



# REACTOR™

H-25, H-XP2

plural-component proportioners

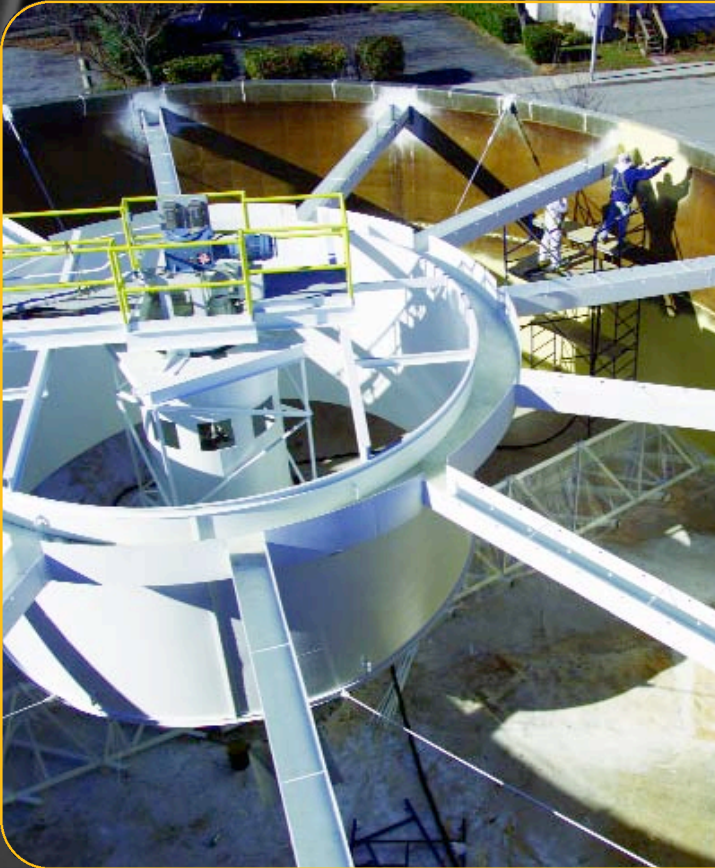


*Entry-level hydraulic proportioning system designed to apply polyurea and foam materials.*



# Hybrid GracoGusmer Hydraulic Proportioners

REACTOR H-25 AND H-XP2



## Raising the Bar for Solid Performance.

Engineered for efficiency, the H-25 and H-XP2 are the ideal entry-level hydraulic proportioners for spraying foam and polyurea materials.

### Typical Applications

#### H-25 for Foam:

- Wall insulation
- Tank and pipe coating
- In-plant OEM
- Adhesives and caulk
- Rim and band joist

#### H-XP2 for Coating:

- Concrete
- Portable water
- Truck bedliners
- Secondary containment
- Waterproofing
- Marine and shipbuilding
- Wastewater treatment

## Advancing the Industry

- ▶ **Lightweight and easy to use**
- ▶ **The Reactor H-25 and H-XP2 combine the proven horizontal Gusmer pump line and Graco technology including digital controls and system diagnostics.**



**Fusion™ AP gun**

air-purge



**Fusion™ MP gun**

mechanical-purge

# The H-25 and H-XP2 expand the Reactor Product Family

More Choices. More Possibilities:

The H-25 and H-XP2 expand the Reactor product family. Both are available in electrically- and hydraulically-driven pumps.

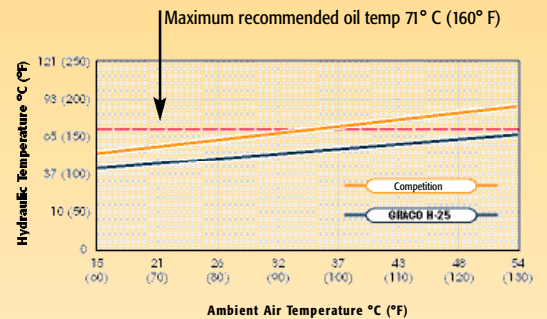
Use these charts below to pick the Reactor system that's right for you.

- 1 Select your spray pressure and flow rate
- 2 Select your mix chamber
- 3 Choose a Reactor model based on where these points intersect



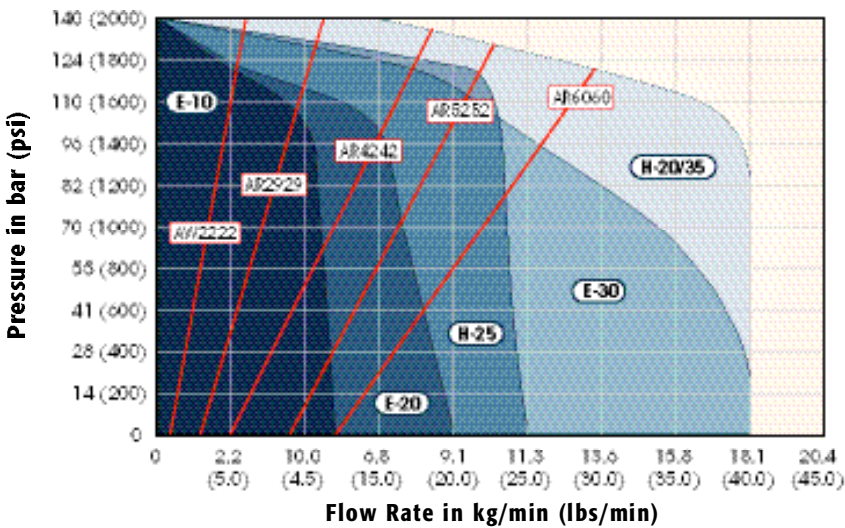
## Lightweight and Efficient Hydraulic System

- Features a revolutionary 5 liter reservoir – 94% less volume and 60 kg (130 lbs) lighter than the competition
- Fan-cooled hydraulic reservoir runs over 20% cooler than traditional technology, while reducing the amount of hydraulic fluid needed



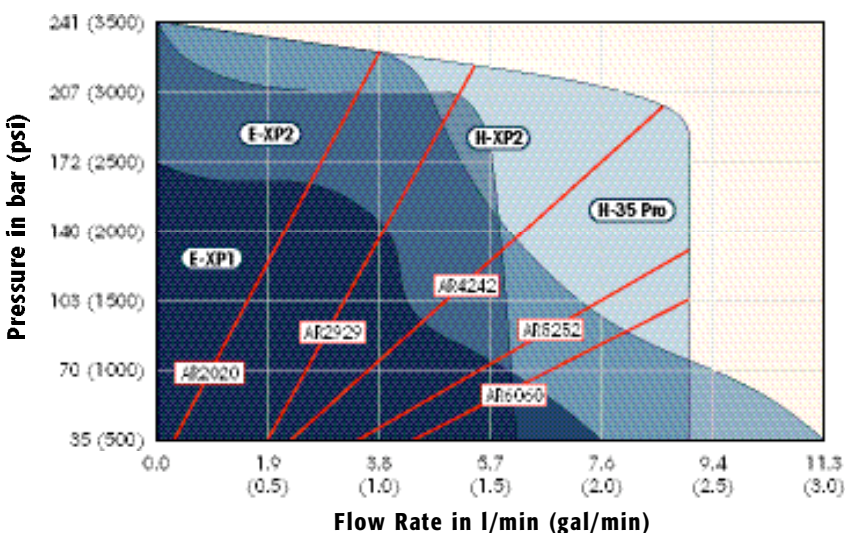
## Foam

### REACTOR FOR FOAM



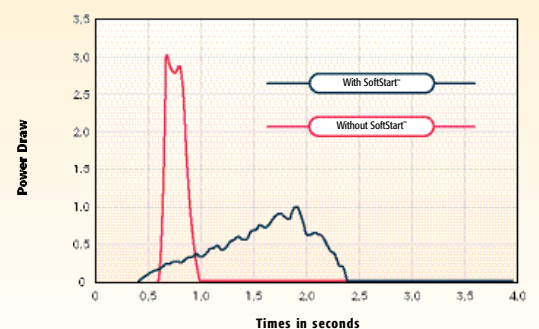
## Coatings

### REACTOR FOR COATINGS



## SoftStart™ Technology

- Requires 1/3 less amp draw than a standard starter
- Reduces wear, extending generator life
- Allows you to downsize your generator



# Quick Reference/Ordering Information

## SPECIFICATIONS H-25

Maximum output ..... 11 kg/min (25 lbs/min)\*  
 Maximum fluid working pressure ..... 140 bar (14 MPa, 2000 psi)  
 Maximum ambient temperature ..... 60° C (140° F)  
 Maximum fluid temperature ..... 88° C (190° F)  
 Maximum heater wattage ..... 15,300 watts  
 Hose length ..... 64 m (210 ft) or 94 m (310 ft)  
 Weight ..... 204 kg (450 lbs)  
 Dimensions ..... 140 H x 101 W x 560 D cm  
 Operation manual ..... 311299  
 Repair manual ..... 311300

## ORDERING INFORMATION

Foam



MAXIMUM HOSE LENGTH		Reactor H-25				
64 m (210 ft)	94 m (310 ft)	KILOWATTS	VOLTS	PHASE	AMPS	
PART NUMBER	PART NUMBER					
253200	253300	8	230	1	63–69	
253201	253301	8	230	3	40–45	
253202	253302	8	380	3	29–35	
253206	253306	15.3	230	1	95–100	
253207	253307	15.3	230	3	58	
253208	253308	15.3	380	3	35	

Maximum working pressure: 140 bar (2000 psi)  
 Maximum output: 11 kg/min (25 lbs/min)\*

## SPECIFICATIONS H-XP2

Maximum output ..... 5.71 kg/min (1.5 lbs/min)\*  
 Maximum fluid working pressure ..... 241 bar (24 MPa, 3500 psi)  
 Maximum ambient temperature ..... 60° C (140° F)  
 Maximum fluid temperature ..... 88° C (190° F)  
 Maximum heater wattage ..... 15,300 watts  
 Hose length ..... 64 m (210 ft) or 94 m (310 ft)  
 Weight ..... 204 kg (450 lbs)  
 Dimensions ..... 140 H x 101 W x 560 D cm  
 Operation manual ..... 311299  
 Repair manual ..... 311300

## ORDERING INFORMATION

Coatings



MAXIMUM HOSE LENGTH		Reactor H-XP2				
64 m (210 ft)	94 m (310 ft)	KILOWATTS	VOLTS	PHASE	AMPS	
PART NUMBER	PART NUMBER					
253203	253303	15.3	230	1	95–100	
253204	253304	15.3	230	3	58	
253205	253305	15.3	380	3	35	

Maximum working pressure: 241 bar (3500 psi)  
 Maximum output: 5.71 kg/min (1.5 gal/min)\*

\* Measured at .60 Hz frequency

## ACCESSORIES

### Hoses

Hoses, 138 bar (2000 psi)

- 246045 1/4 in x 15 m
- 246046 3/8 in x 15 m
- 246074 1/4 in x 15 m, no thermocouple wire
- 246075 3/8 in x 15 m, no thermocouple wire
- 246678 3/8 in x 15 m, with scuffguard
- 246050 1/4 in x 3 m
- 246051 3/8 in x 3 m

Hoses, 241 bar (3500 psi)

- 246052 1/4 in x 15 m
- 246053 3/8 in x 15 m
- 246679 3/8 in x 15 m, with scuffguard
- 246055 1/4 in x 3 m, with scuffguard
- 246056 3/8 in x 3 m, with scuffguard

## REACTOR H-25 AND REACTOR H-XP2

### Guns

Fusion® Air-Purge Guns, round

- 246100 AR2929 (00) mix chamber
- 246101 AR4242 (01) mix chamber
- 246102 AR5252 (02) mix chamber

Fusion Mechanical-Purge Guns, DI flat

- 247065 Fusion MP, flat pattern XF29 29,FTM 4 24
- 247066 Fusion MP, flat pattern XF29 29,FTM 4 38
- 247073 Fusion MP, flat pattern XF3535,FTM 4 38

# Proven Technologies. Proven Results.

The first hybrid GRACOIGUSMER unit on the market -  
get the best of both spray technologies with the Reactor H-25 and H-XP2.

15.3 KW Reactor H-25 model shown

**Remote Mountable Controls**  
Fully digital and easy to use

**Programmable Standby Mode**  
Motor and hydraulic pump  
shut down after a period of  
inactivity, reducing system wear  
and preventing overheating

**New Lightweight Hydraulics**  
A fraction of the weight  
of standard hydraulic units

**Horizontal Pump**  
Allows you to  
reliably spray longer

**User-Defined Pressure  
Imbalance Control**  
Prevents off-ratio conditions  
- offers imbalance detection  
between 7 bar (100 psi) to  
70 bar (999 psi) in 7 bar  
(100 psi) increments

**New Hybrid Heater Design**  
Heats material quickly -  
with up to 15,300 watts  
of heat for improved  
system performance;  
increases first pass heater  
efficiency at higher flow rates

**Optional Data Reporting**  
Allows better record  
keeping by monitoring  
and tracking material usage

**New Troubleshooting  
Y-Strainer**  
Pressure and temperature gauges  
are standard on every unit



## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is among the leading group 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 first-class customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set quality standards 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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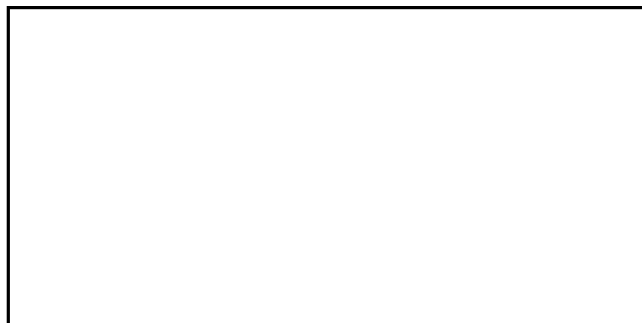
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All data in this document is based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.



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