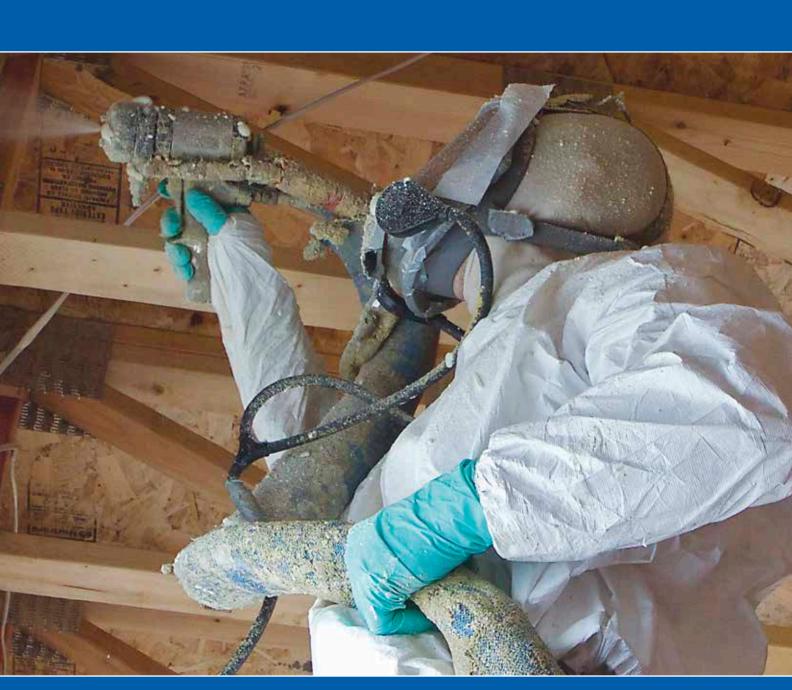
Reactor[®] Spray Foam and Polyurea Equipment



For fast-set plural-component applications



Graco Has You Covered

No matter what the application, Graco has the solution

Whether you're spraying foam or applying polyurea coatings, Graco Reactor® Plural-Component Systems help you get the job done with superior results. Available in air, electric or hydraulic technology — we have the right equipment to meet your needs.

Three-Year Extended Warranty

We stand behind every piece of equipment we manufacture with one of the industry's strongest warranties.

Spray with the confidence that you will probably never need to use Graco's warranty,

but if you do – Graco Has You Covered.

Reactor 2 systems offer a three-year extended warranty on control modules, display module and electric motor (E-series only).

See product manual for specific warranty details.



Which system is right for you?

Technology types: A = air; E = electric; H = hydraulic



Portable and Touch-up Systems

SPRAY FOAM APPLICATIONS	COATINGS APPLICATIONS
E-8p	E-10hp
E-10	



Entry-level Systems

SPRAY FOAM APPLICATIONS	COATINGS APPLICATIONS
A-25	E-10hp
E-20	E-XP1



Mid-production Systems

SPRAY FOAM APPLICATIONS	COATINGS APPLICATIONS
E-30	E-XP2
H-30	H-XP2



High-production Systems

SPRAY FOAM APPLICATIONS	COATINGS APPLICATIONS
H-40	H-XP3
H-50	



Turnkey Systems

SPRAY FOAM	COATINGS
APPLICATIONS	APPLICATIONS
E-30i	E-XP2i

Understand Spray Performance

Performance charts with mix chamber choices

Use these charts to help identify the system that will work most efficiently with each mix chamber.

Flow rates are based on a material viscosity of 60 cps. See examples below.

How to use these charts

- Select spray pressure
- Select mix chamber or flow rate
- Choose equipment model

Note: Darker shading includes equipment models shown in lighter shaded areas.

Spray Foam Example

Mix chamber: AR6060 (03) Pressure: 1250 psi Flow rate: 22 lb/min*

Reactors H-30, E-30, H-40, H-50

Coatings Example

Mix chamber: AR2929 (00) Pressure: 1500 psi Flow rate: 0.9 gpm*

Reactors E-XP1, E-XP2, H-XP2, H-XP3, E-10hp (230V)

*Output of flat tip will be slightly less than round equivalent

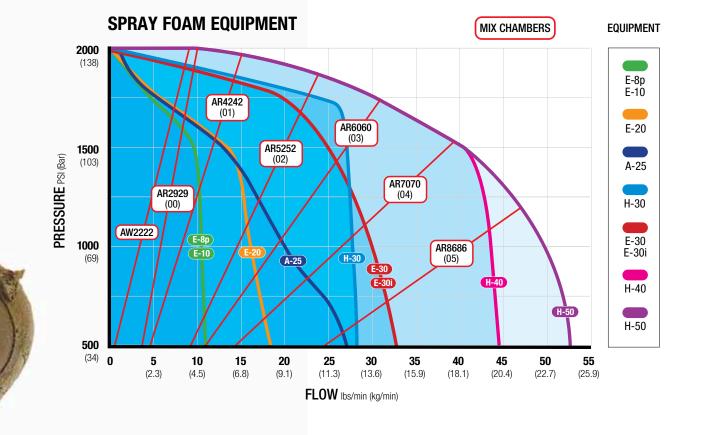
Applications

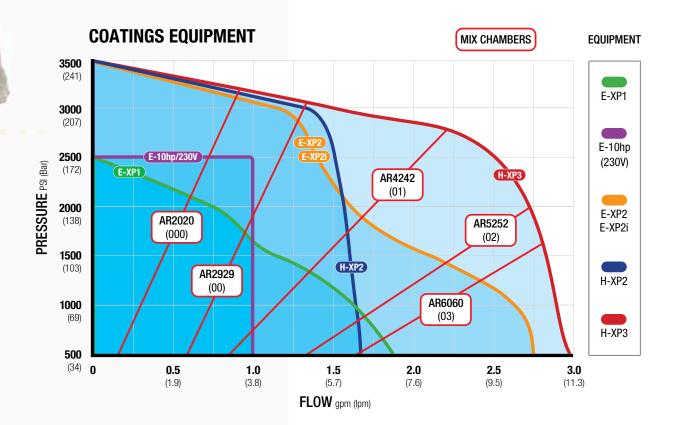
Spray Foam

- Aerospace
- Concrete lifting
- Residential & commercial wall insulation
- Rim and band joist
- Roof insulation

Protective Coatings

- Adhesive and caulking for flooring
- Decorative coatings
- Marine and shipbuilding
- Tank and pipe coating
- Wastewater treatment
- Foundations
- Potable water
- Truck bedliners
- Waterproofing





Advancing the Industry.

Like you, we want customers to be completely satisfied with their spray foam and coatings application investment. Graco's goal is to provide equipment advancements that help you and your crews apply materials more accurately and more efficiently — as the material suppliers intended, to help grow your business.

Better control



Advanced control technology

Advanced Display Module (ADM) is the standard interface for all Reactor 2 systems. With the ability to track, monitor and save project information, the ADM also has the ability to download data onto a USB drive for further analysis.

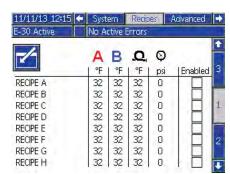
Screen shown

Drum fluid levels — easy indication when you are running low on chemical. One of many screens available on the ADM.

Graco InSite™ Remote Reporting Technology

The power to control your business — wherever you are. The information Graco InSite gathers can save you money, help you bid jobs more accurately and troubleshoot problems more quickly, saving lost overhead and revenue. The data it collects is stored and available anywhere you can access the Internet. For full Graco InSite details and to navigate a demo, visit gracoinsite.com! Graco InSite is standard on Reactor 2 Elite models.

Better spray performance



Precise material application

The ADM lets you stores up to 24 material recipes, so switching material spray parameters is fast, easy and trouble-free. By reducing human error in entering set points you're more likely to spray material as the material supplier intended.

Easier to service



Reduce your downtime with QR codes

Error codes appear on your ADM with a helpful QR code. The QR codes explain the problem and provide solutions by simply scanning the code with your smart phone or device. The scan takes you directly to help.graco.com that provides up-to-date advanced trouble shooting information.

Peace of mind

Advanced electronics

Graco designed the electronics in the Reactor 2 systems to a stringent electronics reliability standard. These modules are more robust and able to withstand a wider range of power spikes or surges.



Sacrificial Surge Protector for added protection

As an added level of protection, Graco also added a sacrificial surge protector to Reactor 2 systems. If there is an excessive power spike, you only have to replace this smaller, less expensive part — not the entire control module. All Reactor 2 models include a spare sacrificial surge protector to get you back up and running immediately.



Turnkey Systems

What a turnkey system can do for you:

- Save time it's easy to install into a spray rig since it's pre-wired with components already selected and installed
- Save diesel fuel costs an average of \$7,000 annually*
- Eliminate costly power issues associated with shore power and low cost generators
- Improved heating capacity adjust temperatures quickly to minimize downtime during recirc
- Reduce fuel costs even more compact, portable design fits into a smaller trailer; smaller trailer means a smaller truck [4 ft (1.2 m) wide by 5 ft (1.5 m deep)]

Reactor 2 E-30i and E-XP2i

Ready for the job site or spray rig - right out of the box

A complete integrated system combines an electric Reactor system, diesel generator, air compressor and air dryer into one package. This patent-pending design provides constant, steady temperature control for superior heating performance without wasting energy. Waste heat from the generator is repurposed to heat the material allowing for a smaller generator.





*By replacing a standard 40 kw generator with a 22 kw generator, the system's fuel needs are greatly reduced. Savings are an estimate only. Actual savings may vary.

High-production Systems

What a hydraulic system can do for you:

- **Dependability** robust, durable, longest life spray system
- Reduce downtime allows for longer time in between required maintenance
- Increase daily productivity capable of extremely high duty cycle



Reactor 2 Hydraulic Series

Highest value for the best performance

Graco's line of hydraulic Reactors brings increased yield and performance to high-output spraying. Ideal for in-plant OEMs or applicators that spray high volume. Reactor 2 stand-alone models are available in an H-30, H-40, H-50, H-XP2 and H-XP3,

Advanced Controls

- Easy to operate Advanced Display Module interface
- Graco InSite Remote Reporting Technology* (Included on Elite models)

Ergonomic Set-up

• Electronics are above the pumps – comfortable working height for easier service

Voltage Jumpers

 Available on H-30 and H-XP2 (Inside Electronics Cabinet) allows for one model to be wired to different voltages

Horizontal Pump Line

Slower cycle rate

Easy Troubleshooting Diagnosis

- Troubleshooting Y-strainers for analog temperature and pressure gauges
- Inlet pressure and temperature is displayed and recorded on ADM and Graco InSite'

Reversing Sensors

Non-contact for longer life

Consistent Design

Similar footprint to traditional H-series

*Elite Models

- Graco InSite included
- Inlet pressure and temperature sensors (interfaces with Graco InSite)
- Xtreme-Wrap™ Scuff Guard on heated hoses when ordered as a package

Revolutionize the way you run your business •

Each feature in the Reactor 2 system was strategically designed to help your business run smoothly Software and hardware enhancements for better spray performance. New technologies that add to your bottom line.

Mid-production Systems

What an electric system can do for you:

- Increase productivity plenty of power for most residential and commercial applications
- Smooth and consistent spray pattern minimizes pressure fluctuations on pump changeover
- Free up space in trailer or rig smaller footprint when compared to other spray systems



Reactor 2 Electric Series

Proven reliability at an outstanding value

With proven reliability the Reactor 2 E-series is the industry's preferred system. Reactor 2 stand-alone models are available in an E-30 and E-XP2 model.

Advanced Controls

- Easy to operate Advanced Display Module interface
- Graco InSite Remote Reporting Technology*

Ergonomic Set-up

• Electronics are above the pumps – comfortable working height for easier service

Brushless Electric Motor

- Improved control and performance
 - No maintenance needed
 - Longer life

Easy Troubleshooting Diagnosis

- Troubleshooting Y-strainer for analog temperature and pressure gauges
 - Inlet pressures and temperatures sensor are displayed and recorded on ADM and Graco InSite*

Sleek Design

• 40% smaller footprint than traditional Reactor E-30

*Elite Models

- · Graco InSite comes factory installed
- Inlet pressure and temperature sensors (interfaces with Graco InSite)
- Xtreme-Wrap™ Scuff Guard on heated hoses when ordered as a package

GLOBAL FIELD-TESTING

LIFE TESTING

LAB TESTING

OVER 150 UNIQUE TESTS PERFORMED IN THE GRACO TEST LABS

MORE THAN 30.000 GALLONS SPRAYED **EIGHT REACTOR 2's RAN CONTINUOUSLY;** EACH RAN OVER THREE MILLION CYCLES

▶ Entry Level Systems

What an entry level system can do for you:

- Easy to maneuver wheeled carts let you get closer to the job
- Easy to use best for low to medium-output applications
- Affordability excellent value for residential and commercial use

Reactor A-25

Best choice for affordability

The Reactor A-25 system has the ability to maintain consistent temperature control, even when you're spraying at maximum flow rates — resulting in better quality foam. Have peace of mind with the proven durability of a standard Graco quality air motor.



Reactor E-20 & E-XP1

Durability you've come to expect

Equipped with material data and system diagnostics, the Reactor E-20 and E-XP1 systems provide total control for spraying foam insulation and coatings.



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Portable & Touch-up Systems

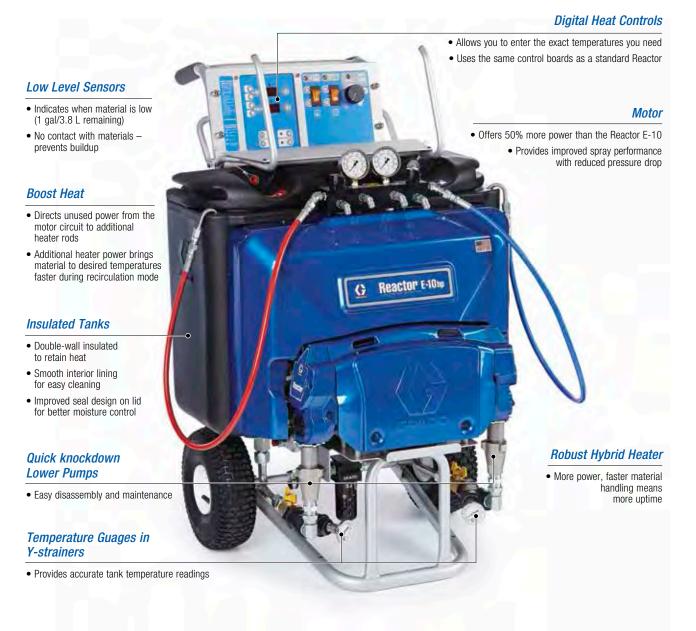
What portable & touch-up systems can do for you:

- Save time get smaller jobs done fast without sacrificing performance
- **Self-contained system** no transfer pumps required
- Easy to use single knob motor operations
- Provides consistency uses standard spray guns you're familiar with

Reactor E-10hp

Fast start-up time for improved productivity

Expand your business with polyurea applications. The Reactor E-10hp sprayer is a smart, affordable investment that will help grow your business. Even though it's an entry level system, it packs plenty of power and uses standard residential electrical outlets — no generator is needed.



Reactor E-10

Save up to 30% on material costs compared to disposable foam systems

Reactor E-10 sprayers are ideal for plural-component spray, joint-fill jobs and touch-ups. One person operation saves time and money!

Intuitive Controls

- · Easy start and stop
- Digital temperature display

Heater and Hose

 Gives up to 2000 watts to pre-heat circulating material

Electric Motor

- Improved performance
- Reduces operating costs

Power

 Electric power is a low draw and plugs into standard outlets

C Rustin 19

Reactor E-8p

For no-heat foams and flooring applications

Become more competitive in today's market with equipment designed for remodeling or flooring applications. As a touch-up system for no-heat foam insulation, the Reactor E-8p system frees up larger rigs for larger jobs while enabling you to finish small jobs affordably. For flooring applications, the Reactor E-8p system offers easy control and is ideal for small to mid-sized joint fill applications.



4

Equipment For Spray Foam Applications

► Graco Has You Covered











Air (A Series) Electric (E Series)					
MODEL	A-25	E-8p	E-10	E-20	Reactor 2 E-30
Max Working Pressure	2000 psi (138 bar, 13.8 MPa) 28 scfm air consumption@100 psi	2000 psi (140 bar, 14 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)
Min Working Pressure	N/A	NA	N/A	N/A	N/A
Max Hose Length	210 ft (64 m)	105 ft (32 m)	105 ft (32 m)	210 ft (64 m)	310 ft (94 m)
Max Fluid Temp	190°F (88°C)	NA	160°F (71°C)	190°F (88°C)	190°F (88°C)
Output	25 lb (11.4 kg)/min	12 lb (5.4 kg)/min	12 lb (5.4 kg)/min	20 lb (9 kg)/min	30 lb (13.6 kg)/min
Weight	250 lb (113 kg)	95 lb (43 kg)	Heated: 160 lb (72 kg) Unheated: 150 lb (68 kg)	342 lb (155 kg)	355 lb (161 kg)
Graco InSite Compatible	No	No	No	Yes	Yes
Ordering Information	*Amps 230V, 1-ph — 40A 230V, 3-ph — 32A 380V, 3-ph — 18.5A	Foam: 120V 259082 240V 259083 Flooring: 120V 259082 24R151 (Pkg) 240V 259083 24R154 (Pkg)	With 1.7 kW heater: 120V, 2-cord 249570 With 2.0 kW heater: 240V, 2-cord 249571 240V, 1-cord 249572 Unheated ambient system: 120V 249576 240V 249577	With 6.0 kW heater: 230V, 1-ph — 48A 259025 230V, 3-ph — 32A 259034 400V, 3-ph — 24A 259030	With 10.2 kW heater: 272110 - Elite 272010 - standard With 15.3 kW heater: 272111 - Elite 272011 - standard *Amps 10kW: 230V, 1-ph — 78A 230V, 3-ph — 50A 400V, 3-ph — 34A 15kW: 230V, 1-ph — 100A 230V, 3-ph — 62A 400V, 3-ph — 35A
Packages	‡		‡	‡	‡ Δ
Operation manual	3A1569	3A1602	311075	312065	333023
Repair manual	3A1570	3A1602	311075	312066	333024

*Reactor systems can be wired for all voltages: 230V - 1ph; 230V - 3ph; 400V - 3ph

‡ Basic packages available

 Δ Additional hose packages available

Basic packages

Most Reactor systems are available in a basic package, which includes:

 Whip hose • Spray hose • Choice of gun Fusion® AP, CS or Probler® P2

To order this package, replace the first two part numbers with the gun type. Fusion AP = AP; Fusion CS = CS; Probler P2 = P2

For example: System 272110 in a basic package with a Fusion AP gun, becomes part number AP2110









Electric (E Series)	Hydraulic (H Series)		
Reactor 2 E-30i	Reactor 2 H-30	Reactor 2 H-40	Reactor 2 H-50
2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)	2000 psi (138 bar, 13.8 MPa)
N/A	700 psi (48 bar, 4.8 MPa)	600 psi (41 bar, 4.1 MPa)	600 psi (41 bar, 4.1 MPa)
310 ft (94 m)	310 ft (94 m)	410 ft (125 m)	410 ft (125 m)
190°F (88°C)	190°F (88°C)	190°F (88°C)	190°F (88°C)
30 lb (13.6 kg)/min	28 lb (12.3 kg)/min	45 lb (20 kg)/min	52 lb (23.6 kg)/min
1750 lb (793.7 kg) - without compressor 2200 lb (998 kg) - with compressor	10 kW: 530 lb (240 kg) 15 kW: 556 lb (252 kg)	600 lb (272 kg)	600 lb (272 kg)
Yes	Yes	Yes	Yes
120V or 240V, 1-ph	With 10.2 kW heater:	With 15.3 kW heater:	With 20.4 kW heater:
Without Compressor: 272079 Aux. power available: 52A at 240V 272080 (Booster Heat) Aux. power available: 35A at 240V With Compressor: 272089 Aux. power available: 22A at 240V 272090 (Booster Heat) Aux. power available: 5A at 240V Other Specs: Compressor: Hydrovane 5 HP, 16cfm, 240V, 1-ph, 60 Hz Air Dryer: Hankison, refrigerated 22 scfm, 115V, 1-ph, 60 Hz Engine: Perkins 404-22G, 2.2 L, 29 HP Generator: Mecc Alte 22 kW, 240V, 1-ph, 60 Hz, pancake style	17H131 - Elite 17H031 - standard With 15.3 kW heater: 17H132 - Elite 17H032 - standard *Amps 10kW: 230V, 1-ph — 79A 230V, 3-ph — 46A 400V, 3-ph — 35A 15kW: 230V, 1-ph — 100A 230V, 3-ph — 59A 400V, 3-ph — 35A	230V, 3-ph — 71A 17H143 - Elite 17H043 - standard 400V, 3-ph — 41A 17H145 - Elite 17H045 - standard With 20.4 kW heater: 230V, 3-ph — 95A 17H144 - Elite 17H044 - standard 400V, 3-ph — 52A 17H146 - Elite 17H046 - standard	230V, 3-ph — 95A 17H153 - Elite 17H053 - standard 400V, 3-ph — 52A 17H156 - Elite 17H056 - standard
‡	‡ Δ	‡ Δ	‡ Δ
332636	334945	334945	334945
332637	334946	334946	334946

*Reactor systems can be wired for all voltages: 230V - 1ph; 230V - 3ph; 400V - 3ph

‡ Basic packages available

△ Additional hose packages available

Additional hose packages

Most Reactor systems are available in an additional hose package, which includes:

• System • Whip hose • Multiple spray hoses • Choice of gun Fusion® AP, CS or Probler® P2

To order this package, replace the first number with the gun type and the second number with "H" (for hose). Fusion AP = AH; Fusion CS = CH; Probler P2 = PHFor example: System 272110 in an additional hose package with a Fusion AP gun, becomes part number AH2110

Equipment For Coatings Applications

Graco Has You Covered









	Electric (E Series)			
MODEL	E-10hp	E-XP1	Reactor 2 E-XP2	Reactor 2 E-XP2i
Max Working Pressure	2500 psi (172 bar, 17.2 MPa)	2500 psi (172 bar, 17.2 MPa)	3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)
Min Working Pressure	N/A	N/A	N/A	N/A
Max Hose Length	105 ft (32 m)	210 ft (64 m)	310 ft (94 m)	310 ft (94 m)
Max Fluid Temp	170°F (77°C)	190°F (88°C)	190°F (88°C)	190°F (88°C)
Output	1 gal (3.8 L) / min	1 gal (3.8 L) / min	2 gal (7.6 L) / min	2 gal (7.6 L) / min
Weight	239 lb (108 kg)	342 lb (155 kg)	350 lb (159 kg)	1800 lb (793.7 kg) - w/ compressor 2200 lb (998 kg) - w/o compressor
Graco InSite Compatible	No	Yes	Yes	Yes
Ordering Information	120V 24T100 230V 24T900	With 10.2 kW heater: 230V, 1-ph — 69A 259024 230V, 3-ph — 43A 259033 400V, 3-ph — 24A 259029	With 15.3 kW heater: 272112 - Elite 272012 - standard *Amps 230V, 1-ph — 100A 230V, 3-ph — 59A 400V, 3-ph — 35A	120V or 240V, 1-ph Without Compressor: 272081 Aux. power available: 35A at 240V With Compressor: 272091 Aux. power available: 5A at 240V Other Specs: Compressor: Hydrovane 5 HP, 16cfm, 240V, 1-ph, 60 Hz Air Dryer: Hankison, refrigerated 22 scfm, 115V, 1-ph, 60 Hz Engine: Perkins 404-22G, 2.2 L, 29 HP Generator: Mecc Alte 22 kW, 240V, 1-ph, 60 Hz, pancake style
Packages	‡	‡	‡ Δ	‡
Operation manual	332144	312065	333023	332636
Repair manual	332144	312066	333024	332637

*Reactor systems can be wired for all voltages: 230V - 1ph; 230V - 3ph; 400V - 3ph

‡ Basic packages available

△ Additional hose packages available

Basic packages

Most Reactor systems are available in a basic package, which includes:

Whip hose

• Spray hose • Choice of gun Fusion® AP or Probler® P2

To order this package, replace the first two part numbers with the gun type. Fusion AP = AP; Probler P2 = P2For example: System 272112 in a basic package with a Fusion AP gun, becomes part number AP2112

Additional hose packages

Most Reactor systems are available in an additional hose package, which includes:

Multiple spray hoses
 Choice of gun Fusion® AP or Probler® P2

To order this package, replace the first number with the gun type and the second number with "H" (for hose). Fusion AP = AH; Probler P2 = PHFor example: System 272112 in an additional hose package with a Fusion AP gun, becomes part number AH2112





Hydraulic (H Series)	
Reactor 2 H-XP2	Reactor 2 H-XP3
3500 psi (240 bar, 24.0 MPa)	3500 psi (240 bar, 24.0 MPa)
1200 psi (83 bar, 8.3 MPa)	850 psi (59 bar, 5.9 MPa)
310 ft (94 m)	410 ft (125 m)
190°F (88°C)	190°F (88°C)
1.5 gal (5.7 L) / min	2.8 gal (10.6 L) / min
556 lb (252 kg)	600 lb (272 kg)
Yes	Yes
With 15.3 kW heater:	With 20.4 kW heater:
17H162 - Elite 17H062 - standard *Amps 230V, 1-ph — 100A 230V, 3-ph — 59A 400V, 3-ph — 35A	230V, 3-ph — 95A 17H174 - Elite 17H074 - standard 400V, 3-ph — 52A 17H176 - Elite 17H076 - standard
‡ Δ	‡ Δ
334945	334945
334946	334946

Build a complete system!

(1) SELECT A SYSTEM

Choose an air, electric or hydraulic model.

KEY FEATURES:

- Optional data reporting capabilities
- Foam models rated at 2000 psi (138 bar, 13.8 MPa)
- Coatings models rated up to 3500 psi (240 bar, 24.0 MPa)

2 SELECT HEATED HOSES

Choose from pressure ratings of 2000 psi or 3500 psi (138 to 240 bar, 13.8 to 24.0 MPa). Choose 3/8 in or 1/2 in ID.

(3) SELECT HEATED WHIP HOSE

Choose from pressure ratings of 2000 psi or 3500 psi (138 to 240 bar, 13.8 to 24.0 MPa). Choose 1/4 in or 3/8 in ID.

(4) SELECT A GUN

Choose an air-purge, mechanical-purge or liquid-purge gun with a round or flat pattern.

SELECT SUPPLY PROCESSING EQUIPMENT

(5) SUPPLY PUMP

Choose from diaphragm or piston pumps for standard materials in drum-mount or wall-mount. Select a 2:1 piston pump for materials with higher viscosities.

6 AGITATOR KITS

Choose a kit to agitate your resin for a consistent coating. Graco's patented Twistork® agitators are very low shear to minimize material frothing.



AMERICAS

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Graco Has You Covered

Facilities Worldwide for Global Support



Quality First

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your application challenges.



Global Reach

Graco has facilities across the globe to provide you with the products and service you need, where you live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



Product Capabilities

Graco has a broad range of products that are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

Contact us today!

Call 877-844-7226 to talk with a Graco representative, or visit www.graco.com for more information.

