

# Graco Piston Pumps



## For Spray Foam & Polyurea Applications

Graco's proportioners are simple yet robust systems designed as a reliable solution for every contractor, without the need for field calibrations.

### Graco's Modern Equipment

Graco is a leading designer and manufacturer of pumping systems and equipment, with many different types of pumps in its product lines, including gear pumps and piston pumps. Graco believes the best pumping technology for use with two-component spray foams and polyureas is mechanically-linked, positive displacement piston pumps.

Employing state-of-the-art piston pumps, Graco's proportioner systems, such as the Reactor® product line, are suited to withstand the demands of commercial and residential spray foam and polyurea applications.



### Graco's Modern Proportioner Systems

- Integrate factory-calibrated flow meters that do not require field calibrating since the flow meters are not relied upon to control or maintain ratio
- Utilize mechanically linked positive displacement piston pumps that are not dependent on flow meters to control volume dispensed or to maintain ratio
- Require minimal maintenance; built with high quality parts for long life and reliability
- Provide consistent volumetric performance regardless of common variables
- Incorporate an ergonomic design for easier service within a compact footprint
- Provide a robust system designed for 1:1 ratio spraying; able to deliver a consistent ratio in a tight tolerance band

Where high pressures and effective flow control is required, piston pumps provide superior accuracy, reliability, and efficiency compared to gear pumps.

### Conclusion

It is clear that piston pumps are the right tool for the job when pumping plural component isocyanate materials. Piston pumps provide a robust, low risk, accurate solution. The primary thing that can go wrong with mechanically linked piston pumps is seal wear. Seal wear can easily be detected with a pressure imbalance alarm. Reactor proportioners that utilize the ratio assurance system use passive flow meters to alert you of any issues that need to be solved. Our ratio assurance system will not hide the ratio issues and is not blind to any problems that may exist.