



GRACO REACTOR APPLICATION:

From entry-level models to high-output systems, there's a Reactor proportioning system that's perfect for your specific application.

Designed with the user in mind, the advanced features in the Reactor system provide the ultimate coating solution.

GRACO Reactor Applications:

- Polyurethane Foam
 - Wall insulation
 - Tank and pipe coating
 - Roof insulation
 - In-plant OEM
 - Rim and band joist

- Polyurea
 - Concrete joint filling
 - Potable water tanks
 - Truck bedliners
 - Adhesives and caulks
 - Marine and shipbuilding
 - Wastewater treatment
 - Secondary containment
 - Waterproofing



GRACO REACTOR SPECIFICATIONS

With GRACO Reactor is a complete Performance, control and accuracy for the ultimate plural-component proportioning solution.

Performance charts

Use these charts to help identify the Reactor that will work most efficiently with each mix chamber. Flow rates are based on a material viscosity of 60 cps. See examples to the right of each chart.

REACTOR FOR FOAM

HOW TO USE THIS CHART

- Select spray pressure
- Select mix chamber
- Choose Reactor model

Note: Lighter shading includes Reactor models shown in darker shaded areas.

EXAMPLES

A Mix chamber: AR7070 (04)

Pressure: 75 bar

Flow rate: 15 kg/min*

Reactor E-30 and H-40

B Mix chamber: AR6060 (03)

Pressure: 85 bar

Flow rate: 10 kg/min*

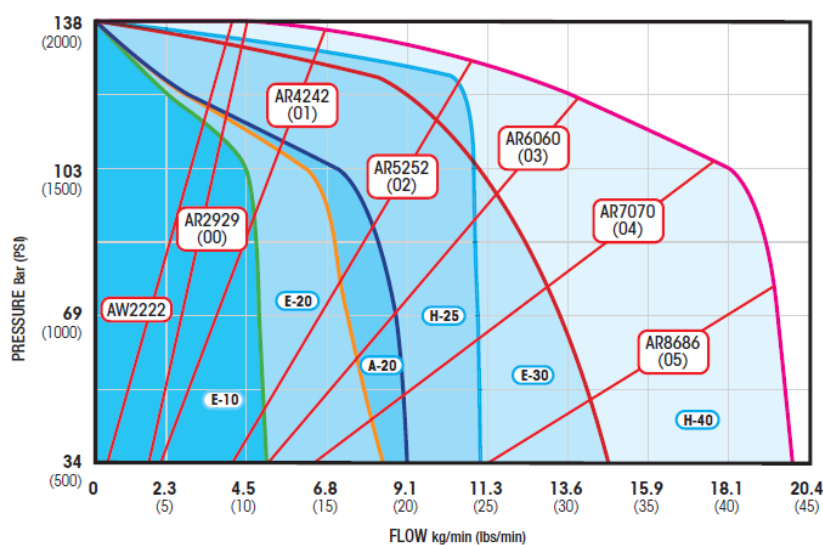
Reactor H-25, E-30, H-40

C Mix chamber: AR5252 (02)

Pressure: 70 bar

Flow rate: 5,5 kg/min*

Reactor A-20, E-20, E-30, H-25, H-40



REACTOR FOR COATINGS

HOW TO USE THIS CHART

- Select spray pressure
- Select mix chamber
- Choose Reactor model

Note: Lighter shading includes Reactor models shown in darker shaded areas.

EXAMPLES

A Mix chamber: AR4242 (01)

Pressure: 140 bar

Flow rate: 6 l/min*

Reactor H-XP3

B Mix chamber: AR2929 (00)

Pressure: 100 bar

Flow rate: 3,4 l/min*

Reactor E-XP1, E-XP2, H-XP2, H-XP3

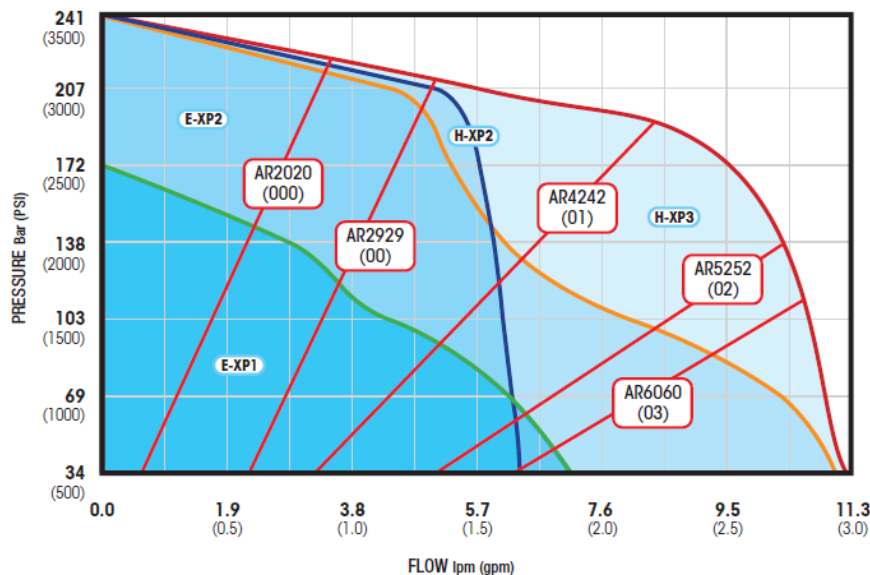
H-XP3

C Mix chamber: AR2020 (000)

Pressure: 190 bar

Flow rate: 3 l/min*

Reactor E-XP2, H-XP2, H-XP3





REACTOR MODEL	E-10	A-20	E-20	E-30	H-25	H-40	E-XP1	E-XP2	H-XP2	H-XP3
FOAM APPLICATIONS										
Patching and prep work	✓									
Window repair	✓									
Wall insulation		✓	✓	✓	✓					
In-plant OEM		✓	✓	✓	✓					
Rim and band joist	✓	✓	✓	✓	✓					
Roof insulation				✓		✓				
High volume residential insulation				✓		✓				
High volume in-plant OEM					✓	✓				
Tank and pipe insulation		✓	✓	✓	✓					
COATINGS APPLICATIONS										
Concrete joint filling and floor applications	✓						✓			
Small tank spraying	✓						✓			
Concrete							✓	✓	✓	✓
Potable water tanks						✓	✓	✓	✓	
Truck bedliners							✓	✓	✓	✓
Marine and shipbuilding							✓	✓	✓	✓
Wastewater treatment							✓	✓	✓	✓
Secondary containment							✓	✓	✓	✓
Waterproofing							✓	✓	✓	✓

GRACO REACTOR BENEFITS:

Engineered for Performance

- Easy-to-use, easy-to-learn system controls reduce training time and increase productivity
- Digital controls, system diagnostics and auto shutdown features prevent crossovers

Maximize spray time

- Fewer parts and modular design minimize costs and time spent on maintenance
- Quick knock down fluid sections in the Reactor streamline maintenance and service
- Fusion gun has fewer parts, is easy to clean and is proven a highly dependable gun

Digital User Interface

Separate temperature and motor controls allow you to quickly set, maintain and monitor machine performance. Results in better quality of sprayed material.

NEW Circulation Valves

Designed to reduce isocyanate crystallization while offering more controlled pressure balancing

NEW Hose Control

Reliable and accurate hose connection system. Flexible fluid temperature sensor allows you to monitor and control temperature closer to the gun.

NEW Troubleshooting Y-Strainer

Analog temperature and pressure gauges are standard.

Optional Data Recording

Record and compare actual temperatures and pressures of sprayed materials for critical applications.

NEW Electronic Platform

Circuit board is divided into easy-to-replace modules that simplify troubleshooting and maintenance, maximizing spray time.










GRACO Reactor proportions are available with air, electric or hydraulic pumps. Each system has its own unique benefits:

- AIR-DRIVEN
 - Entry-level proportioning system
 - Low-output applications
 - Easy to use
 - Minimal system feedback for operator
- ELECTRIC
 - The most popular proportioning system
 - High value for great performance
 - Mid- to high-output applications
 - Provides operator with material data and system diagnostics for total control
- HYDRAULIC
 - Top of the line system for high-production professionals
 - Highest value for the greatest performance
 - High-output applications
 - Ideal for in-plant OEMs
 - Provides superior, uninterrupted performance
 - Provides operator with material data and system diagnostics for total control



GRACO REACTOR PRODUCTS:





REACTOR FOR FOAM

	Air-Driven (A-Series)	Electric (E-Series)		Hydraulic (H-Series)	
Model	REACTOR A-20	REACTOR E-20	REACTOR E-30	REACTOR H-25	REACTOR H-40
					
	REACTOR A-20	REACTOR E-20	REACTOR E-30	REACTOR H-25	REACTOR H-40
Max Working Pressure	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,2000 psi)	138 bar (13,8 MPa,2000 psi)
Max Hose Length	64m (210 ft)	64m (210 ft)	94 m (310 ft)	94 m (310 ft)	125m (410 ft)
Output	9 kg/min (20 lb/min)	8.1 kg/min (18 lb/min)	15.3 kg/min (34 lb/min)	11.3 kg/min (25 lb/min)* 9.5 kg (21 lbs)+	20 kg/min (45 lb/min)* 17 kg (38 lbs)+
Air Consumption @ 7 bar	740 l/min	Does not apply	Does not apply	Does not apply	Does not apply
Heater	6,000 watts	6,000 watts	10,200 watts	8,000 watts	12,000 watts,



Wattage				15,300 watts	15,300 watts 20,400 watts
Weight	114 kg	155 kg	181 kg	8 kW (243 kg) 15 kW (255 kg)	271 kg
Ordering Information	With 6.0 kW heater: 39A–230V, 1-ph 253834 (Package+) 253831 (Bare) 32A–230V, 3-ph 253834 (Package+) 253831 (Bare) 18,5A–400V 3-ph 253834 (Package+) 253831 (Bare)	With 6.0 kW heater: 48A–230V, 1-ph 259718 (Package+) 259025 (Bare) 32A–230V, 3-ph 259720 (Package+) 259034 (Bare) 24A–400V, 3-ph 259719 (Package+) 259030 (Bare)	With 10.2 kW heater: 78A–230V, 1-ph 259721 (Package+) 259026 (Bare) 50A–230V, 3-ph 259723 (Package+) 259035 (Bare) 34A–400V, 3-ph 259722 (Package+) 259031 (Bare) With 15.3 kW heater: 100A–230V, 1-ph 259733 (Package+) 259057 (Bare) 62A–230V, 3-ph 259735 (Package+) 259058 (Bare) 35A–400V, 3-ph 259734 (Package+) 259059 (Bare)	With 8.0 kW heater: 69A–230V, 1-ph 255010 (Package+) 255400 (Bare) 46A–230V, 3-ph 255011 (Package+) 255401 (Bare) 35A–400V, 3-ph 255012 (Package+) 255402 (Bare) With 15.3 kW heater: 100A–230V, 1-ph 255016 (Package+) 255406 (Bare) 59A–230V, 3-ph 255017 (Package+) 255407 (Bare) 35A–400V, 3-ph 255018 (Package+)	With 12.0 kW heater: 100A–230V, 1-ph 255000 (Package+) 253400 (Bare) With 15.3 kW heater: 71A–230V, 3-ph 255001 (Package+) 253401 (Bare) 41A–400V, 3-ph 255002 (Package+) 253402 (Bare) With 20.4 kW heater: 90A–230V, 3-ph 255007 (Package+) 253407 (Bare) 52A–400V, 3-ph 255008 (Package+) 253408 (Bare)
Operation manual	311511	312065	312065	312062	312062
Repair manual	311512	312066	312066	312063	312063

REACTOR FOR COATINGS

Model	Electric (E-Series)		Hydraulic (H-Series)	
	REACTOR E-XP1	REACTOR E-XP2	REACTOR H-XP2	REACTOR H-XP3
				
	REACTOR E-XP1	REACTOR E-XP2	REACTOR H-XP2	REACTOR H-XP3
Max Working Pressure	172 bar (17.2 MPa, 2500 psi)	240 bar (24.0 MPa, 3500 psi)	240 bar (24.0 MPa, 3500 psi)	240 bar (24.0 MPa, 3500 psi)
Max Hose Length	64 m (210 ft)	94 m (310 ft)	94m (310 ft)	125m (410 ft)
Output	3.8 lpm (1.0 gpm)	7.6 lpm (2.0 gpm)	5.7 lpm (1.5 gpm)*	9.5 lpm (2.5 gpm)*
Air Consumption @ 7 bar	Does not apply	Does not apply	4.8 l/min +	8.0 l/min +
Heater Wattage	10,200 watts	15,300 watts	Does not apply	Does not apply
Weight	155 kg	198 kg	15,300 watts	20,400 watts



Ordering Information	With 10.2 kW heater: 69A–230V, 1-ph 259706 (Package†) 259024 (Bare) 43A–230V 3-ph 259708 (Package†) 259033 (Bare) 24A–400V 3-ph 259707 (Package†) 259029 (Bare))	With 15.3 kW heater: 100A–230V, 1-ph 259709 (Package†) 259028 (Bare) 62A–230V, 3-ph 259711 (Package†) 259036 (Bare) 35A–400V, 3-ph 259710 (Package†) 259032 (Bare)	With 15.3 kW heater: 100A–230V, 1-ph 255013 (Package†) 255403 (Bare) 62A–230V, 3-ph 255014 (Package†) 255404 (Bare) 35A–400V, 3-ph 255015 (Package†) 255405 (Bare)	With 20.4 kW heater: 90A–230V, 3-ph 255004 (Package†) 253404 (Bare) 52A–400V, 3-ph 255005 (Package†) 253405 (Bare)
Operation manual	312065	312065	312062	312062
Repair manual	312066	312066	312063	312063

†Package includes: 15m (50 ft) heated hose, 3m (10 ft) heated whip hose and Air-Purge Fusion Gun.

* = measured at 60 Hz

+ = measured at 50 Hz