



# Quick-Set Proportioning

Xtreme Mix™ and HydraCat® Spraying Systems



**Apply the newest hybrid coatings with cure rates from one to 15 minutes**

- Configured packages specifically designed for the newest materials
- Maintain consistent ratios with superior remote mixing
- Minimize solvent usage
- Spray up to 7250 psi (500 bar)
- Electronic and mechanical ratio control

PROVEN QUALITY. LEADING TECHNOLOGY.

# The Right Sprayer for the Right Material

Take advantage of the newest hybrid materials with the right plural-component spraying equipment from Graco®. With the Xtreme Mix and HydraCat proportioners, you can handle

materials with cure rates as low as one minute. Spray hybrid polyurethanes, epoxies and plural-component materials at any ratio, from 1:1 to 10:1.

## QUICK-SET SYSTEM



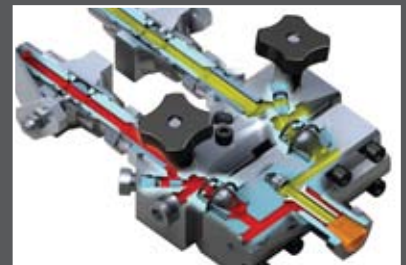
### Viscon® HP Fluid Heater

- Stainless steel design
- Pressure rating of 7250 psi (500 bar, 50 MPa)
- Increased heating capacity and temperature control
- 7/16 in (11 mm) diameter fluid passages



### Remote Manifold

- Superior mix quality
- Increased productivity with less maintenance
- Longer life components for reduced maintenance



# Selecting the Right Proportioning System

## STEP ONE: Proportioning

- 1** Choose either a Graco Xtreme Mix or King HydraCat Proportioner

### XTREME MIX

Electronic proportioning  
On-demand, selectable ratio proportioning, from 1:1 - 10:1  
Data reporting capability  
Portable

### HYDRACAT

Mechanical proportioning  
Fixed ratio proportioning in 1:1, 2:1, 3:1 and 4:1 configurations  
–  
Stationary

### TECHNICAL SPECIFICATIONS

	XTREME MIX	HYDRACAT
Air Supply Pressure Range	50 to 110 psi	50 to 110 psi
Maximum Air Consumption with 100 psi (7 bar, 0.7 MPa) @ 40 cpm	Xtreme Mix 290-500 135 scfm Xtreme Mix 185 63 scfm	110 scfm
Wetted Components	Plated carbon steel, stainless steel, tungsten carbide	Plated carbon steel, stainless steel, tungsten carbide
Weight	Xtreme Mix 290-500 625 lbs (284 kgs) Xtreme Mix 185 – unheated 240 lbs (113 kgs)	183 lbs (83 kgs) Stand-Mount
Sound Pressure 100 psi (7 bar, 0.7 MPa)	98 dB(A)	88.2 dB(A)

## STEP TWO: Supply Processing

Equipment:

- 2** **SUPPLY PUMP SYSTEM**  
Transfers material from your bulk supply
- 3** **AGITATOR KIT**  
Agitates your resin for consistent coating
- 4** **SOLVENT FLUSH KIT**  
Used for fast clean-up

## STEP THREE: Supply Processing

Equipment:

- 5** **HEATED HOSE CONTROLLER**  
Digitally controls the hose processing temperature
- 6** **VISCON HP FLUID HEATER**  
Raises your material temperature to its optimum range
- 7** **HEATED HOSE AND BAND HEATERS**  
Maintain the temperature to the gun

## STEP FOUR: Mixing and Atomizing

Equipment:

- 8** **REMOTE MIX MANIFOLD**  
Controls the ratio for a proper mix when using extremely fast-curing materials
- 9** **STATIC MIXING**  
Blends mixed materials
- 10** **AIRLESS GUNS**  
Uses variety of quality Graco airless spray guns, including XTR™ and Flex Plus™ Gun

# Ordering Information

## Proportioners

### King® HydraCat Pumps and Proportioners

King 1:1, 68:1, 5000 psi (345 bar, 34.5 MPa), 1.8 gpm (6.8 lpm)

**234921** Bare; includes air motor with HydraCat lowers

**234931** Stand-mount; includes bare unit, stand, outlet manifold and air regulator

**234991** Wall-mount; includes bare unit, wall bracket, outlet manifold and air regulator

King 2:1, 46:1, 4600 psi (317 bar, 31.7 MPa), 2.7 gpm (10 lpm)

**234922** Bare; includes air motor with HydraCat lowers

**234932** Stand-mount; includes bare unit, stand, outlet manifold and air regulator

**234992** Wall-mount; includes bare unit, wall bracket, outlet manifold and air regulator

King 3:1 bare, 50:1, 5000 psi (345 bar, 34.5 MPa), 2.4 gpm (9.0 lpm)

**234923** Bare; includes air motor with HydraCat lowers

**234933** Stand-mount; includes bare unit, stand, outlet manifold and air regulator

**234993** Wall-mount; includes bare unit, wall bracket, outlet manifold and air regulator

King 4:1 bare, 54:1, 5000 (345 bar, 34.5 MPa), 2.3 gpm (8.7 lpm)

**234924** Bare; includes air motor with HydraCat lowers

**234934** Stand-mount; includes bare unit, stand, outlet manifold and air regulator

**234994** Wall-mount; includes bare unit, wall bracket, outlet manifold and air regulator



### Xtreme Mix Quick-Set Proportioners

No hoppers, hose or gun, with flow-through manifold.\*

**248842** Xtreme Mix 360, standard motor, 68:1, 39 gpm (14.8 lpm)

### Other Xtreme Mix Proportioners

All units include hoppers, 50 ft (15.3 m) hose, 6 ft (1.8 m) whip hose and XTR spray gun. All gallons per minute displayed at 40 cpm @ 1:1 ratio.

### Hazardous Location Proportioners

**233855** Xtreme Mix 500, standard motor, 45:1, 5.3 gpm (20.1 lpm)

**233859** Xtreme Mix 500, quiet motor, 45:1, 5.3 gpm (20.1 lpm)

**233856** Xtreme Mix 440, standard motor, 56:1, 4.5 gpm (17 lpm)

**233860** Xtreme Mix 440, quiet motor, 56:1, 4.5 gpm (17 lpm)

**233857** Xtreme Mix 360, standard motor, 68:1, 3.9 gpm (14.8 lpm)

**233861** Xtreme Mix 360, quiet motor, 68:1, 3.9 gpm (14.8 lpm)

**233858** Xtreme Mix 290, standard motor, 80:1, 3.1 gpm (11.7 lpm)

**233862** Xtreme Mix 290, quiet motor, 80:1, 3.1 gpm (11.7 lpm)

**234616** Xtreme Mix 185, 47:1, 1 gpm (4 lpm)

**234838** Xtreme Mix 185, with (2) VISCON HP (240V) heaters, 47:1, 1 gpm (4 lpm)

**234840** Xtreme Mix 185 with (2) VISCON HP (480V) heaters, 47:1, 1 gpm (4 lpm)

### Non-Hazardous Location Proportioners

**233863** Xtreme Mix 500, standard motor, 45:1, 5.3 gpm (20.1 lpm)

**233867** Xtreme Mix 500, quiet motor, 45:1, 5.3 gpm (20.1 lpm)

**233864** Xtreme Mix 440, standard motor, 56:1, 4.5 gpm (17 lpm)

**233868** Xtreme Mix 440, quiet motor, 56:1, 4.5 gpm (17 lpm)

**233865** Xtreme Mix 360, standard motor, 68:1, 3.9 gpm (14.8 lpm)

**233869** Xtreme Mix 360, quiet motor, 68:1, 3.9 gpm (14.8 lpm)

**233866** Xtreme Mix 290, standard motor, 80:1, 3.1 gpm (11.7 lpm)

**233870** Xtreme Mix 290, quiet motor, 80:1, 3.1 gpm (11.7 lpm)

**234617** Xtreme Mix 185, 47:1, 1 gpm (4 lpm)

**234839** Xtreme Mix 185 with (2) VISCON HP (240V) heaters, 47:1, 1 gpm (4 lpm)

**234841** Xtreme Mix 185 with (2) VISCON HP (480V) heaters, 47:1, 1 gpm (4 lpm)

### Wall mount units, no hoppers

**234614** Xtreme Mix 185, hazardous locations, 47:1, 1 gpm (4.0 lpm)

**234615** Xtreme Mix 185, non-hazardous locations, 47:1, 1 gpm (4.0 lpm)

\* Requires remote mix manifold (purchased separately).



## Complete Proportioning Systems

	Step 1 PROPORTIONERS	Step 2 SUPPLY PROCESSING	Step 3 TEMPERATURE CONTROLLING	Step 4 MIXING AND ATOMIZING
<b>248835*</b> King HydraCat 2:1	234932	(2) 248825 (1) 248826 (1) 248824	(1) 248921 (1) 248926 (1) 248907 (2) 15F028	(1) 248923 (1) 248925 (1) 248844
<b>248836*</b> King HydraCat 3:1	234933	(2) 248825 (1) 248826 (1) 248824	(1) 248921 (1) 248926 (1) 248907 (2) 15F028	(1) 248923 (1) 248925 (1) 248844
<b>248841*</b> Xtreme Mix 360	248842	(2) 248825 (1) 248826 (1) 248824	(1) 248921 (1) 248926 (1) 248907 (2) 15F028	(1) 248923 (1) 248925 (1) 248844

\* includes all part numbers listed

## Supply Processing Equipment

### Supply Pump Kit

**248825** Monark® 5:1, with 10 ft (3.0 m) hose, regulator kit

### Agitator Kit

**248824** Twistork® with air connection

### Solvent Supply Kits

**258980** Merkur™ 48:1, with 50 ft (15.3 m) hose

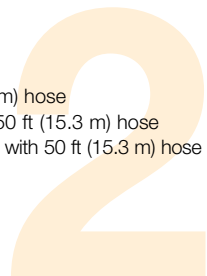
**248885** Monark 23:1 pail-mount, with 50 ft (15.3 m) hose

**248826** Monark 23:1 wall or cart mount, with 50 ft (15.3 m) hose

### Fluid Filtration

**248970** 3/4 in (19 mm) inlet strainer

**249024** 1 in (25 mm) inlet strainer



# Ordering Information

## Temperature Controlling Equipment

### Heated Hose Controller

**248921** Hose heat control box. 1 zone, 230 VAC, 15 amps.  
Controls up to 200 ft (61 m) of dual hose.

### Heated Hose - 5000 psi (345 bar, 34.5 MPa), 50 ft (15 m)

**15E750** Hose A, ID 1/4 (6.3 mm)  
**15E751** Hose A, ID 3/8 (9.5 mm)  
**15E752** Hose B, ID 3/8 (9.5 mm)  
**248907** Hose Set, ID 1/4(A) x 3/8(B) (6.3 x 9.5 mm)  
**248908** Hose Set, ID 3/8(A) x 3/8(B) (9.5 x 9.5 mm)

### Heated Hose Set - 3500 psi (241 bar, 24.1 MPa)

**246052** 1/4 in x 50 ft (6.3 mm x 15 m)  
**246053** 3/8 in x 50 ft (9.5 mm x 15 m)  
**246054** 1/2 in x 50 ft (12.7 mm x 15 m)  
**246679** 3/8 in x 50 ft (9.5 mm x 15 m), with scuff guard

### Heated Hose Set - 2000 psi (137 bar, 13.7 MPa)

**246045** 1/4 in x 50 ft (6.3 mm x 15 m)  
**246046** 3/8 in x 50 ft (9.5 mm x 15 m)  
**246047** 1/2 in x 50 ft (12.7 mm x 15 m)  
**246678** 3/8 in x 50 ft (9.5 mm x 15 m), with scuff guard  
**246048** 1/4 in x 25 ft (6.3 mm x 7.6 m)  
**246049** 3/8 in x 25 ft (9.5 mm x 15m)  
**246074** 1/4 in x 50 ft (6.3 mm x 15 m), no thermocouple cable  
**246075** 3/8 in x 50 ft (9.5 mm x 15 m), no thermocouple cable  
**246076** 1/2 in x 50 ft (12.7 mm x 15 m), no thermocouple cable

### Heated Whip Hose Set - 3500 psi (241 bar, 24.1 MPa)

**246055** 1/4 in x 10 ft (6.3 mm x 15 m), with scuff guard  
**246056** 3/8 in x 10 ft (9.5 mm x 15 m), with scuff guard

### Heated Whip Hose Set - 2000 psi (137 bar, 13.7 MPa)

**246050** 1/4 in x 10 ft (6.3 mm x 15 m), with scuff guard

### Hose Accessories

**15C626** 25 ft (7.6 m) fluid temperature sensor (FTS) cable  
**15B296** 50 ft (15 m) fluid temperature sensor (FTS) cable  
**15F144** Harness, wiring, bypass, heated hose

### Viscon® Heaters

**245848** Hazardous location, 120 VAC, 2300 watts, 19.2 amps  
**245862** Hazardous location, 200 VAC, 4000 watts, 20 amps  
**245863** Hazardous location, 240 VAC, 4000 watts, 16.7 amps  
**246254** Hazardous location, 380 VAC, 4000 watts, 10.5 amps  
**245864** Hazardous location, 480 VAC, 4000 watts, 8.3 amps  
**245867** Non-hazardous location, 120 VAC, 2300 watts, 19.2 amps  
**245868** Non-hazardous location, 200 VAC, 4000 watts, 20.0 amp  
**245869** Non-hazardous location, 240 VAC, 4000 watts, 16.7 amp  
**246276** Non-hazardous location, 380 VAC, 4000 watts, 10.5 amp  
**245870** Non-hazardous location, 480 VAC, 4000 watts, 8.3 amps  
**246304** Heater bracket for Xtreme Mix 290-500

### Band Heaters

**15F028** Heater, drum, 1000 watts

## Mixing and Atomizing

### Remote Mix Manifold

**15E372** Restrictor, 0.018 in (0.46 mm)  
**15E373** Restrictor, 0.024 in (0.6 mm)  
**15E374** Restrictor, 0.032 in (0.8 mm)  
**15E375** Restrictor, 0.040 in (1.0 mm)  
**15E376** Restrictor, 0.062 in (1.6 mm)  
**15E377** Restrictor, 0.094 (2.4 mm)  
**249036** O-ring kit for restrictor, 6 pack  
**249037** Filter screen kit for restrictor, 10 pack  
**249035** Check valve assembly  
**248874** Manifold, remote mix, no restrictor, bare  
**248923** Manifold, remote mix, with restrictors, skid-mount

### Static Mixing, 7250 psi (500 bar, 50 MPa)

**248927** 25 pack, disposable, 1/2 in (12 mm), 12 element  
**248925** 10 ft (3 m) mixing kit; includes (2)15E592  
and mix elements  
**15E592** Static mix housing, 1/2 in x 5 in (12 mm x 127 mm)  
**511352** Static mixer, SST, 3/8 in x 9.5 in (9.5 mm x 241 mm)

### Spray Guns

**XTR700** Round handle, four-finger trigger, no tip  
**XTR701** Round handle, four-finger trigger, 519 flat tip  
**XTR702** Oval insulated handle, four-finger trigger, 519 XHD RAC tip  
**XTR703** Oval insulated handle, two-finger trigger, 519 XHD RAC tip  
**XTR704** Round handle, four-finger trigger, 519 XHD RAC tip  
**XTR705** Round handle, two-finger trigger, 519 XHD RAC tip  
**248844** Flex Plus gun

### Air Distribution Kits

**248829** Feed pump regulator kit  
**248827** Main air supply  
**249002** Agitator air line kit



## 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.

## GRACO LOCATIONS

### MAILING ADDRESS

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

### AMERICAS

#### MINNESOTA

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

### 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

#### AUSTRALIA

Graco Australia Pty Ltd.  
Suite 17, 2 Enterprise Drive  
Bundoora, Victoria 3083  
Australia  
Tel: 61 3 9467 8558  
Fax: 61 3 9467 8559

#### CHINA

Graco Hong Kong Ltd.  
Shanghai Representative Office  
Room 118 1st Floor  
No.2 Xin Yuan Building  
No.509 Cao Bao Road  
Shanghai, 200233  
The People's Republic of China  
Tel: 86 21 649 50088  
Fax: 86 21 649 50077

### INDIA

Graco Hong Kong Ltd.  
India Liaison Office  
Room 432, Augusta Point  
Regus Business Centre 53  
Gurgaon, Haryana  
India 122001  
Tel: 91 124 435 4208  
Fax: 91 124 435 4001

### JAPAN

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

### KOREA

Graco Korea Inc.  
Shinhan Bank Building  
4th Floor #1599  
Gwanyang-Dong, Dongan-Ku,  
Anyang-si, Korea 431-060  
Tel: 82 31 476 9400  
Fax: 82 31 476 9801

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North America  
Customer Service  
800-328-0211  
Fax 877-340-6427