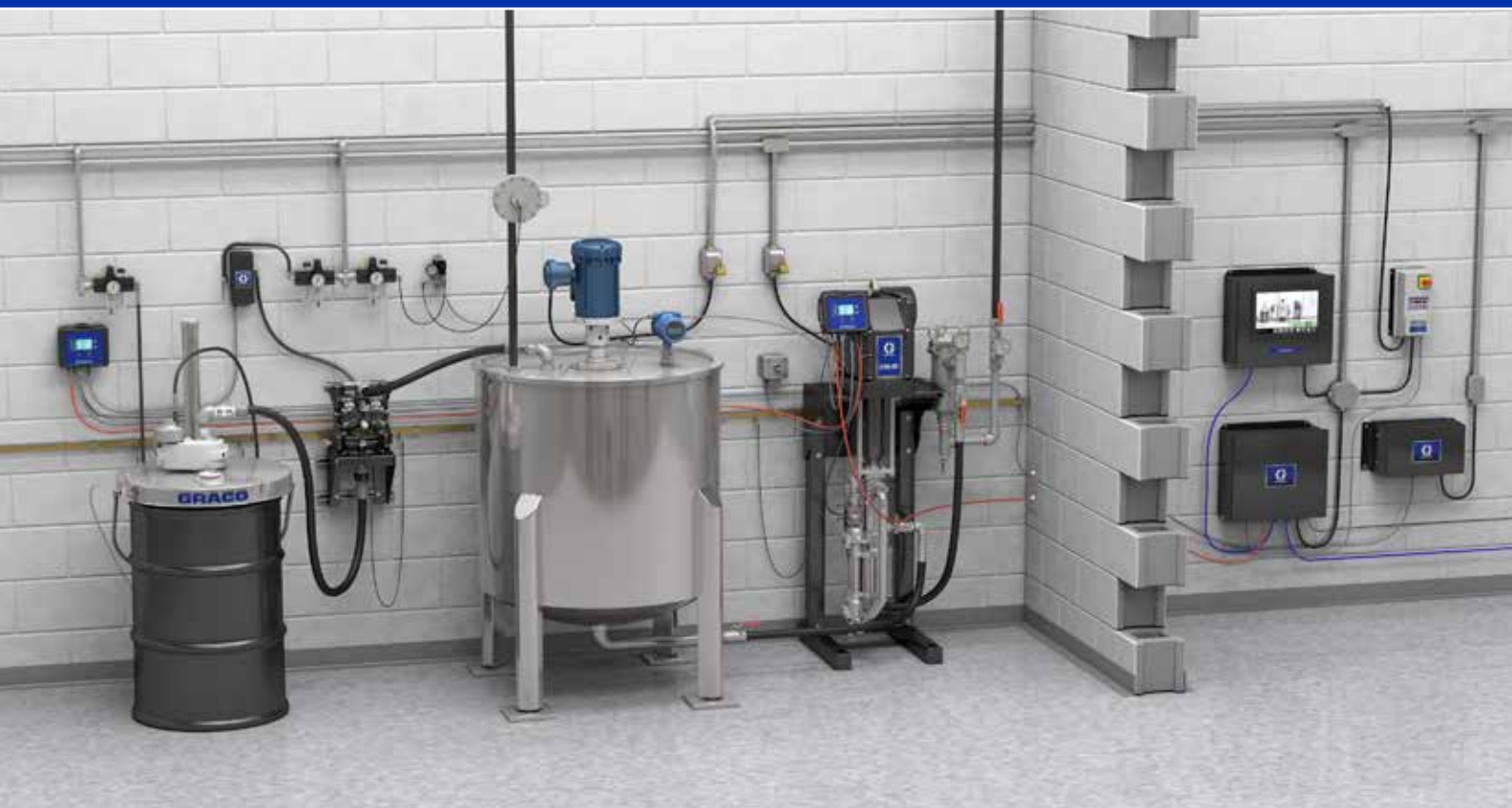




Intelligent Paint Kitchen

A complete solution with remote monitoring and control for the entire paint room



Graco's Intelligent Paint Kitchen helps you reduce expenses and closely monitor your production! Remotely monitor and control key circulation system parameters like pressures, flow rates, tank levels and agitator speeds to quickly ensure your system is operating at peak efficiency.

PROVEN QUALITY. LEADING TECHNOLOGY.

Intelligence is Powerful

Intelligent products make more intelligent people. Plus, intelligent products that are simple to operate, and keep you connected to what's happening in your paint room at all times, is where technology is headed.

Graco's intelligent paint kitchen is a system of smart sensors communicating with each other that optimize the performance of your circulation system. It is a less complex, less expensive alternative to advanced remote monitoring and control for the entire paint room — especially when compared to traditional custom built systems.



Why Upgrade to an Intelligent Paint Kitchen?

Visibility & Control

Optimize your painting process by having real time access to key circulation system data from outside of the paint kitchen.

Energy Efficiency

Compared to pneumatics, electric pumps and agitators are up to 5x more efficient and they offer greater control.



All components are standard products, not a custom-built system, which makes them easy to be configured and install. And because both the initial investment and installation costs are lower, you're able to be more competitive in a global market. With the intelligent paint kitchen, you can remotely monitor and control key circulation system parameters like pressures, flow rates, tank levels and agitator speeds. The enhanced awareness of key circulation system parameters in real-time enables quick diagnosis of issues and ensures your system is operating at peak efficiency.



Scalable

Start with an electric pump and monitor. Then gradually add components to build your customized Intelligent Paint Kitchen.



Cost Effective

Inexpensive alternative for advanced monitoring and controlling of paint mix room vs. traditional custom built systems.



Hello Flexibility

Graco is putting remote monitoring and control for your entire paint room within reach. Unlike custom built systems, our Intelligent Paint Kitchen allows you to start small with a pump and controller, then gradually add components as your need and budget allow. All components are plug-and-play, so you can quickly expand the capabilities of your paint room.



E-Flo DC

The E-Flo DC electric circulating pump is the perfect starting point for your paint kitchen. Paired with our Control Module, your paint room becomes a whole lot smarter.

Save Energy

Up to 5x more efficient than pneumatic – lowering your energy bill and saving you money

Prevent Material Loss

Integrated runaway protection protects your pump from premature wear and prevents costly material loss

Eliminate Costly Rework

Electric motor eliminates icing – giving you smoother pump operation and better finished product

Improve Quality

Less pulsation and smooth, rapid changeovers for better, more consistent finishes

Sealed 4-Ball Lower

E-Flo DC's sealed 4-ball lower can withstand the harshest materials, including waterborne paints, thanks to our Ultralife Series ceramic coating. Plus, the lower is completely sealed so it can be used for every pumping application in your mix room, including catalyzed coatings.



Fully-Equipped for Complete Connectivity

We think you should be able to control and monitor things like pressures, flow rates, tank levels and agitator speeds. This single interface lets you easily connect and manage multiple pumps and talks to your PC or PLC for better visibility and control outside of hazardous areas.

But connected doesn't have to be complicated. Our Control Module has just one line of communication to your PLC and you don't have to be an expert to operate it. Because it's intrinsically-safe, you can feel confident in a safe operating environment .



Intelligent Control Module

- Configure different operating profiles of pump
- Password protect pump settings to protect against unauthorized access
- Approved for Hazardous Locations: Class I, Div 1, Group D, T3 (North America); Class I, Zone 0, Group IIA, T3 (Europe)

Control Module Connections

We gave a lot of consideration to the way our Control Module connects to peripherals and power. This single electronic hub lets you connect to almost anything in your paint room – making connectivity both easy and cost-effective.



Smart. Simple. Scalable.

An Intelligent Paint Kitchen is, simply, a much “smarter” paint kitchen that is easier to integrate and scale, yet provides insights into your operations that were previously difficult to capture.

Remote Tank Fill

- Simplify tank refill with the easy activation of a pneumatic transfer pump
- When used with a tank level monitor, tank fill can be automated

Electric Agitator Control

- Increase energy savings by switching to an electric agitator
- Monitor and control the speed of your electric agitator



Pneumatic BPR Control

- Maximize material life and increase energy savings by easily adjusting the pressure on your pneumatic BPR

Tank Level Monitor

- Ensure your circulation system has an adequate paint supply with real-time monitoring of the tank level

Want more information?

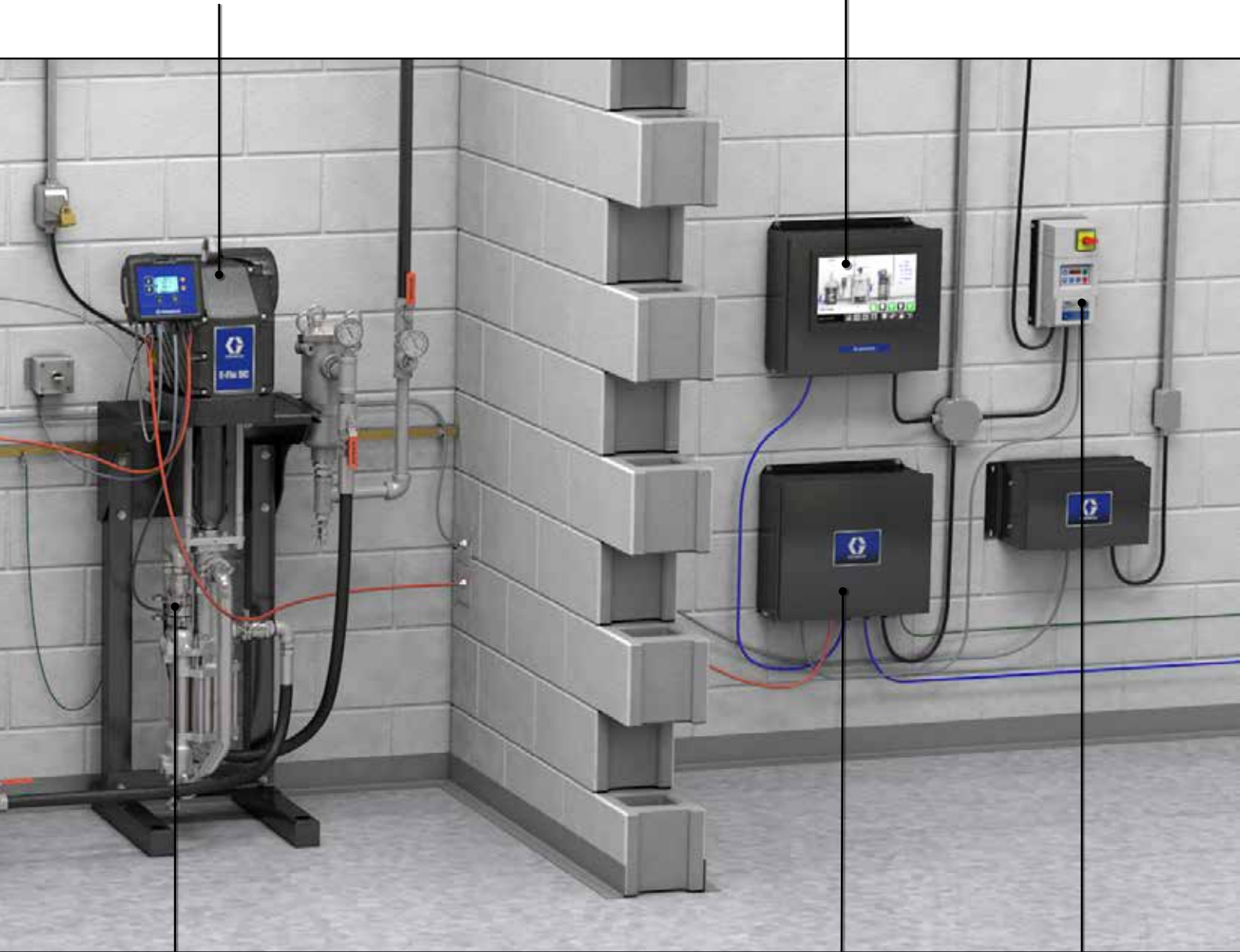
For more information, refer to manual number 3A4030 or go to www.graco.com/IPK.

E-Flo® DC

- Heart of the Intelligent Paint Kitchen
- Deliver smooth pressure and flow rates to your paint circulation system with energy efficient reciprocating piston pump
- Make installation and operation easier with local control

Remote Location Monitoring: Touchscreen

- Easily monitor and control all tasks and functions of your circulation system remotely – from outside the hazardous location



Pressure Transducer

- Monitor system pressures from up to two different points in your circulation system
- Maintain system pressures with automated closed loop pressure control

Remote Location Monitoring: Supervisor

- Access point to all pumps in the mix room
- Interface with a PC or PLC

Variable Frequency Drive (VFD)

- Used for controlling electric agitator



ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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