



King[®]

Airless Sprayers for Protective Coatings Applications



PROVEN QUALITY. LEADING TECHNOLOGY.



 **G**raco airless sprayers have been the industry's preferred brand for over 60 years.

When looking for a dependable, durable and rugged single-component protective coatings pump to get the job done – Graco Has You Covered.

“I trust the brand that has never let me down.”

- current Graco sprayer



 **T**he King fully loaded and ready to tackle your toughest job.



SIMPLE MAINTENANCE

with removable valve cover and easy access to poppet valves.



Sprayers require simple maintenance – we’ve made it easy.

A factory installed toolbox contains common items that every applicator should have on the job site. Contents include throat seal liquid, air filter element, tool for poppet and air valve, pump filter cap O-rings, pump filter element, spare tip and gun filter.

The box also includes storage space for your Graco XTR™ Spray Gun.

REDUCED ICING POTENTIAL

by **up to 70%** with thermally isolated poppets.



Thermally isolated poppets* are insulated from motor castings that can often drop below freezing. The newly designed poppets and external pilot lines virtually eliminate pilot valve freezing that can result in an instant stop. The components are easily accessed for service or replacement if needed.

**Thermally isolated poppets used on XL 3400 and XL 6500 motors only.*

“We like the King pump, we can’t break it, it will not freeze!”

- Hunnicut’s Incorporated



LESS PULSATION

due to **smoother changeover** and no pressure drops, resulting in a better finish!

With 145% higher intake/exhaust capacity in the air valve compared to NXT™ motors you'll achieve a faster, smoother changeover. The faster the air gets out, the faster the pressure comes back. Eliminating the “wink” in your pattern – it is a difference you will feel.

“The King sprayer feels stronger than any pump I’ve ever used...”

- Tom Rathousky, Morin Industrial Coatings

IMPROVED SEALING AND STRENGTH

with enhanced edge loading and seven throat packings instead of five.



Packings play a critical role in optimizing spray performance by sealing pressure and holding material inside the pump. The tighter the seal, the better the performance.

- Graco UHMWPE is RED
- Reinforced PTFE is WHITE
- Packing glands are BLACK



“Whatever you did works... I haven’t experienced throat leakage with these new packings and I’ve been using pumps for 42 years.”

- Dave McAnany, sub-contractor for Worldwide Industries





MaxLife® pumps are designed for the most demanding jobs, providing unmatched durability and life.

- Exclusive MaxLife sleeve rod
- Lasts significantly longer between rebuilds
- Long-life ceramic balls for maximum versatility no matter what you're spraying (optional kit)
- Standard 2-line outlet

Cartridge-style Throat Packings

- Quickly remove and replace for service

Built-in Filter

- Easy to maintain or remove

Zero Cavity Carbide Prime/Bleed Valve

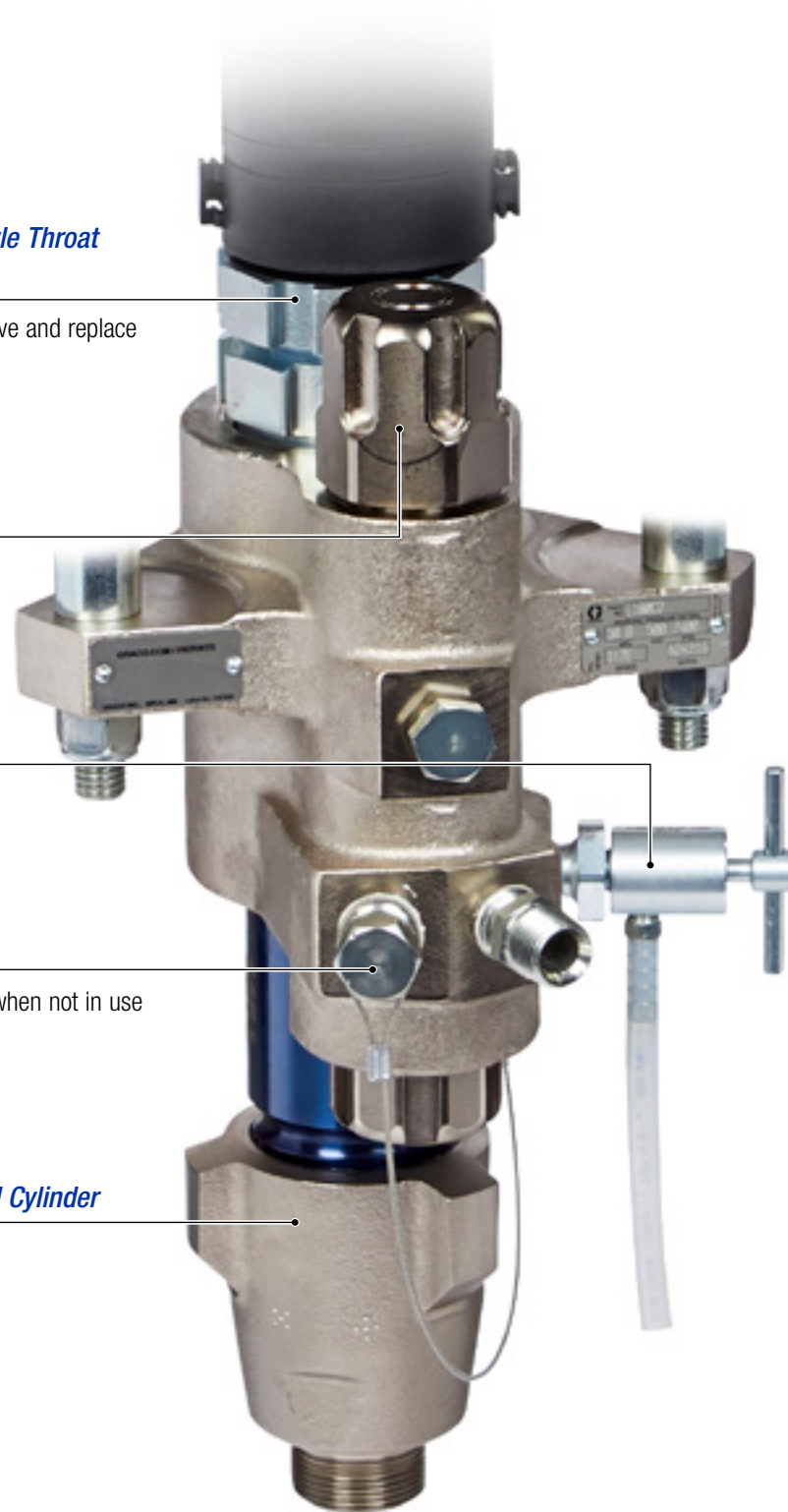
- Less maintenance and no material build up

Zero Cavity 2nd Gun Outlet

- Allowing no material build up when not in use

Quick Knockdown Intake Valve and Cylinder

- Easy to service with minimal tools



Multi-Gun CAPABILITIES

With more powerful and efficient changeovers, the ability to spray with up to six guns* is now a reality.

** Material, hose and tip size dependent*



Graco's powerful new air motor lets you use multiple guns with almost no perceivable pulsation. A new manifold has been designed to simplify the installation of multiple guns.

“We spray with two guns most days. The King pump has so much power, it has no problem keeping up.”

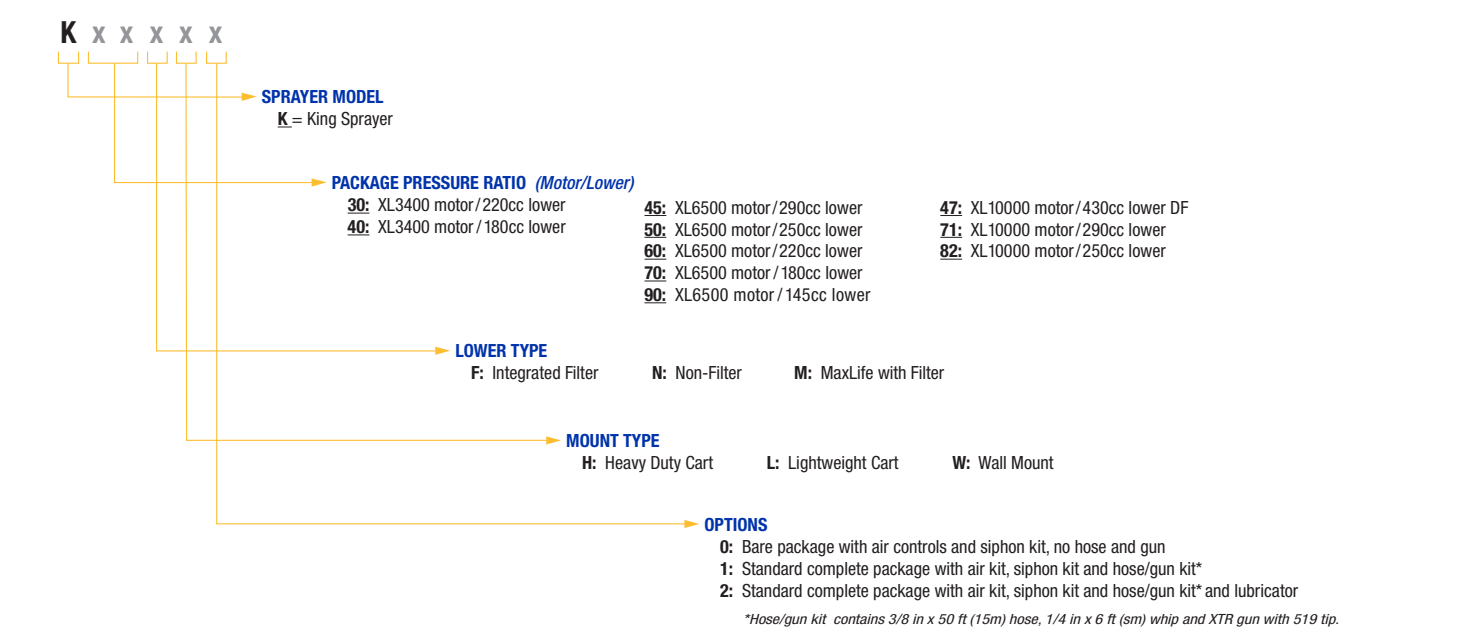
- Cory Coles, Darran Green Sandblasting



► Ordering Information

The Graco King line of airless sprayers are built with your needs in mind. Depending on your job requirements – Graco Has You Covered.

Use the matrix below to create your part number. *Not all combinations are available, contact your Graco Distributor for part number availability.*



MOTOR PACKAGE	XL3400 MOTOR		XL10000 MOTOR		
KING SPRAYER MODEL	XL30-220	XL40-180	XL45-430 [†]	XL70-290	XL80-250
Output per cycle	220cc	180cc	430cc	290cc	250cc
Maximum Working Pressure, psi (bar, MPa)	3150 (217, 21.7)	3800 (262, 26.2)	4800 (331, 33.1)	7250 (500, 50.0)	7250 (500, 50.0)
Maximum Air Input Pressure, psi (bar, MPa)	100 (7, 0.70)	100 (7, 0.70)	100 (7, 0.70)	100 (7, 0.70)	88 (6, 0.60)
Output at 60 Cycles/min gpm (lpm)	3.4 (12.9)	2.9 (11)	6.7 (25.4)	4.6 (17.4)	4 (15.1)

XL6500 MOTOR				
XL45-290	XL50-250	XL60-220	XL70-180	XL90-145
290cc	250cc	220cc	180cc	145cc
4550 (313, 31.3)	5200 (359, 35.9)	6000 (417, 41.7)	7250 (500, 50.0)	7250 (500, 50.0)
100 (7, 0.70)	100 (7, 0.70)	100 (7, 0.70)	100 (7, 0.70)	80 (5.5,0.55)
4.6 (17)	4.0 (15.2)	3.4 (12.9)	2.9 (11)	2.3 (8.7)

For more information on Parts & Accessories for High Pressure Protective Coatings Equipment, see brochure 349329.

[†]Uses Dura-Flo™ lower

► Additional Ordering Information

King Heavy-Fluid, high pressure spray packages uses XL10000 motor

Designed for materials that will gravity feed, but are higher viscosity and filled, requiring a filter-less pump lower for less plugging. Packages include 10 gal (38 L) SST hopper, no fluid filter, 3/4 in outlet check valve, 3/4 in x 50 ft (15 m) hose, 1/2 in x 25 ft (7.6 m) whip and XHF spray gun with 429 tip.

24X593 King XL70-290 Heavy-fluid* spray package

24X594 King XL80-250 Heavy-fluid* spray package

**Heavy-fluid materials vary and should be tested with a qualified distributor. Material should be pourable and self-leveling.*

King Cart Packages without Lowers, no lubricator

KN3DHO XL3400 on a Bare Heavy-Duty Cart*

KN3DLO XL3400 on a Bare Lightweight Cart*

KN6DHO XL6500 on a Bare Heavy-Duty Cart*

KN6DLO XL6500 on a Bare Lightweight Cart*

**Add any Xtreme Lower (Sizes 145cc-290cc) to make a Package. Includes tie rods, coupling kit and a suction hose.*

Parts & Accessories

King Sprayer Accessories

24X552 DataTrak kit for XL 3400, XL 6500, XL 10000 motors, no runaway solenoid

24X550 DataTrak kit for XL 3400, XL 6500, XL 10000 motors, with runaway solenoid

116635 Air filter element

244841 King Cart Lubricator Kit

202659 Air motor lubricator oil

17V322 Low Noise Motor Conversion Kit for XL 3400 & XL 6500 Motors

24X570 10-gal SST hopper kit for XL 3400, XL 6500, XL 10000 pkgs.

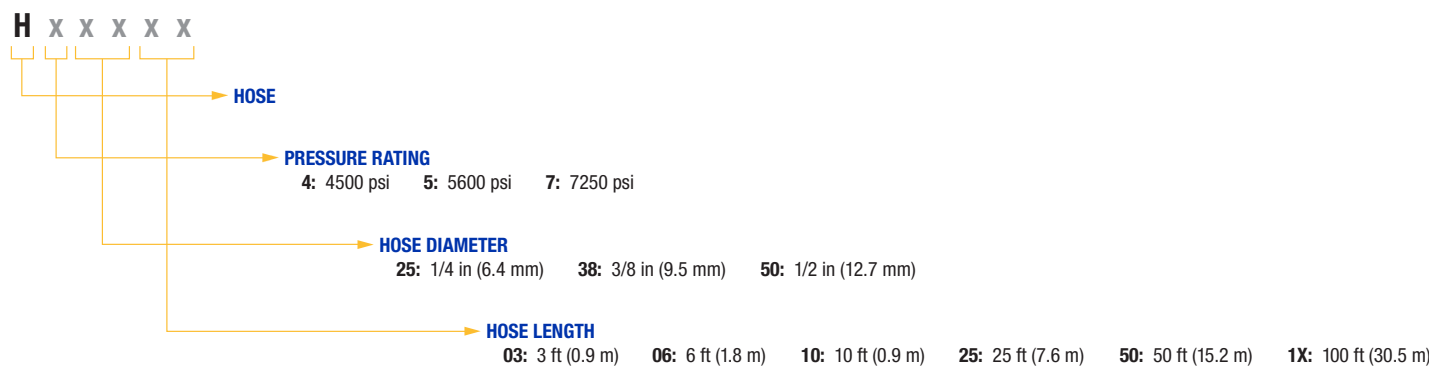
17V587 4-gun spray line manifold with ball valves, no independent flush

262826 Gun Splitter, 2 guns, with independent flush

206994 Throat Seal Liquid (TSL)

► Additional Ordering Information

Xtreme-Duty Airless Hose & Adapters *(for adding additional spray line)*



Example:
H53850 is a 5600 psi,
3/8 in (9.5mm), 50 ft (15.2m) hose

Hex Reducing Nipples *(for adapting hoses together)*

164672	7250 psi (500 bar, 50 MPa), 3/8 npt (m), 1/4 npsm, 1 3/8 in (9.5 mm)
156849	7250 psi (500 bar, 50 MPa), 3/8 npt (m), 3/8 npt (m), 1 1/2 in (12.7 mm)
162449	7400 psi (510 bar, 51 MPa), 1/2 npt (m), 1/4 npt (m), 1 5/8 in (15.9 mm)
158491	7400 psi (510 bar, 51 MPa), 1/2 npt (m), 1/2 npt (m), 1 5/8 in (15.9 mm)
159239	7400 psi (510 bar, 51 MPa), 1/2 npt (m), 3/8 npt (m), 1 5/8 in (15.9 mm)
162453	7500 psi (517 bar, 51.7 MPa), 1/4 npt (m), 1/4 npt (m), 1 1/5 in (5.1 mm)

XTR Guns *(for additional guns)*

Spray Guns - 5000 psi (345 bar, 34 MPa)

XTR502	XTR-5, oval insulated handle, four-finger trigger, HD RAC tip
XTR503	XTR-5, oval insulated handle, two-finger trigger, HD RAC tip
XTR504	XTR-5, round handle, four-finger trigger, HD RAC tip
XTR505	XTR-5, round handle, two-finger trigger, HD RAC tip

Spray Guns - 7250 psi (500 bar, 50 MPa)

XTR702	XTR-7, oval insulated handle, four-finger trigger, XHD RAC tip
XTR703	XTR-7, oval insulated handle, two-finger trigger, XHD RAC tip
XTR704	XTR-7, round handle, four-finger trigger, XHD RAC tip
XTR705	XTR-7, round handle, two-finger trigger, XHD RAC tip

► Additional Ordering Information

Heater Kits *(to reduce viscosity and improve cure times)*

17V573	Kit, Heater Installation. Includes hardware for mounting any Viscon HP or HF fluid heater to a King Heavy-Duty cart.
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Viscon HP Fluid Heaters

245848	Hazardous location, 120 VAC single phase, 2300 watts, 19.2 amps
245862	Hazardous location, 200 VAC single phase, 4000 watts, 20 amps
245863	Hazardous location, 240 VAC single phase, 4000 watts, 16.7 amps
246254	Hazardous location, 380 VAC single phase, 4000 watts, 10.5 amps
245864	Hazardous location, 480 VAC single phase, 4000 watts, 8.3 amps

Viscon HF Fluid Heaters *(Cleanable)*

24W248	Hazardous location, 240 VAC single phase, 5400 watts, 22.5 amps
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Service Manuals online at www.graco.com

3A5422	King sprayers with XL 3400 or XL 6500 Air Motors - manual 3A5422
334645	King sprayers with XL 10000 Air Motor - manual 334645
3A5423	XL 3400, XL 6500 Motor Parts - manual 3A5423
334644	XL 10000 Motor Parts - manual 334644
311762	Xtreme Lower Parts & Repair Kits - manual 311762
311762	Ceramic ball check kits - manual 311762

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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 **866-361-5959** to talk with a Graco representative, or visit **www.graco.com** for more information.