



PROMIX™ EASY

Easy-to-use and affordable proportioning system offering exceptional ratio assurance



FINISHING

PROVEN QUALITY. LEADING TECHNOLOGY.

Exceptional Finish Quality



Simple and Flexible Proportioning at an Affordable Price!

The ProMix™ Easy offers ease-of-use combined with the on-ratio assurance you've come to expect from other Graco proportioning systems.

Available in both pump and metered versions for all spray technologies, ProMix Easy is designed for single color, two component, in-booth applications.

Features and Benefits

- Designed for most materials including moisture sensitive ISO
- Circulation system keeps solids in suspension
- Advanced reporting system monitors production
- Intrinsically-safe controller allows for easy integration into hazardous environments
- Proven patented mixing technology
- Handles flow rates as low as 20 cc/min and ratios up to 30:1

PROMIX EASY

Save Money While Reducing Waste!

- ▶ Do you know the true cost of wasted material when you hand mix?
- ▶ How sure are you that your mechanical proportioner is on ratio?

KEY MATERIALS

- Urethanes
 - Solventbornes
 - Waterbornes
 - Isocyanates
 - High solids
- Epoxies
 - Solventbornes
 - Waterbornes
 - High solids
- Acid-catalyzed varnish

KEY INDUSTRIES

- General metal
- Wood and furniture
- Farm and construction
- Truck and bus
- Aerospace
- Electronics



Easy-to-Use and Operate!

Stay on-ratio with the ProMix Easy electronic proportioning system and benefit from substantial cost and material savings. Perfect for mixing most two-component solventborne and waterborne epoxies, polyurethanes and acid-catalyzed varnishes, this meter- or pump-based system is simply an easier way to mix!

User-friendly controls make this the easiest unit to operate in the market

Intrinsically-safe design means pumps and controls only require air to operate



Offered in four pump versions for use in all spray technologies

Patented mixing technology provides superior quality

Shutdown and alarm features prevent spraying off-ratio



CONTROL

FIVE SIMPLE STEPS TO SET UP AND SPRAY!

- 1 Turn on air supply
- 2 PRIME system
- 3 Turn selector to SPRAY
- 4 Set desired ratio
- 5 Press the green start button

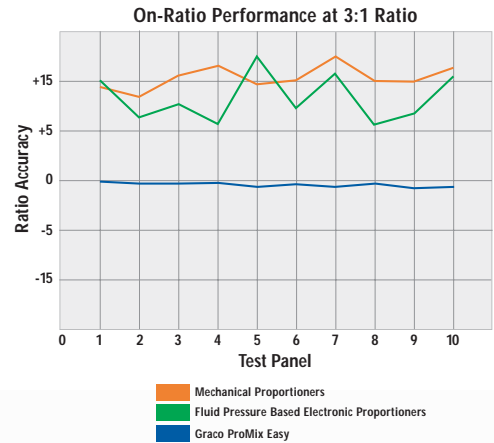
YOU'RE READY TO SPRAY!

Simple and Accurate Ratio Assurance

On-Ratio Performance

Automatically maintain the mixing ratio within predefined tolerance limits, down to $\pm 1\%$ with the meter version and $\pm 5\%$ with the pump version. If exceeded, the system will stop production, preventing any off-ratio material from reaching your product, virtually eliminating expensive re-work.

The ProMix Easy allows you to spray with confidence by staying on-ratio when competitors cannot.



FLUID MANIFOLD

Benefit from the new ProMix Easy fluid manifold design! It offers a 20% reduction in solvent flushing vs. standard integrator mixing systems. Valves have been redesigned for quicker response and improved efficiency. The flexible manifold design allows you to run single or multiple pumps and meters.

Choose from Graco's Complete Line of ProMix Easy Proportioners



PROMIX EASY
METER-BASED SYSTEM



PROMIX EASY
AIR SPRAY 2.5:1



PROMIX EASY
AIR-ASSIST 24:1 AND 34:1
OR AIRLESS 47:1

Return-On-Investment

Compare and Save!

With a user-friendly controller and advanced potlife controls, ProMix Easy proportioning system offers substantial cost and material savings.

If you're currently hand mixing or using a mechanical proportioner, you may be spending more than you should on wasted material, extra labor and off-ratio re-work costs. The Graco ProMix Easy reduces these expenses and provides a quick ROI.

RETURN-ON-INVESTMENT (ROI) EXAMPLE

Use this exclusive return-on-investment tool to see how much you can save annually by converting from hand mixing or conventional mechanical proportioning methods to Graco's ProMix Easy.

ROI Information	Current Method	ProMix Easy	Your Estimate
Material Cost per Gallon			
Price per gallon/liter	\$100	\$100	A
Price per gallon/liter of flushing solvent	\$10	\$10	B
Number of days per year	250	250	C
Labor rate per hour	\$30	\$30	D
Material Usage			
Number of batches/color changes per day	3	3	E
Unused paint per batch	0.5 gal	0.05 gal	F
Solvent used per batch	1.0 gal	0.25 gal	G
Preparation and cleanup time per batch	0.5 hr	0.05 hr	H
Analysis			
Total annual cost of wasted paint ($A \times F \times C \times E$)	\$37,500	\$3,750	I
Total annual cost of wasted solvent ($B \times G \times C$)	\$2,500	\$625	J
Total annual labor cost ($H \times E \times C \times D$)	\$11,250	\$1,125	K
Total Cost ($I + J + K$)	\$51,250	\$5,500	
Payback			
Average cost of ProMix Easy		\$10,000	L
Total Annual ProMix Easy Savings		\$51,250 – \$5,500 = \$45,750	M
Payback [(L/M) x 12 months]		2.6 months	

Selecting Your ProMix Easy

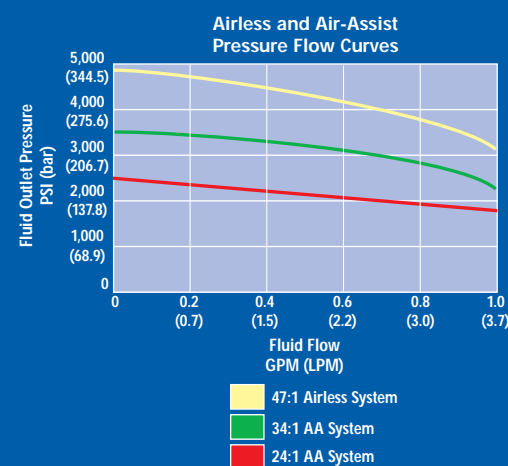
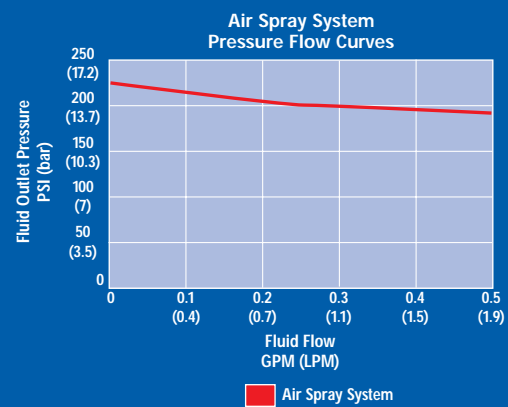
Available in both pump and metered versions, the ProMix Easy provides precise and reliable electronic proportioning for all spray technologies. Use the pressure flow curves below to determine which ProMix Easy is right for you.

HOW TO USE THESE CHARTS:

Step 1: Locate the required fluid flow along the bottom axis of the chart.

Step 2: Follow vertical line until it intersects with the solid curve.

Step 3: Follow curve to left axis to determine fluid outlet pressure.



Technical Specifications

Mix ratio range	
For pump system	0.1:1-10:1 (in 0.1 increments)
For meter system	0.1:1-30:1 (in 0.1 increments)
Ratio tolerance range	
For pump system	up to ±5%
For meter system	up to ±1%
Flow rates	
Minimum	0.02 qt/min (0.02 liter/min)*
Maximum	3/4 gal/min ³ (2.8 liter/min ³)
Pump size	
UltraMix	54 cc/cycle
HydraMix	92 cc/cycle
Pump cycle length	
UltraMix	6 in (152 mm)/cycle
HydraMix	7.6 in (193 mm)/cycle
Fluid viscosity range	50-20,000 cps (heavier viscosities can be mixed with use of optional heaters, heated hoses, and hardware)
Fluid filtration	60 mesh (238 micron) recommended
Maximum fluid working pressure	
2.5:1	250 psi (1.7 MPa, 17 bar)
24:1	2400 psi (16 MPa, 166 bar)
34:1	3400 psi (23 MPa, 234 bar)
47:1	4700 psi (32 MPa, 324 bar)
Meter-based systems	4000 psi (28 MPa, 280 bar)
Air supply pressure range	60-110 psi (413-800 kPa, 4-8 bar)
Maximum air consumption at 100 psi (0.7 MPa, 7 bar) in cfm (m ³ /min)	
2.5:1 UltraMix	10.8 scfm at 1 gpm (0.30 m ³ /min at 3.8 lpm)
24:1 HydraMix	40.5 scfm at 1 gpm (1.13 m ³ /min at 3.8 lpm)
34:1 HydraMix	54.7 scfm at 1 gpm (1.53 m ³ /min at 3.8 lpm)
47:1 HydraMix	63.0 scfm at 1 gpm (1.76 m ³ /min at 3.8 lpm)
Ambient temperature range	
Operating	32 to 104°F (0 to 40°C)
Storage	30 to 160°F (-1 to 71°C)
External power supply requirements	85-250 Vac, 50/60 Hz, 2 amps maximum draw 15 amp maximum circuit breaker required 8 to 14 AWG power supply wire gauge
Environmental conditions rating	indoor/outdoor
Altitude	up to 4000 meters
Maximum relative humidity	99% up to 40°C
Pollution degree	(1)
Installation category	(2)
Sound pressure	98 dBA at 100 psi (0.7 MPa, 7 bar)
Wetted parts	
Pumps	carbon steel, alloy steel, 303, 440 & 17-4PH grades stainless steel, zinc and nickel plating, ductile iron, tungsten carbide, PTFE, leather
Dispense Valves	carbon steel, zinc plating, carbide, polyethylene, leather
Manifold	carbon steel, zinc plating, carbide, 302 stainless steel
Mixer	stainless steel
PC Communications	RS-232

* Minimum flow rate is dependent on the material being sprayed and mixing capability. Test your material for specific flow rate.

Ordering Information

Proportioners Used in Air Spray Applications

Approved for Hazardous Locations

234596	Cart Mount, UltraMix™ Carbon Steel Pumps, 25 ft Hose and Delta Air Spray Gun, 250 psi (17 bar, 1.7 MPa)
234618	Wall Mount, G3000 Meter, Carbon Steel Mix Manifold 4000 psi (275 bar, 27.5 bar)
234619	Wall Mount, G3000 Meter, Stainless Steel Mix Manifold 4000 psi (275 bar, 27.5 bar)
234599	Wall Mount, UltraMix Carbon Steel Pumps 250 psi (17 bar, 1.7 MPa)
234601	Wall Mount, UltraMix Stainless Steel Pumps 250 psi (17 bar, 1.7 MPa)
234597	Wall Mount, UltraMix Carbon Steel Pump/G3000 Meter 250 psi (17 bar, 1.7 MPa)
234598	Wall Mount, UltraMix Stainless Steel Pump/G3000 Meter 250 psi (17 bar, 1.7 MPa)

Proportioners Used in Air Assist Applications

Approved for Hazardous Locations

234606	Wall Mount, HydraMix 500 Carbon Steel Pumps 2400 psi (165 bar, 16.5 MPa)
234608	Wall Mount, HydraMix 500 Stainless Steel Pumps 2400 psi (165 bar, 16.5 MPa)
234603	Wall Mount, HydraMix 500 Stainless Steel Pump/G3000 Meter 2400 psi (165 bar, 16.5 MPa)
234602	Wall Mount, HydraMix™ 500 Carbon Steel Pump/G3000 Meter 2400 psi (165 bar, 16.5 MPa)
234609	Wall Mount, HydraMix 600 Carbon Steel Pumps 3400 psi (234 bar, 23 MPa)
234611	Wall Mount, HydraMix 600 Stainless Steel Pumps 3400 psi (234 bar, 23 MPa)
234604	Wall Mount, HydraMix 600 Carbon Steel Pump/G3000 Meter 3400 psi (234 bar, 23 MPa)
234605	Wall Mount, HydraMix 600 Stainless Steel Pump/G3000 Meter 3400 psi (234 bar, 23 MPa)
234618	Wall Mount, G3000 Meter, Carbon Steel Mix Manifold 4000 (275 bar, 27.5 MPa)
234619	Wall Mount, G3000 Meter, Stainless Steel Mix Manifold 4000 (275 bar, 27.5 MPa)

Proportioners Used in Airless Applications

Approved for Hazardous Locations

234612	Wall Mount, HydraMix 700 Carbon Steel Pumps 4700 (324 bar, 32 MPa)
234613	Wall Mount, HydraMix 700 Stainless Steel Pumps 4700 (324 bar, 32 MPa)

Approved for Non-Hazardous Location

234600	Wall Mount, UltraMix Carbon Steel Pumps 250 psi (17 bar, 1.7 MPa)
234825	Wall Mount, UltraMix Stainless Steel Pumps 250 psi (17 bar, 1.7 MPa)
234607	Wall Mount, HydraMix 500 Carbon Steel Pumps 2400 psi (165 bar, 16.5 MPa)
234826	Wall Mount, HydraMix 500 Stainless Steel Pumps 2400 psi (165 bar, 16.5 MPa)
234610	Wall Mount, HydraMix 600 Carbon Steel Pumps 3400 psi (234 bar, 23 MPa)
234827	Wall Mount, HydraMix 600 Stainless Steel Pumps 3400 psi (234 bar, 23 MPa)

Key System Components

207484	Siphon Hose Assembly for UltraMix and HydraMix Pumps
202966	Adapter Fitting for the Siphon Hose Assembly on HydraMix Pump
248587	Gun Air Regulator Kit, Meter Air Spray System
248588	Gun Air Regulator Kit, Pump Air Spray System
214706	Spring Operator Stainless Steel Fluid Regulator with Gauge
222121	Spring Operator Stainless Steel Fluid Regulator
238782	Stainless Steel Fluid Filter
248652	Circulation Kit, Stainless Steel, Solenoid and Tubing for A or B pump
248400	Stand Kit
248401	Caster Kit
248403	Reporting Kit IS Software and cable
248404	Reporting Kit Non IS Software and cable
248224	2.5 Gal ISO Supply Kit, Sealant
248225	5 Gal ISO Supply Kit Sealant
248432	Pressure Feed Kit for ISO Supply Hose
248427	TSL Pump Kit Hydramix
248583	TSL Pump Kit Ultramix
248398	Non IS-AC Power Supply Kit
234026	Gun Manifold for two guns

Repair Kit

223688	Turbine Bearing Repair Kit
248397	Remote Manifold Kit
248444	Stainless Steel Fluid Manifold O-Ring Kit
248445	Carbon Steel Fluid Manifold O-Ring Kit
245145	O-Ring Repair Kit
248429	Dose Valve Repair Kit
248431	Integrator Packings Kit
248430	Fluid Manifold Repair Kit
118822	Static Mixer (two elements required)
248441	Tuff Stack Packings for HydraMix 500, 600 and 700 Pumps
248442	Tuff Stack Repair Kit for HydraMix 500, 600 and 700 Pumps
248437	UltraMix Packing Kit
248438	HydraMix Packing Kit
248570	UltraMix Carbon Steel Pump Kit with Sensor
248571	UltraMix Stainless Steel Pump Kit with Sensor
248572	HydraMix 500 Carbon Steel Pump Kit with Sensor
248573	HydraMix 500 Stainless Steel Pump Kit with Sensor
248574	HydraMix 600 Carbon Steel Pump Kit with Sensor
248575	HydraMix 600 Stainless Steel Pump Kit with Sensor
248576	HydraMix 700 Carbon Steel Pump Kit with Sensor
248577	HydraMix 700 Stainless Steel Pump Kit with Sensor

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 which 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.

GRACO HEADQUARTERS

AMERICAS

MINNESOTA
Worldwide Headquarters
Graco Inc.
88-11th Avenue N.E.
Minneapolis, MN 55413

MAILING ADDRESS
P.O. Box 1441
Minneapolis, MN 55440-1441
Tel 612 623-6000
Fax 612 623-6777

EUROPE

BELGIUM
European Headquarters
Graco N.V.
Industrieterrein - Oude Bunders
Slakweidestraat 31
3630 Maasmechelen, Belgium
Tel 32 89 770 700
Fax 32 89 770 777

ASIA PACIFIC

JAPAN
Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City, Japan 2240025
Tel 81 45 593 7300
Fax 81 45 593 7301

CHINA
Graco Hong Kong Ltd.
Representative Office
Room 118 1st Floor
No. 2 Xin Yuan Building
No. 509 Cao Bao Road
Shanghai, P.R.China 200233
Tel 86 21 649 50088
Fax 86 21 649 50077

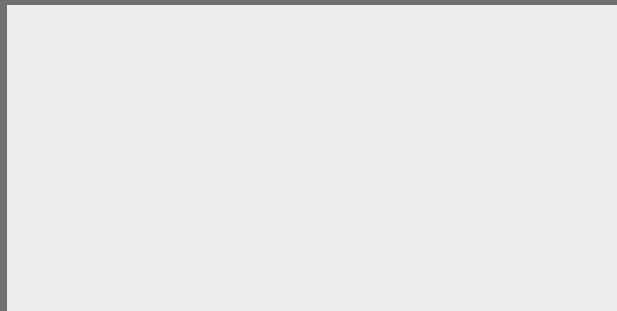
KOREA
Graco Korea Inc.
Choheung Bank Bldg, 4th Floor
#1599, Gwanyang-Dong, Dongan-Ku
Anyang-Si, Gyunggi-Do, Korea
431-060
Tel 82 31 476 9400
Fax 82 31 476 9801

Call today for product information or to request a demonstration.

1.877.84GRACO (1-877-844-7226) or visit us at www.graco.com.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

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Sales/Distribution/Service North America

Industrial Customer Service
800-328-0211
FAX 877-340-6427
Industrial Product Information/Demonstration
1-877-84GRACO (1-877-844-7226)
FAX 612-378-3597

GRACO INC.
P.O. Box 1441
Minneapolis, MN 55440-1441

