3A3164EN-D24Z902固瑞克e-Xtreme Sprayer电动泵操作说明书

Operation, Repair, and Parts



e-Xtreme® Sprayer

3A3164D

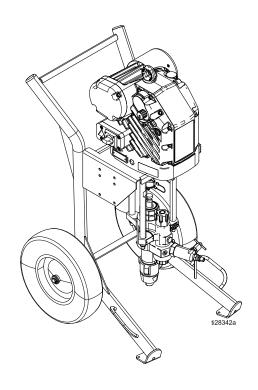
Electric high pressure sprayer packages for application of protective coatings. For professional use only.



Important Safety Instructions

Read all warnings and instructions in this manual and in the e-Xtreme Driver manuals. **Save all instructions**.

See page 3 for model information. See Technical Specifications for maximum working pressure.









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Related Manuals

| Part | Description |
|--------|---|
| 3A3165 | e-Xtreme Driver Installation |
| 3A5124 | e-Xtreme Driver Operation, Repair and Parts |
| 311619 | Pump Mounting Kit Manual |
| 311762 | Xtreme Lower Manual |
| 312145 | XTR Gun Manual |

Model Information

| | | Pac | kage | Filte | er | |
|---------|------------------------------------|---|---|----------------------|--------------|---------------|
| Model | Description | Complete* (Hose and Gun) Maximum Fluid Tempterature: 160° F (71° C) | Bare (No Hose or Gun) Maximum Fluid Temperature: 180° F (82° C) | Integrated Filter | No Filter | Lower Pump |
| 24Y901* | e-Xtreme Ex45, Cart* | ✓ | | ✓ | | |
| 24Y902 | e-Xtreme Ex45, Cart | | ✓ | ✓ | | |
| 24Y903* | e-Xtreme Ex45, Cart | ✓ | | | ✓ | |
| 24Y904 | e-Xtreme Ex45, Cart | | ✓ | | ✓ | |
| 24Y905* | e-Xtreme Ex45, Cart with Hopper | ✓ | | 1 | | |
| 24Y906 | e-Xtreme Ex45, Cart with Hopper | | ✓ | ~ | | 145cc |
| 24Y907* | e-Xtreme Ex45, Cart with Hopper | ✓ | | | 1 | 14500 |
| 24Y908 | e-Xtreme Ex45, Cart with Hopper | | ✓ | | 1 | |
| 24Y909* | e-Xtreme Ex45, Wall Mount | ✓ | | ✓ | | |
| 24Y910 | e-Xtreme Ex45, Wall Mount | | ✓ | ✓ | | |
| 24Y911* | e-Xtreme Ex45, Wall Mount | ✓ | | | ✓ | |
| 24Y912 | e-Xtreme Ex45, Wall Mount | | ✓ | | ✓ | |
| 24Z901* | e-Xtreme Ex35, Cart | ✓ | | √ | | |
| 24Z902 | e-Xtreme Ex35, Cart | | ✓ | ✓ | | |
| 24Z903* | e-Xtreme Ex35, Cart | ✓ | | | ✓ | |
| 24Z904 | e-Xtreme Ex35, Cart | | ✓ | | ✓ | |
| 24Z905* | e-Xtreme Ex35, Cart with Hopper | ✓ | | √ | | |
| 24Z906 | e-Xtreme Ex35, Cart with Hopper | | ✓ | \ | | 180cc |
| 24Z907* | e-Xtreme Ex35, Cart with Hopper | ✓ | | | 1 | 18000 |
| 24Z908 | e-Xtreme Ex35, Cart with Hopper | | 1 | | 1 | |
| 24Z909* | e-Xtreme Ex35, Wall Mount | 1 | | ✓ | | |
| 24Z910 | e-Xtreme Ex35, Wall Mount | | ✓ | √ | | |
| 24Z911* | e-Xtreme Ex35, Wall Mount | ✓ | | | ✓ | |
| 24Z912 | e-Xtreme Ex35, Wall Mount | | ✓ | | ✓ | |

For maximum working pressure, see Technical Specifications, page 32.

NOTE: See the e-Xtreme Driver Installation manual for driver approvals information.

^{*} Lower Fluid temperature due to XTR5 gun.

Parts List

| Ref. | Part | Description | Qty. |
|------|---|---|------|
| 1 | 255143 (includes 5, 6) | BRACKET, wall mount, painted (Models 24Y909, 24Y910, 24Y911, 24Y912, 24Z909, 24Z910, 24Z911, 24Z912 | 1 |
| | 24Y078 (includes 14, 20, 21, 22) | CART, heavy duty, painted (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Y905, 24Y906, 24Y907, 24Y908, 24Z901, 24Z902, 24Z903, 24Z904, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 4 | 24X901 (includes 2x 31 Oil jugs, part 16W645) | DRIVER, e-Xtreme | 1 |
| 5 | 100133 | WASHER, lock, 3/8 | 4 |
| 6 | 100101 | SCREW, cap, hex hd | 4 |
| 7 | 15H392 | ROD, adapter Xtreme | 1 |
| 8 | 257150 | ROD, tie, 14 1/4 long | 3 |
| 9 | L145CN (includes 9a) | LOWER, Xtreme, 145, nf, xseal, disk (Models 24Y903, 24Y904, 24Y907, 24Y908, 24Y911, 24Y912) | 1 |
| | L145CL (includes 9a) | LOWER, Xtreme, 145, w/filt, xseal (Models 24Y901, 24Y902, 24Y905, 24Y906, 24Y909, 24Y910) | 1 |
| | L180CN (includes 9a) | LOWER, Xtreme, 180, nf, xseal, disk (Models 24Z903, 24Z904, 24Z907, 24Z908, 24Z911, 24Z912) | 1 |
| | L180CL (includes 9a) | LOWER, Xtreme, 180, w/filt, xseal (Models 24Z901, 24Z902, 24Z905, 24Z906, 24Z909, 24Z910) | 1 |
| 9a | 258962 | HOUSING, rupture disc, assembly | 1 |
| 10 | 101712 | NUT, lock | 3 |
| 11 | 244820 | CLIP, hairpin (w/ lanyard) | 1 |
| 12 | 244819 | COUPLING, assembly, 145-290 Xtreme | 1 |
| 13 | 197340 | COVER, coupler | 1 |
| 14 | 113361 | CAP, tube, round (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Y905, 24Y906, 24Y907, 24Y908, 24Z901, 24Z902, 24Z903, 24Z904, 24Z905, 24Z906, 24Z907, 24Z908) | 2 |
| 17* | 17L151 | FITTING, elbow (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 20 | 113362 | WHEEL, semi-pneumatic (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Y905, 24Y906, 24Y907, 24Y908, 24Z901, 24Z902, 24Z903, 24Z904, 24Z905, 24Z906, 24Z907, 24Z908) | 2 |
| 21 | 154628 | WASHER (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Y905, 24Y906, 24Y907, 24Y908, 24Z901, 24Z902, 24Z903, 24Z904, 24Z905, 24Z906, 24Z907, 24Z908) | 2 |
| 22 | 113436 | RING, retaining (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Y905, 24Y906, 24Y907, 24Y908, 24Z901, 24Z902, 24Z903, 24Z904, 24Z905, 24Z906, 24Z907, 24Z908) | 2 |
| 24 | 116746 | FITTING, barbed, plated | 1 |
| 25 | 116750 | TUBE, nylon | 1 |
| 31‡ | 16W645 | IT, oil (1 quart Bottle) | |
| 41 | 206994 | FLUID, TSL 8 oz | 1 |
| | 206995 (not included) | FLUID, TSL 1 quart (not shown) | |
| | 206996 (not included) | FLUID, TSL 1 gallon (not shown) | |
| | 206997 (not included) | FLUID, TSL 12 quarts (not shown) | |
| 44a | H42506 | HOSE, cpld, 4500 psi, 0.25 ID, 6 ft (Models 24Y901, 24Y903, 24Y905, 24Y907, 24Y909, 24Y911, 24Z901, 24Z903, 24Z905, 24Z907, 24Z909, 24Z911) | 1 |
| 44b | 164856 | FITTING, nipple, reducing (Models 24Y901, 24Y903, 24Y905, 24Y907, 24Y909, 24Y911, 24Z901, 24Z903, 24Z905, 24Z907, 24Z909, 24Z911) | 1 |

| Ref. | Part | Description | Qty. |
|---------|---|---|------|
| 44c | H43850 | HOSE, cpld, 4500 psi, 0.375 ID, 50 ft (Models 24Y901, 24Y903, 24Y905, 24Y907, 24Y909, 24Y911, 24Z901, 24Z903, 24Z905, 24Z907, 24Z909, 24Z911) | 1 |
| 47 | XTR504 | GUN, XTR5, 1 in. hnd, 4 fng, xhdrac (Models 24Y901, 24Y903, 24Y905, 24Y907, 24Y909, 24Y911, 24Z901, 24Z903, 24Z905, 24Z907, 24Z909, 24Z911) | 1 |
| 55 | 25C189 (1/2 in. NPT for Integrated filter Lowers) | VALVE, subassembly (Models 24Y901, 24Y902, 24Y905, 24Y906, 24Y909, 24Y910, 24Z901, 24Z902, 24Z905, 24Z906, 24Z909, 24Z910) | 1 |
| | 127631 (3/4 in. NPT for No filter lowers) | VALVE, subassembly (Models 24Y903, 24Y904,. 24Y907, 24Y908, 24Y911, 24Y912, 24Z903, 24Z904, 24Z907, 24Z908, 24Z911, 24Z912) | 1 |
| 55a | 245143 | VALVE, pressure, bleed | 1 |
| 58 | 17A411 | LABEL, instructions | 1 |
| 64 | 162505 | FITTING, union, swivel | 1 |
| 71* | C19024 | FITTING, elbow, swivel (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 74 | 24Z274 | HOSE, suction, 1 in. npt x 3 ft L (Models 24Y901, 24Y902, 24Y903, 24Y904, 24Z901, 24Z902, 24Z903, 24Z904) | 1 |
| 81* | 17D554 | BRACKET, hopper, upper (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 82* | 17C474 | BRACKET, hopper (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 83* | 112395 | SCREW, cap, flng hd (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 4 |
| 84* | 16U537 | COVER, complete (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 85* | 17E114 | HOPPER, weldment, Xtreme (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 86* | 120307 | FITTING, hose adapter, male (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 87* | 120308 | FITTING, hose adapter, female (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 87a* | 120781 (PTFE Encapsulated Viton) | GASKET, quick coupler (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | 1 |
| 87b* | 17C453 (Buna-N 6-pack) (not included with 87) | GASKET, quick coupler (6-PACK) (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) (not shown) | 1 |
| 88* | 17L152 | FITTING, swivel (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | |
| 89* | 112958 | NUT, hex, flanged (Models 24Y905, 24Y906, 24Y907, 24Y908, 24Z905, 24Z906, 24Z907, 24Z908) | |
| 101▲ | 17J476 | LABEL, warning (English/French/Spanish) | 1 |
| | 17K430 | LABEL, warning, bag (Dutch/German/Swedish, Polish/Russian, Italian/Turkish) | 1 |
| * Inclu | ided in Hopper Accessory | | |
| ▲ Ada | itional Warning labels are a | available at no cost. | |
| ‡ The | driver gear box is shipped | from the factory pre-filled with oil. Additional oil must be purchased separately. | |

1 Torque to 145–155 ft-lb (196–210 N•m).

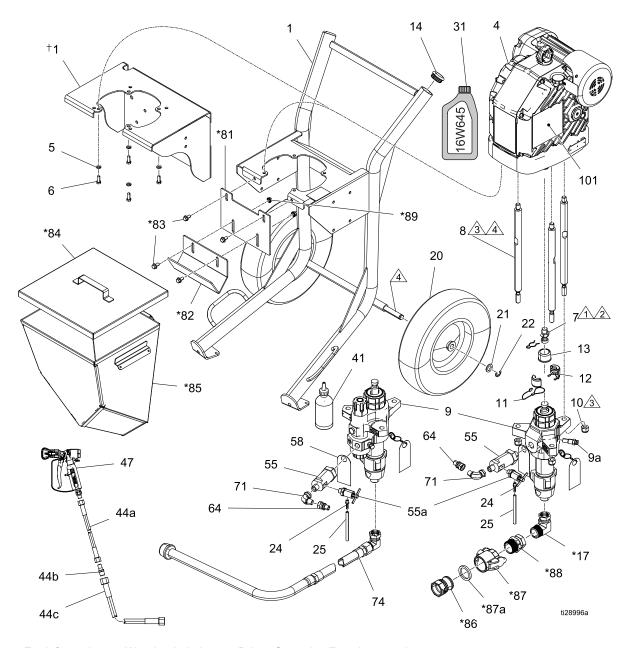
3 Torque to 56–60 ft-lb 68–81 N•m).

2 Apply thread locker.

4 Apply lithium grease lubricant.

Parts

Parts Drawing



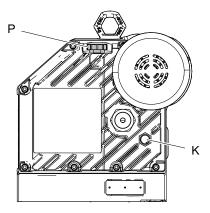
For information on Warning Labels, see Driver Operation/Repair manual.

Quick Start Guide 3A3067 (not shown) is available upon request.

† Wall mount sprayers only.

Check Oil Level

Check the oil level in the sight glass (K). The oil level should be near the halfway point of the sight glass when the sprayer is not running. If oil is low, open the fill cap (P) and add Graco Part No. 16W645 silicone-free ISO 220 synthetic EP gear oil.



ti27516a

The oil capacity is approximately 1.0–1.2 quarts (0.9–1.1 liters). **Do not overfill.**

NOTE: The driver gear box is shipped from the factory pre-filled with oil. The temporary unvented cap (PX) prevents oil leaks during shipment. This temporary cap must be replaced with the supplied vented oil cap (P) before use.

NOTICE

Only use oil with Graco part number 16W645. Any other oil may reduce the life of the gears.

Corrosion Protection

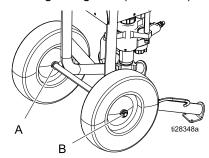
Always flush the pump before fluid dries on the displacement rod. Never leave water or water-based fluid in the pump overnight. First, flush with water or a compatible solvent, then with a rust inhibitor, such as mineral spirits. Perform Pressure Relief Procedure, page 12, but leave rust inhibitor in pump to protect parts from corrosion.

Flushing

- Flush before changing fluids, before fluid can cure in the equipment, at the end of the day, before storing, and before repairing equipment.
- Flush at the lowest pressure possible. Check connectors for leaks and tighten as necessary.
- Flush with a fluid that is compatible with the fluid being dispensed and the equipment wetted parts.

Cart Maintenance

Periodically lubricate the axle between points A and B with lightweight oil (see below).

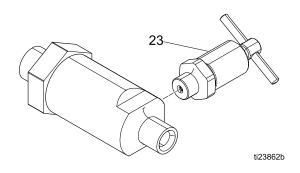


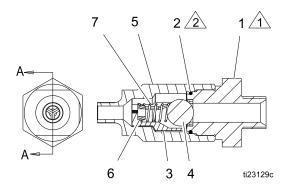
Keep the cart clean by wiping up spills daily, using a compatible solvent.

| Problem | Cause | Solution | |
|---|--|--|--|
| Erratic or accelerated | Fluid supply is exhausted | Refill the fluid supply and prime the pump. | |
| pump speed | Clogged suction | Clean the suction tube. | |
| | Open or worn piston valve packings | Clear the piston valve. Replace the packings. | |
| | Open or worn intake valve | Clear or service the intake valve. | |
| | Clogged gun, hose, outlet, etc. | Clear the gun, hose, outlet, etc. | |
| | Open or worn outlet check valve | Clear or service the outlet check valve. | |
| Cycles or fails to hold pressure at stall | Worn intake or piston valve or seals | Service the pump lower (see Lower manual 311762). | |
| Air bubbles in fluid | Loose suction line | Tighten suction line connections. Use compatible liquid thread sealant or PTFE tape on connections. | |
| | Agitator/mixer is not submerged | Submerge the agitator/mixer. | |
| | Agitator/mixer RPM is too high | Lower the agitator/mixer RPM. | |
| Poor finish or irregular spray pattern | Incorrect fluid pressure at gun | See the gun manual. Read the fluid manufacturer's recommendations. | |
| | Fluid is too thin or too thick | Adjust the fluid viscosity. Read the fluid manufacturer's recommendations. | |
| | Dirty, worn, or damaged spray gun | Service the spray gun (see spray gun manual). | |
| Driver does not turn over and LED is off | Over voltage (greater than 300 V) | Check the power supply. | |
| | No power to the control board | Contact your Graco distributor or Tech Service for more information. | |
| Driver does not turn over and LED is on | Encoder fault | Cycle power. Recalibrate the encoder following the procedure listed in the e-Xtreme Driver Operation/Repair manual. Contact your Graco distributor or Tech Service for more information. | |
| Oil is leaking | Oil was over-filled | Drain and refill oil as stated in Check Oil Level, page 17. | |
| | Drain plug is not tightened properly | Torque to 18–23 ft-lb (25–30 N•m). | |
| | Seal cartridge o-ring missing or damaged | Replace the shaft bearing assembly. | |

^{*} To determine if the fluid hose or gun is obstructed, follow the Pressure Relief Procedure, page 12. Disconnect fluid hose and place a container at pump fluid outlet to catch any fluid. Turn pressure adjustment knob just enough to start the pump. If the pump starts, the obstruction is in the fluid hose or gun.

Outlet Check Valves Parts





Outlet Check Valves Parts List:

127631 (3/4 in. male npt inlet) 25C189 (1/2 in. male npt inlet)

| Ref. | Part | Description | Qty. |
|------|--------|--|------|
| 1 | 127882 | NUT, seat (includes 2* and 4) for 187631 version | 1 |
| | 25C190 | NUT, seat (includes 2* and 4) for 25C189 version | 1 |
| 2* | 102595 | PACKING, o-ring | 1 |
| 3 | 181492 | GUIDE, ball | 3 |
| 4 | 102972 | BALL, metallic | 1 |
| 5 | 17A091 | HOUSING, ball, check | 1 |
| 6 | 181535 | RETAINER, spring | 1 |
| 7 | 108361 | SPRING, compressor | 1 |
| 23 | 245143 | VALVE, pressure bleed | 1 |

^{*} If the outlet check valve is disassembled, the o-ring (2) must be replaced. The o-ring is designed to be crushed, and not reused.

Parts Specifications:

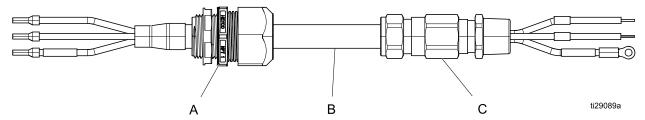
| Ref. | Instruction |
|-------------|-------------------------------------|
| \triangle | Torque to 101–108 N•m (75–80 ft-lb) |
| 2 | Apply lubricant |

Accessories:

| Part | Description | |
|--------|---|--|
| 17B291 | MIXER, jiffy, PS-1 | |
| 24Z266 | KIT, suction set, 1 in. npt x 6 ft L | |
| 24Z274 | KIT, suction set, 1 in. npt x 3 ft L | |
| 24Z270 | KIT, suction, drum, 1 in. npt x 10 ft L | |
| 17M677 | 77 Software Update Token** | |
| 25C188 | KIT, hopper (see Parts List for contents) | |

^{**} See the Driver Operation/Repair manual for "**Software Token Update**" procedure.

ATEX/Hazardous Location-Rated Power Cord Kits (1-gland cable shown)



| ATEX/Hazard | ous Location-Rated Power Cords: | A - Cord Grip | B - Cable | C - Cable Gland |
|-------------|---------------------------------|---------------|-----------|-----------------|
| 24Z267* | KIT, power cable, 1 gland, 8M | 1 | 1 | 1 |
| 24Z268* | KIT, power cable, 1 gland, 15M | 1 | 1 | 1 |
| 24Z269* | KIT, power cable, 1 gland, 30M | 1 | 1 | 1 |
| 24Z271 | KIT, power cable, 2 gland, 8M | _ | 1 | 2 |
| 24Z272 | KIT, power cable, 2 gland, 15M | _ | 1 | 2 |
| 24Z273 | KIT, power cable, 2 gland, 30M | _ | 1 | 2 |

^{*} Only one end has ATEX/Hazardous location cable gland. Power Supply must be outside of ATEX/Hazardous location for ratings to apply.

A: Cord Grip (ordinary location)

Power Supply must be outside of ATEX/Hazardous location for ratings to apply.

B: Cable

MOR® Polyrad® XT-125 Armored and Sheathed Cable (125° C Temperature Rating)

Manufacturer: General Cable Manufacturer P/N: 279220

UL 1309 Type X110 (UL Listed File No. E85994) IEEE 1580 Type P CSA C22.2 No. 245 Type X110 IEC 60092 – 350 API-RP14F***

***Per manufacturer General Cable, suitable for use in Class I, Division 1, and Zone 1 Hazardous Locations when installed in accordance with API-RP14F. Cable gland ratings may have an effect on overall ratings and must also be considered.

For other ratings, listings and installation instructions see manufacturer's website: http://www.generalcable.com/

C: Cable Gland – for driver, with ratings

CROCLOCK® Cable Gland

Manufacturer: Peppers Cable Glands Manufacturer P/N: CR-3B/NP/20/075NPT

Certificate No.

ABS: 09-LD463991-PDA (American Bureau of Shipping)

CSA: 1356011

• Ex d IIc / Ex e II Class I Zone 1

· Class I Division 2, Groups A, B, C and D

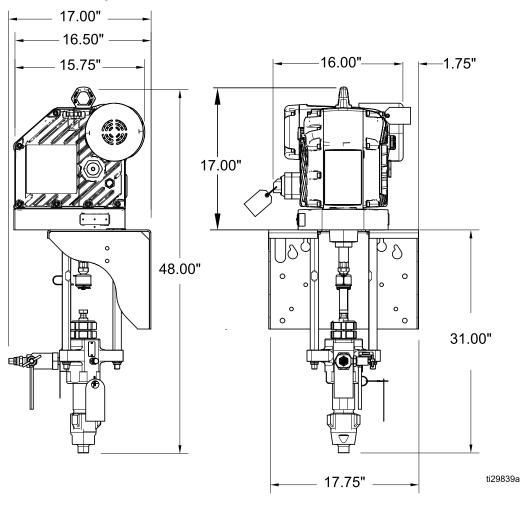
ATEX: BAS 01ATEXT2271X

IECEx: SIR 07.0099X

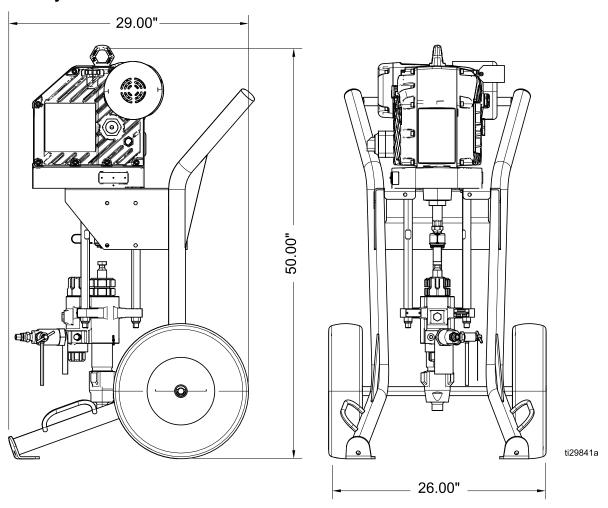
For additional certificates/listings and installation instructions, see manufacturer's website: http://peppersamerica.com/

Dimensions

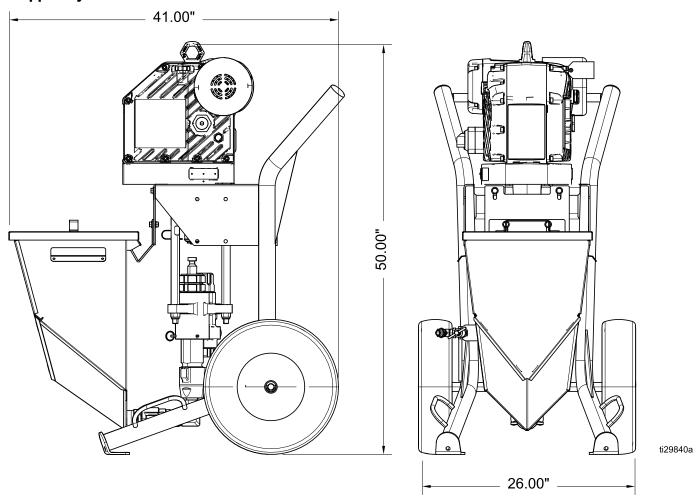
Wall Mount Systems



Cart Systems



Hopper Systems



Technical Specifications

| Ex35 e-Xtreme Sprayers | | | | |
|--|--|---|--|--|
| | U.S. | Metric | | |
| Maximum fluid working pressure | 3500 psi | 240 bar, 24.0 MPa | | |
| Stroke length | 4.75 in. | 120 mm | | |
| Maximum continuous cycle rate | 44 cycles | per minute | | |
| Tip Size | .02 | 3 in. | | |
| Weight | 295 lb | 135 kg | | |
| Wetted parts | of Stainless Steel, Zinc and | 304, 440 and 17–PH Grades d Nickel Plating, Ductile Iron, FE; Leather, Aluminum | | |
| Operating temperature range | 23° to 120° F | -5° to 50° C | | |
| Maximum fluid temperature | See Models information in | n Operation/Repair manual. | | |
| Input voltage | 200-240 VAC, sing | gle phase, 50/60 Hz | | |
| Input power | 2.5 | kVA | | |
| Minimum Recommended generator size | 5 kW | | | |
| Oil capacity | 1.0–1.2 quarts 0.9–1.1 liters | | | |
| Oil specification | Graco part number 16W645 silicone-free ISO 220 synthetic EP gear oil | | | |
| Inlet / Outlet Sizes | | | | |
| Fluid inlet size | 1 in. npt(m) [also inclu 1 in. npt(m) | ides 1 in. nps(swivel) to adapter elbow] | | |
| Fluid outlet size | 1/2 npt(m) [also includes 1/2 | 2 npt(f) to 3/8 npt(m) adapter] | | |
| Hose Requirements | | | | |
| Minimum pressure | The minimum hose pressur greater than the maximum flu | e rating should be equal to or uid working pressure of sprayer | | |
| Minimum length | 50 ft. | 15 m | | |
| Minimum ID | 3/8 in. | 10mm | | |
| Maximum resistance per ISO 8028 | 9,100 ohms/ft | 30,000 ohms/m | | |
| Sound Emissions (per ISO 9614) for Normal (| Operation (Spraying @ 20 cpn | n) | | |
| Sound Pressure LpA Average | 70.2 dBA | | | |
| Sound Power LwA Total Power | 76.7 dBA | | | |
| Sound Emissions (per ISO 9614) for Maximum Speed (Flushing @ 44 cpm) | | | | |
| Sound Pressure LpA Average | 77.4 dBA | | | |
| Sound Power LwA Total Power | 85.1 dBA | | | |

| Ex45 e-Xtreme Sprayers | | | | |
|---|--|---|--|--|
| | U.S. Metric | | | |
| Maximum fluid working pressure | 4500 psi | 310 bar, 31.0 MPa | | |
| Stroke length | 4.75 in. | 120 mm | | |
| Maximum continuous cycle rate | 44 cycles | per minute | | |
| Tip Size | .02 | 1 in. | | |
| Weight | 295 lb | 135 kg | | |
| Wetted parts | of Stainless Steel, Zinc and | 304, 440 and 17–PH Grades d Nickel Plating, Ductile Iron, FE; Leather, Aluminum | | |
| Maximum fluid temperature | See Models information in | n Operation/Repair manual. | | |
| Operating temperature range | 23° to 120° F | -5° to 50° C | | |
| Input voltage | 200–240 VAC, sin | gle phase, 50/60 Hz | | |
| Input power | 2.5 | kVA | | |
| Minimum Recommended generator size | 5 | kW | | |
| Oil capacity | 1.0–1.2 quarts 0.9–1.1 liters | | | |
| Oil specification | Graco part number 16W645 silicone-free ISO 220 synthetic EP gear oil | | | |
| Inlet / Outlet Sizes | | | | |
| Fluid inlet size | | ides 1 in. nps(swivel) to adapter elbow] | | |
| Fluid outlet size | 1/2 npt(m) [also includes 1/2 | 2 npt(f) to 3/8 npt(m) adapter] | | |
| Hose Requirements | | | | |
| Minimum pressure | | e rating should be equal to or iid working pressure of sprayer | | |
| Minimum length | 50 ft. | 15 m | | |
| Minimum ID | 3/8 in. | 10mm | | |
| Maximum resistance per ISO 8028 | 9,100 ohms/ft | 30,000 ohms/m | | |
| Sound Emissions (per ISO 9614) for Normal Operation (Spraying @ 20 cpm) | | | | |
| Sound Pressure LpA Average | 70.2 dBA | | | |
| Sound Power LwA Total Power | 76.7 dBA | | | |
| Sound Emissions (per ISO 9614) for Maximum Speed (Flushing @ 44 cpm) | | | | |
| Sound Pressure LpA Average | 77.4 dBA | | | |
| Sound Power LwA Total Power | 85.1 dBA | | | |