I confirm I have reviewed this checklist and meet all Installation Requirements:**

Printed Customer Name: \_\_\_\_\_

Customer Signature: \_\_\_\_\_

Company/Organization Name: \_\_\_\_\_ Date: \_\_\_\_\_