



Graco In:Pulse™ Ratio Control

For Refillable Low Pressure Spray Foam Systems



PROVEN QUALITY. LEADING TECHNOLOGY.

► Low Pressure Spray Foam Systems

Low pressure (LP) spray foam systems play an instrumental role to an insulation contractor. LP systems are typically portable, convenient, and at times a more cost effective solution than sending out a high pressure rig. LP systems are ideal for some small, touch-up and repair jobs, as well as some in-plant foam applications.

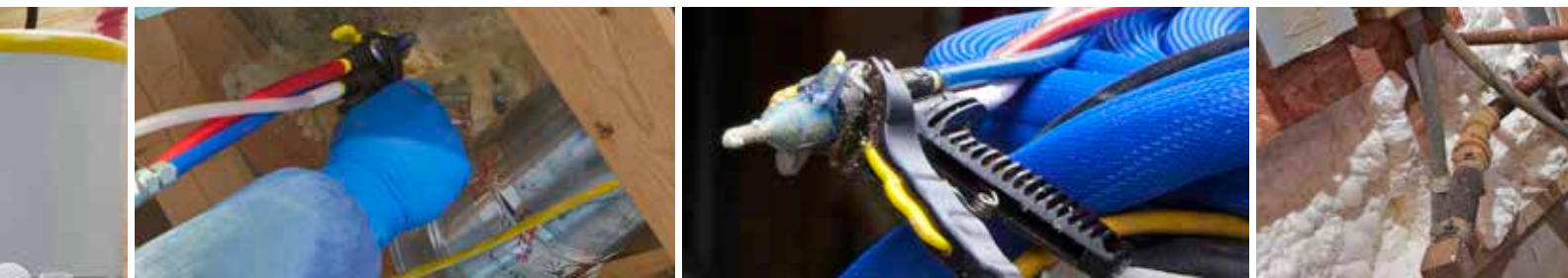


Set-up

A common LP spray foam system comes in refillable tanks. For the refillable tanks/systems to work to their full potential and to maximize yield, they need to be calibrated. Calibration is recommended to be done at the start of every day, multiple times throughout the day, and at tank change overs. Since the calibration process is done by trial and error, it can be time consuming and tedious. Because of this, calibration often does not get done as frequently as it should. With LP spray foam it is hard to visually distinguish on-ratio versus off-ratio foam, so knowing you are on-ratio is very important.

Beyond Equipment

LP systems offer additional benefits to contractors and their customers. For contractors, an LP system is an affordable way to gain entry into the spray foam market and expand their business. For customers, the re-occupancy times may be less, reducing the inconvenience of being away from their homes or businesses.



► Graco In:Pulse Ratio Control System

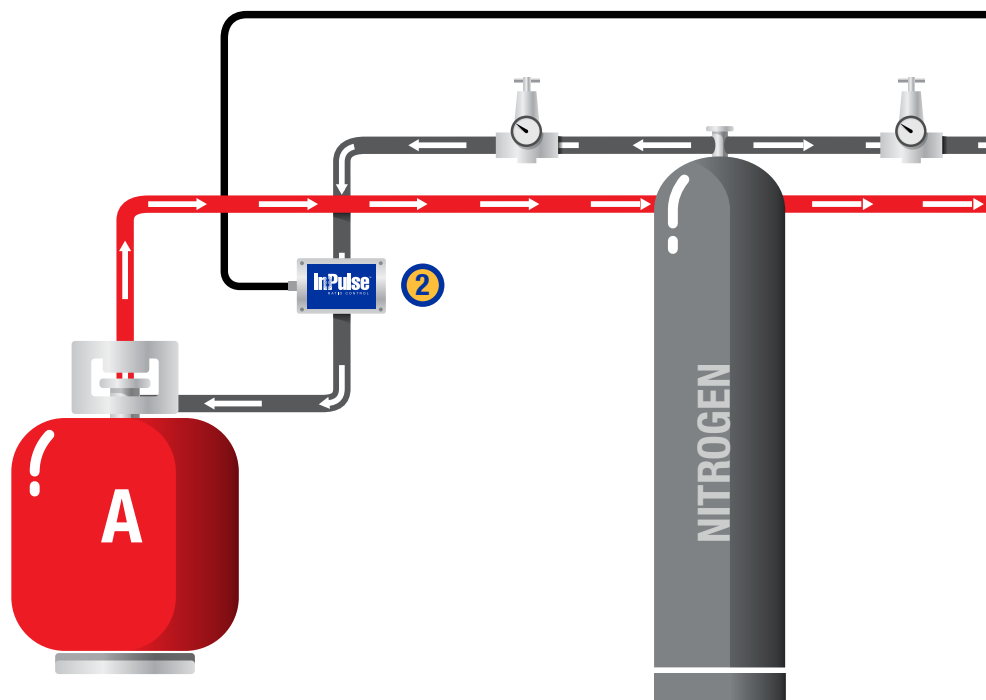
No matter what spray foam system you use, being on-ratio is key for the chemical to mix – the way the material supplier intended. Graco In:Pulse will help provide better yield and on-ratio product and eliminate the need for calibration.



Keep It Under Control

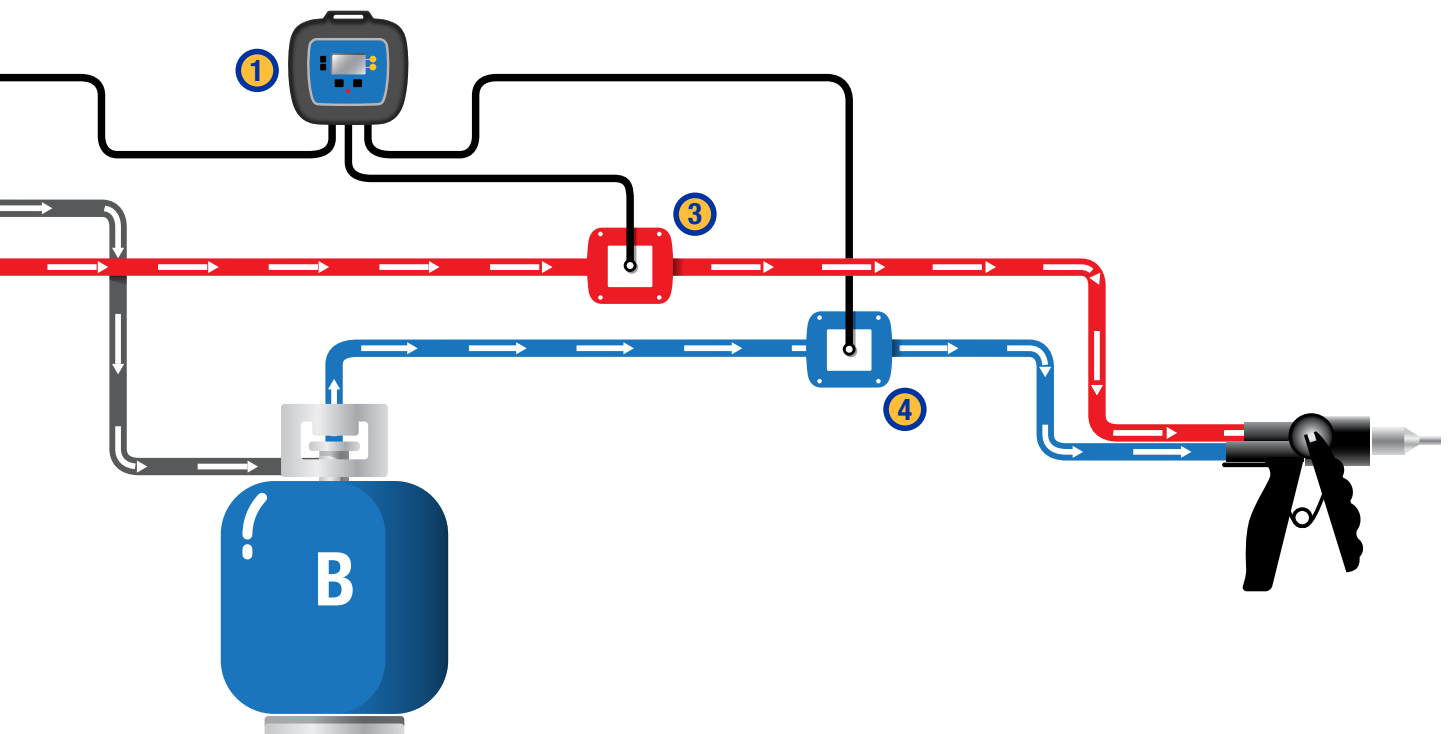
In:Pulse provides real-time volumetric ratio control. Throughout the day, as the ratio mix changes due to ambient conditions, tank pressures, nitrogen pressures, etc., In:Pulse will self-adjust to ensure you spray on-ratio – every time.

- 1 Display Module:**
Compares ratio of the “A” and “B” chemicals and makes adjustments on the fly to keep you in control.
- 2 Pressure Regulator:**
Adjusts “A” chemical pressure to keep you on ratio.
- 3 Flow Meter (A side):**
Measures the flow of “A” chemical.
- 4 Flow Meter (B side):**
Measures the flow of “B” chemical.





The Graco In:Pulse Ratio Control System and In:Pulse LP Heated Hoses are designed to be used with the chemical manufacturers disposable guns and tips that you use today!



▶ Graco Has You Covered

Like you, we want customers to be completely satisfied with their spray foam application investment. Graco's goal is to provide the equipment advancements that help you and your crews apply materials with increased accuracy – the way the material suppliers intended. The Graco In:Pulse Ratio Control System and In:Pulse LP Heated Hoses are designed to be used with the chemical manufacturers disposable guns and tips that you use today!

Display Module

- Easy to use
- Real time ratio information
- Tank level indicator
- Historical spray volumes for lifetime and job
- Error display and history



Flow Meters

- Volumetric flow meters ensure optimum yield
- Hands free ratio control
- Maintains ratio accuracy within 5%

In:Pulse Heated Hoses

- Automatic heat setting to 75°F
- Plugs into a standard 110V/15A outlet
- Hits temperature set point in five minutes*
- Lightweight and flexible
- Comes in 50 foot sections
- Unheated hose sets are available

** Assumes chemical is stored at 55°F*



Remote Alarm

- Alerts operator to any off-ratio or low tank level conditions
- Alarm built into the hose bundle
- Alarm placed near gun for operator convenience

Ordering Information

Systems

- 17P038 Complete low pressure spray foam package for E84 Class 1 (A) Spray Foam Systems, includes:
ratio control kit (17L851), 50 ft heated hose set with buzzer cable (17L891), 50 ft unheated hose set with buzzer cable (17L893),
6 ft whip hose (17P226)
- 17P039 Complete low pressure spray foam package for Appendix X Spray Foam Systems, includes:
ratio control kit (17L851), 50 ft heated hose set with buzzer cable (17L892), 50 ft unheated hose set with buzzer cable (17L894),
6 ft whip hose (17P225)
- 17L851 Ratio control kit, includes:
meters, display, pressure regulator,
remote alarm and mounting bracket



Hoses — for use with E84 Class 1 (A) Spray Foam Systems

(1:1 by chemical weight refillable foam systems such as: Dow® Froth-Pak® Refill Systems, Touch 'n Seal® Refillable Foam Systems, Fomo Handi-Foam® Refillable Systems)

- 17L891 Heated hose set, buzzer cable, 50 ft, 3/8 in x 3/8 in, with Scuffguard™
- 17L893 Unheated hose set, buzzer cable, 50 ft, 3/8 in x 3/8 in, with Scuffguard
- 17P226 Unheated 6 ft whip, 3/8 in x 3/8 in, with Scuffguard

Hoses — for use with Appendix X Spray Foam Systems

(1:1 by chemical weight refillable foam systems such as: Dow Froth-Pak ULTRA Refill Systems)

- 17L892 Heated hose set, buzzer cable, 50 ft, 3/8 in x 1/2 in, with Scuffguard
- 17L894 Unheated hose set, buzzer cable, 50 ft, 3/8 in x 1/2 in, with Scuffguard
- 17P239 Unheated hose set, buzzer cable, 50 ft, 1/2 in x 3/4 in, with Scuffguard
- 17P225 Unheated 6 ft whip, 3/8 in x 1/2 in, with Scuffguard

Dow and Froth-Pak are registered trademarks of The Dow Chemical Company.

Touch 'n Seal is a registered trademark of Convenience Products.

Fomo and Handi-Foam are registered trademarks of Fomo Products, Inc.

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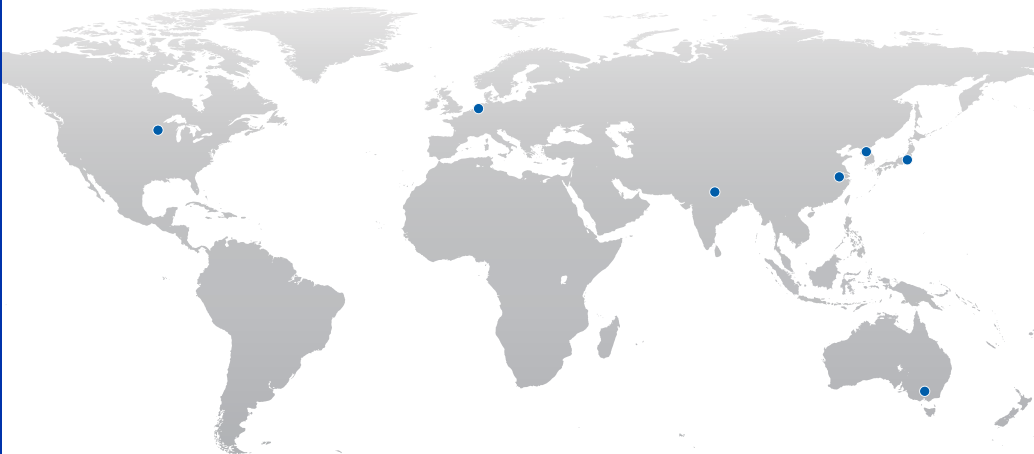
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