



# Vehicle Service Equipment Buyer's Guide

Fluid Handling Equipment for Industrial and Commercial Applications

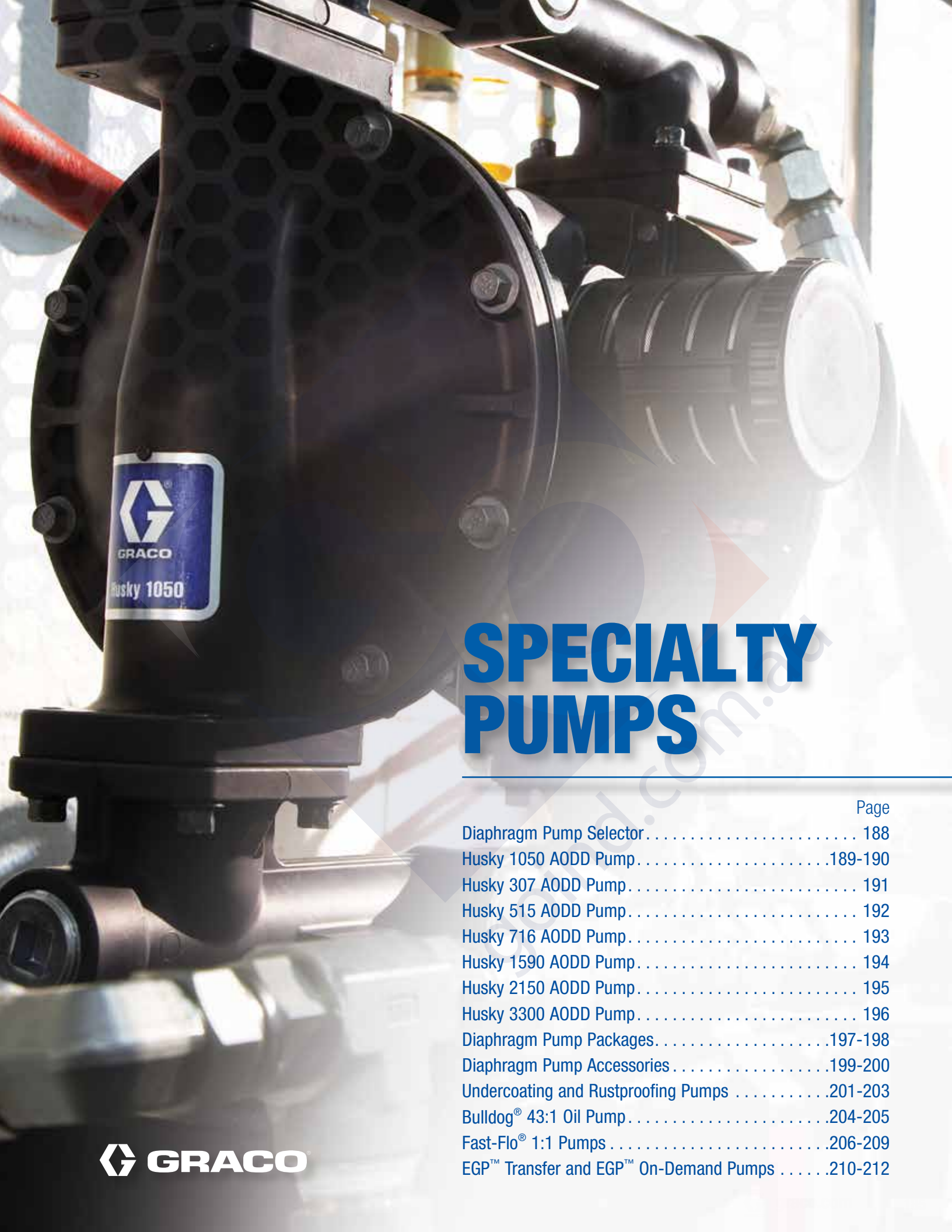


Construction | Fleets and Transportation | Industrial | Mining | Energy | Agriculture

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# SPECIALTY PUMPS

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# Diaphragm Pump Selection Guide



Specialty Pumps

Husky Series	Part Number	Pump Description	Fluids	Listings	Max PSI	Reference Pages
 <b>Husky 307</b>	D31255	Husky 307 Acetal – 3/8 in Acetal/TPE	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> <li>• Water</li> <li>• Antifreeze</li> <li>• Windshield wash fluid</li> </ul>	–	100 psi (6.9 bar)	189
 <b>Husky 515</b>	243669	Husky 515 Acetal Split Inlet – 3/4 in Acetal/Buna Dual Inlet	<ul style="list-style-type: none"> <li>• 50/50 windshield wash solution</li> <li>• Water</li> <li>• Antifreeze</li> </ul>	–	100 psi (6.9 bar)	190
 <b>Husky 716</b>	241906	Husky 716 Aluminum – 3/4 in Aluminum/Buna-N	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> <li>• Water</li> <li>• Antifreeze</li> <li>• Windshield wash fluid</li> </ul>	–	100 psi (6.9 bar)	191
 <b>Husky 1050</b>	647016	Husky 1050 Aluminum – 1 in Aluminum/TPE	<ul style="list-style-type: none"> <li>• Water</li> <li>• Antifreeze</li> <li>• Fuel transfer</li> <li>• Gasoline (up to 10% ethanol)</li> </ul>	UL	100 psi (6.9 bar)	187-188
 <b>Husky 1050</b>	647731	Husky 1050 Aluminum – 1 in Aluminum/Buna-N	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> </ul>	UL	100 psi (6.9 bar)	187-188
 <b>Husky 1050</b>	647648	Husky 1050 Aluminum – 1 in Aluminum/TPE	<ul style="list-style-type: none"> <li>• Fuel dispense</li> <li>• Gasoline (up to 10% ethanol)</li> </ul>	UL	50 psi (3.5 bar)	187-188
 <b>Husky 1590</b>	DB3525	Husky 1590 Aluminum – 1.5 in Aluminum/TPE	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> <li>• Water</li> <li>• Antifreeze</li> </ul>	–	120 psi (8.3 bar)	192
 <b>Husky 2150</b>	DF3525	Husky 2150 Aluminum – 2 in Aluminum/TPE	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> <li>• Water</li> <li>• Antifreeze</li> </ul>	–	120 psi (8.3 bar)	193
 <b>Husky 3300</b>	652002	Husky 3300 Aluminum – 3 in Aluminum/TPE	<ul style="list-style-type: none"> <li>• Oil evacuation</li> <li>• Oil transfer</li> <li>• Water</li> <li>• Antifreeze</li> </ul>	–	125 psi (8.6 bar)	194



**UL  
Listed!**

## Efficiency, Performance and Best-in-Class Engineering

Husky pneumatic double-diaphragm pumps feature a stall-free, low-pulsation air valve, which provides a smooth and rapid changeover. Typical applications include oil transfer and evacuation, fuel dispense and transfer, windshield wash solution dispense, and water and antifreeze dispense. Some models UL-approved for use in pumping gasoline and gasoline/alcohol blends up to 10% ethanol, diesel fuel, fuel oil and lubricating oil.



### Modular Air Valve

Stall-free, low-pulsation operation provides smooth and rapid changeover

### One-Piece Center Section

Eliminates air leaks for more efficient operation

### Longer Diaphragm Life

Up to 5x longer diaphragm life for less maintenance and downtime

### Four-Bolt Joint Design

Bolted design provides even sealing pressure for leak-free operation

### Multiple Ports

Increased number of ports for installation flexibility

Specialty Pumps

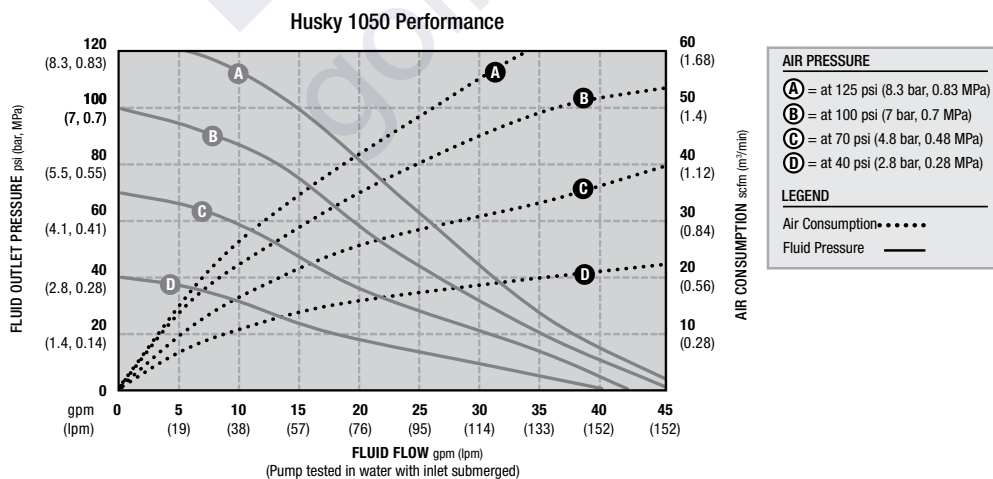
### Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

### Typical Fluids Handled

- Oil
- Fuel
- Water
- Antifreeze
- Washer fluid

### Pump Performance



# Husky 1050 AODD Pump



## Technical Specifications

Maximum fluid working pressure	
Transfer Pump	100 psi (6.9 bar, 0.69 MPa)
Fuel Dispense Pump	50 psi (3.5 bar, 0.35 MPa)
Air pressure operating range	
Transfer Pump	20 psi to 100 psi (1.4 bar to 6.9 bar, 0.14 MPa to 0.69 MPa)
Fuel Dispense Pump	0 psi to 50 psi (1.4 bar to 3.5 bar, 0.14 MPa to 0.35 MPa)
Air consumption at 70 psi (0.48 MPa, 4.8 bar), 20 gpm (76 lpm)	25 scfm
Air consumption at 50 psi (0.35 MPa, 3.5 bar), full flow	25 scfm
Fluid displacement per cycle	0.17 gal (0.64 l)
Maximum values with water as media under submerged inlet conditions at ambient temperature:	
Maximum air consumption	64 scfm
Maximum free-flow delivery	
Transfer Pump	50 gpm (189 lpm)
Fuel Dispense Pump	38 gpm (144 lpm)
Maximum pump speed	
Transfer Pump	275 cpm
Fuel Dispense Pump	210 cpm
Maximum suction lift (varies widely based on ball/seat selection and wear, operating speed, material properties and other variables)	16 ft (4.9 m) dry, 29 ft (8.8 m) wet
Maximum-size pumpable solids	1/8 in (3.2 mm)
Recommended cycle rate for continuous use	93 cpm to 140 cpm
Recommended cycle rate for circulation systems	20 cpm
Sound Power*	
at 70 psi (0.48 MPa, 4.8 bar) and 50 cpm	78 dB(A)
at 100 psi (0.7 MPa, 7.0 bar) and full flow	90 dB(A)
Sound Pressure**	
at 70 psi (0.48 MPa, 4.8 bar) and 50 cpm	84 dB(A)
at 100 psi (0.7 MPa, 7.0 bar) and full flow	96 dB(A)
Operating temperature range	10°F to 150°F (-12°C to 65°C)
Air inlet size	1/2 in NPT(F)
Fluid inlet size	1 in NPT(F)
Fluid outlet size	1 in NPT(F)
Weight	23 lb (10.5 kg)
Wetted parts	Aluminum, TPC-ET, acetal, PTFE, Buna-N
Non-wetted external parts	Aluminum, coated carbon steel
Instruction manual	313597

\*Sound power measured per ISO-9614-2.

\*\*Sound pressure was tested 3.28 ft (1 m) from equipment.

## Ordering Information

### Husky 1050 AODD Pumps

Part Number	Description	Maximum Fluid Working Pressure	Fluids Handled
647016	Husky 1050 Aluminum Pump – 1 in, Aluminum/TPE	100 psi (6.9 bar)	Water / antifreeze / fuel transfer
647731	Husky 1050 Aluminum Pump – 1 in, Aluminum/Buna-N	100 psi (6.9 bar)	Oil evacuation / oil transfer
647648	Husky 1050 Aluminum Pump – 1 in, Aluminum/TPE	50 psi (3.5 bar)	Fuel dispense



## Husky 307 AODD Pump

- 3/8 in fluid connections
- Fluid delivery up to 7 gpm (26.5 lpm)
- Operate as low as 20 psi up to 100 psi for max flow
- Maximum working pressure of 100 psi for long line runs
- End porting available
- High-efficiency air valve operates at maximum of 6 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	100 psi (6.9 bar, 0.69 MPa)
Maximum free-flow delivery*	7.0 gpm (26.5 lpm)
Maximum pump speed	330 cpm
Fluid displacement per cycle**	0.02 gal (0.076 l)
Maximum suction lift	12 ft (3.7 m) dry
Maximum-size pumpable solids	0.06 in (1.5 mm)
Maximum ambient operating temperature***	180°F (82.2°C)
Maximum diaphragm operating temperature***	150°F (65.6°C)
Typical sound level at 50 psi (3.5 bar, 0.35 MPa) air @ 50 cpm	75 dB(A)
Maximum air consumption	6 scfm (0.17 m <sup>3</sup> /min)
Air pressure operating range	20 psi to 100 psi (1.4 bar to 6.9 bar, 0.14 MPa to 0.69 MPa)
Air inlet size	1/4 NPT(F) or BSPT(F)
Fluid inlet size	3/8 NPT(F)
Fluid outlet size	3/8 NPT(F)
Weight	5.2 lb (2.4 kg)
Wetted parts	Acetal with stainless steel fibers, PTFE
Instruction manual	308553

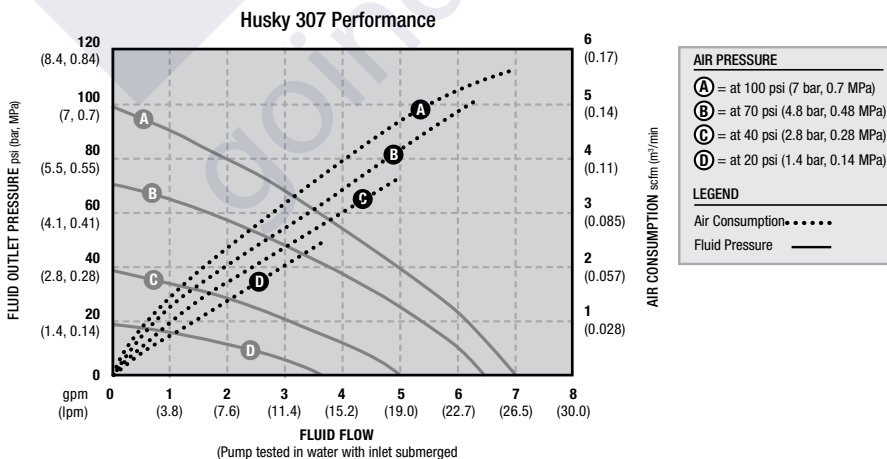
\*Flow rates are with muffler and do not vary based on diaphragm material. \*\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. \*\*\*Actual pump performance may be affected by prolonged usage at temperature.

### Ordering Information

#### Husky 307 AODD Pump

Part Number	Description
D31255	Husky 307 Acetal Pump – 3/8 in, Acetal/TPE

### Pump Performance





## Husky 515 AODD Pump

- 1/2 in fluid connections
- Fluid delivery up to 15 gpm (56.7 lpm)
- Operate as low as 30 psi up to 100 psi for max flow
- Maximum working pressure of 100 psi for long line runs
- Center and end porting options available
- High-efficiency air valve operates at maximum of 28 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	100 psi (6.9 bar, 0.69 MPa)
Maximum free-flow delivery*	15 gpm (57 l/min)
Maximum pump speed	400 cpm
Fluid displacement per cycle**	0.04 gal (0.15 l)
Maximum suction lift	15 ft (4.5 m) dry, 25 ft (7.6 m) wet
Maximum-size pumpable solids	3/32 in (2.5 mm)
Maximum ambient operating temperature***	180°F (82.2°C)
Maximum diaphragm operating temperature***	180°F (82.2°C)
Typical sound level at 70 psi (4.8 bar, 0.48 MPa) air @ 50 cpm	77 dB(A)
Maximum air consumption	28 scfm (0.672 m <sup>3</sup> /min)
Air pressure operating range	30 psi to 100 psi (2.1 bar to 6.9 bar, 0.21 MPa to 0.69 MPa)
Air inlet size	1/4 NPT(F)
Fluid inlet size	3/4 in NPT(F)
Fluid outlet size	1/2 and 3/4 in NPT(F)
Weight	7.8 lb (3.5 kg)
Wetted parts	Groundable acetal, Buna-N, PTFE
Instruction manual	309204

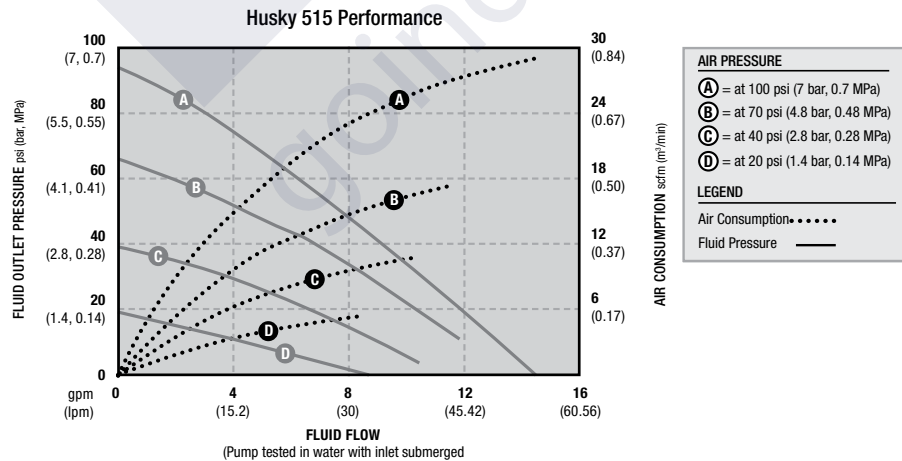
\*Flow rates are with muffler and do not vary based on diaphragm material. \*\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. \*\*\*Actual pump performance may be affected by prolonged usage at temperature.

### Ordering Information

#### Husky 515 AODD Pump

Part Number	Description
243669	Husky 515 Acetal Split Inlet – 3/4 in, Acetal/Buna Dual Inlet

### Pump Performance







## Husky 716 AODD Pump

- 3/4 in fluid connections
- Fluid delivery up to 16 gpm (60.6 lpm)
- Operate as low as 30 psi up to 100 psi for max flow
- Maximum working pressure of 100 psi for long line runs
- Center and end porting options available
- High-efficiency air valve operates at maximum of 28 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	100 psi (6.9 bar, 0.69 MPa)
Maximum free-flow delivery*	16 gpm (61 l/min)
Maximum pump speed	400 cpm
Fluid displacement per cycle**	0.04 gal (0.15 l)
Maximum suction lift	15 ft (4.5 m) dry, 25 ft (7.6 m) wet
Maximum-size pumpable solids	3/32 in (2.5 mm)
Maximum ambient operating temperature***	180°F (82.2°C)
Maximum diaphragm operating temperature***	180°F (82.2°C)
Typical sound level at 70 psi (4.8 bar, 0.48 MPa) air @ 50 cpm	77 dB(A)
Maximum air consumption	28 scfm (0.672 m <sup>3</sup> /min)
Air pressure operating range	25 psi to 100 psi (1.8 bar to 6.9 bar, 0.18 MPa to 0.69 MPa)
Air inlet size	1/4 NPT(F)
Fluid inlet size	3/4 in NPT(F)
Fluid outlet size	3/4 in NPT(F)
Weight	8.5 lb (3.9 kg)
Wetted parts	Buna-N, acetal, aluminum, stainless steel, PTFE, zinc-plated steel
Instruction manual	308573

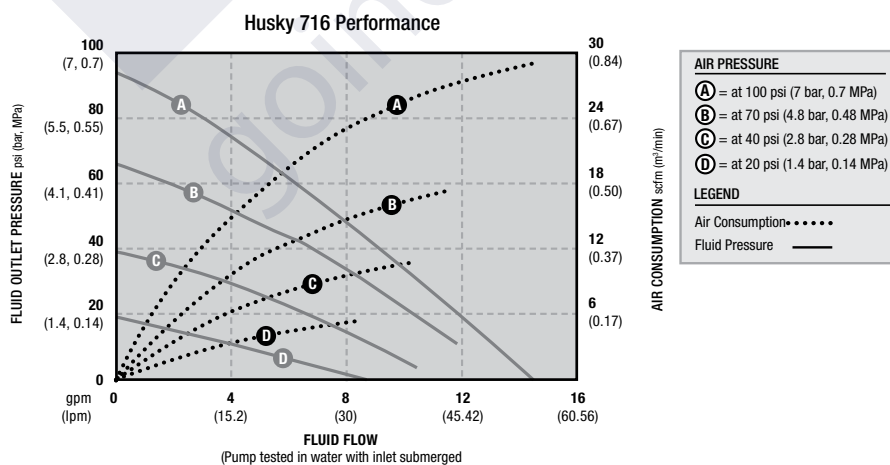
\*Flow rates are with muffler and do not vary based on diaphragm material. \*\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. \*\*\*Actual pump performance may be affected by prolonged usage at temperature.

### Ordering Information

#### Husky 716 AODD Pump

Part Number	Description
241906	Husky 716 Aluminum – 3/4 in, Aluminum/Buna-N

### Pump Performance





## Husky 1590 AODD Pump

- 1-1/2 in fluid connections
- Fluid delivery up to 90 gpm (340.7 lpm)
- Operate as low as 20 psi up to 120 psi for max flow
- Maximum working pressure of 120 psi for long line runs
- End porting available
- High-efficiency air valve operates at maximum of 125 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)
Maximum free-flow delivery*	100 gpm (378.5 l/min)
Maximum pump speed	200 cpm
Fluid displacement per cycle**	0.5 gal (1.96 l)
Maximum suction lift	20 ft (6.1 m) dry
Maximum-size pumpable solids	0.19 in (4.8 mm)
Maximum ambient operating temperature***	150°F (65.5°C)
Maximum diaphragm operating temperature***	150°F (65.5°C)
Typical sound level at 70 psi (4.8 bar, 0.48 MPa) air @ 125 cpm	77 dB(A)
Maximum air consumption	125 scfm (3.5 m <sup>3</sup> /min)
Air pressure operating range	20 psi to 100 psi (1.4 bar to 6.9 bar, 0.14 MPa to 0.69 MPa)
Air inlet size	1/2 NPT(F)
Fluid inlet size	1-1/2 NPT(F) or BSPT(F)
Fluid outlet size	1-1/2 NPT(F) or BSPT(F)
Weight	33.5 lb (15.2 kg)
Wetted parts	Acetal, aluminum, TPE, PTFE
Instruction manual	308441

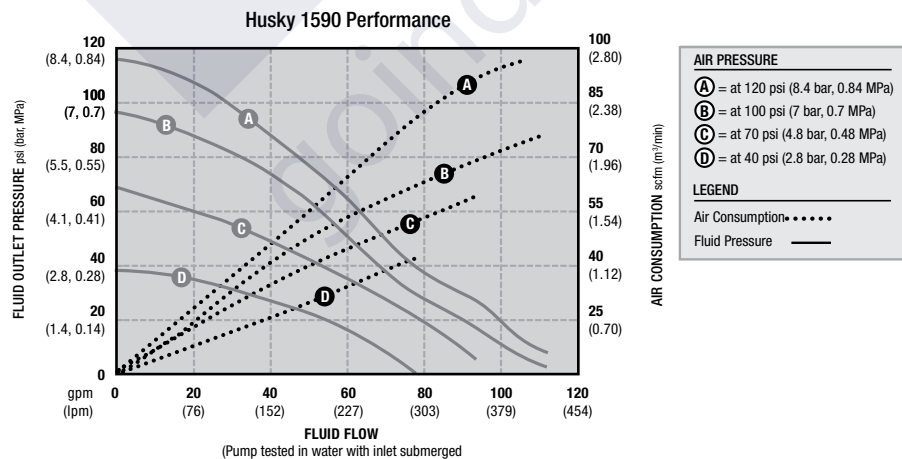
\*Flow rates are with muffler and do not vary based on diaphragm material. \*\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. \*\*\*Actual pump performance may be affected by prolonged usage at temperature.

### Ordering Information

## Husky 1590 AODD Pump

Part Number	Description
DB3525	Husky 1590 Aluminum – 1.5 in, Aluminum/TPE

### Pump Performance





## Husky 2150 AODD Pump

- 2 in fluid connections
- Fluid delivery up to 150 gpm (567.8 lpm)
- Operate as low as 20 psi up to 120 psi for max flow
- Maximum working pressure of 120 psi for long line runs
- End porting available
- High-efficiency air valve operates at maximum of 175 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	120 psi (8.4 bar, 0.84 MPa)
Maximum free-flow delivery*	150 gpm (568 l/min)
Maximum pump speed	145 cpm
Fluid displacement per cycle**	1.03 gal (3.9 l)
Maximum suction lift	20 ft (6.1 m) dry
Maximum-size pumpable solids	0.25 in (6.3 mm)
Maximum ambient operating temperature***	150°F (65.5°C)
Maximum diaphragm operating temperature***	150°F (65.5°C)
Typical sound level at 70 psi (4.8 bar, 0.48 MPa) air @ 125 cpm	78 dB(A)
Maximum air consumption	175 scfm (4.9 m <sup>3</sup> /min)
Air pressure operating range	20 psi to 120 psi (1.4 bar to 8.4 bar, 0.14 MPa to 0.84 MPa)
Air inlet size	1/2 NPT(F)
Fluid inlet size	2 in NPT(F)
Fluid outlet size	2 in NPT(F)
Weight	58 lb (26.3 kg), 62 lb (28.1 kg) – Extended
Wetted parts	Acetal, aluminum, TPE, PTFE
Instruction manual	308368

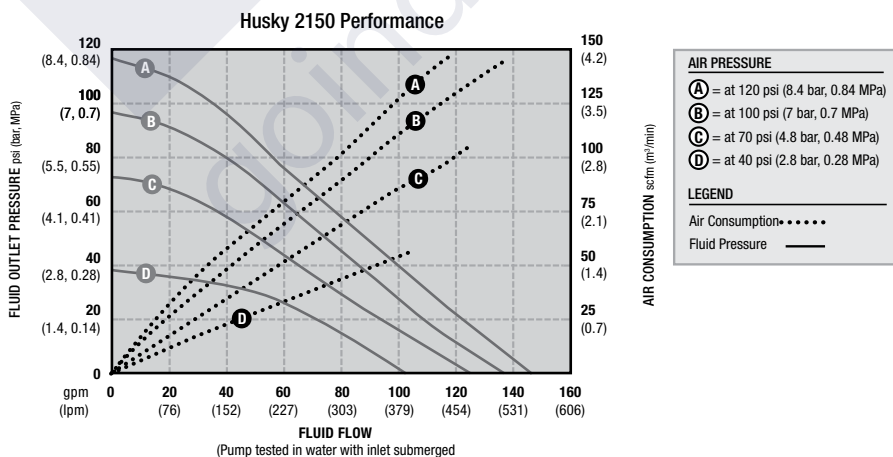
\*Flow rates are with muffler and do not vary based on diaphragm material. \*\*Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. \*\*\*Actual pump performance may be affected by prolonged usage at temperature.

### Ordering Information

#### Husky 2150 AODD Pump

Part Number	Description
DF3525	Husky 2150 Aluminum – 2 in, Aluminum/TPE

### Pump Performance





## Husky 3300 AODD Pump

- 3 in fluid connection
- Fluid delivery up to 300 gpm (1,135.6 lpm)
- Operate as low as 20 psi up to 125 psi for max flow
- Maximum working pressure of 125 psi for long line runs
- Rotatable center porting available
- High-efficiency air valve operates at maximum of 335 scfm
- Groundable to reduce risk of static and electric shock

### Technical Specifications

Maximum fluid working pressure	125 psi (8.4 bar, 0.84 MPa)
Maximum free-flow delivery*	300 gpm (1,135 l/min)
Maximum pump speed	103 cpm
Fluid displacement per cycle**	2.9 gal (11 l)
Maximum suction lift	8 ft (2.4 m) dry, 28 ft (8.5 m) wet
Maximum-size pumpable solids	0.5 in (13 mm)
Maximum ambient operating temperature***	150°F (65.5°C)
Maximum diaphragm operating temperature***	150°F (65.5°C)
Typical sound level at 50 psi (3.4 bar, 0.34 MPa) air @ 50 cpm	92 dB(A)
Maximum air consumption	335 scfm (9.5 m <sup>3</sup> /min)
Air pressure operating range	20 psi to 125 psi (1.4 bar to 8.6 bar, 0.14 MPa to 0.86 MPa)
Air inlet size	3/4 NPT(F)
Fluid inlet size	3 in (76.2 mm) NPT or BSPT with ANSI/DIN flange
Fluid outlet size	3 in NPT(F) or BSPT(F)
Weight	150 lb (68 kg)
Wetted parts	Acetal, aluminum, carbon-coated steel, TPE
Instruction manual	3A0410

\*Maximum values with water as media at ambient temperature. Water level is approximately 3 ft above pump inlet.

\*\*Startup pressures and displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type.

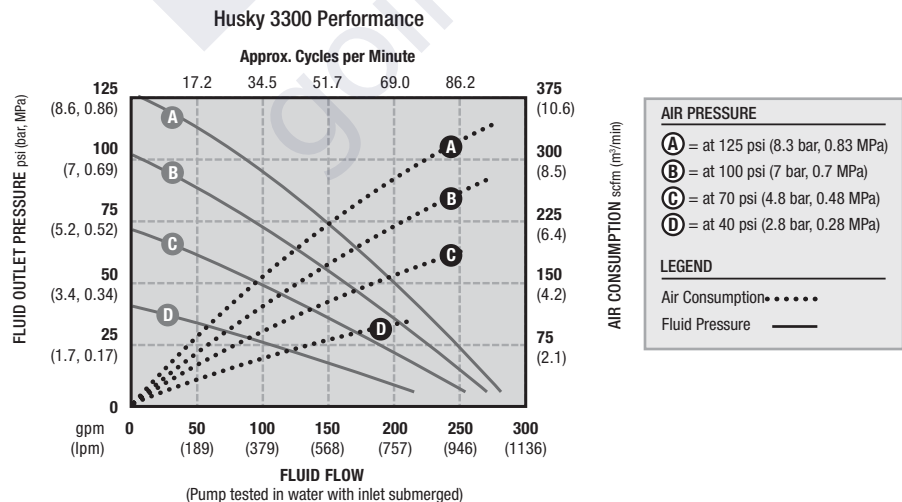
\*\*\*Sound power measured per ISO-9614-2. Sound pressure was tested 3.28 ft (1 m) from equipment.

### Ordering Information

#### Husky 3300 AODD Pump

Part Number	Description
652002	Husky 3300 Aluminum – 3 in, Aluminum/TPE

### Pump Performance





## Ordering Information

### Pre-Mixed Windshield Wash Solvent and Coolant Dispense



Package Number	237161	
Pump Type	Husky 307	
Pump	D31255	
Installation Kit	237160	
Installation Kit Includes	Air Filter	110146
	Air Gauge	108190
	Air Regulator	110318
	Fluid Connect Hose – 4 ft	220596
	Air Connect Hose – 6 ft	109125
	Mounting Bracket	190125
	Suction Kit	223888
Wall Bracket Kit	224835	
Instruction Manual	308426	

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## Ordering Information

### Bulk Antifreeze and Windshield Solvent Transfer Packages




Package Number	244679	244680	244681	244682
Pump Type	Husky 1050 – Dual Inlet	Husky 1050 – Single Inlet	Husky 515 – Dual Inlet	Husky 716 – Single Inlet
Pump	647016	647016	243669	241906
Air Regulator	244844	244844	110147	110147
Fluid Connect Hose	115042	115042	109105	109105
Air Connect Hose	205418	205418	109125	109125
Air Shut-Off Valve	110225	110225	110223	110223
Wall Mount Bracket	24C637	24C637	224835	224835
Dual Inlet Manifold	24D147	–	–	–
Suction Kit	(2) 236054	236054	(2) 236054	236054
Thermal Relief Kit	238428	238428	238428	238428
Instruction Manual	309353	309353	309353	309353


## Air Line Filters

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	110146	110146	106148	106149	106150	106150


## Air Regulator and Gauge

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	110147	110147	244844	202858	206199	207651


## Air Quick-Connect Coupler

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	208536	208536	110199	110199	110199	110200


## Air Quick-Connect Nipple

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	169970	169970	110196	110196	110196	110197


## Bleed-Type Air Valve

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	110223	110223	110224	110225	110225	110226


## Dual-Inlet Manifold

	Husky Pump	307	515	1050	1590	2150	3300
	Part Number	237211	194347	24D205	-	-	-

## Grounding Wire and Clamp


	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	222011	222011	238909	222011	238909	238909

## Suction Hose Kit


	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	236054	236054	236054	222916	222916	-

# Diaphragm Pump Accessories


## Thermal Relief Kit

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	238899	238428	238428	-	-	-

## Thermal Relief Valves – 150 psi (10.3 bar)

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	113497 al/bn, 112119 ss/ty					

## Wall Bracket

	Husky Pump	307	515/716	1050	1590	2150	3300
	Part Number	224835	224835	24C637	-	-	-

## Air-Operated Double-Diaphragm Transfer Pumps Replacement Parts

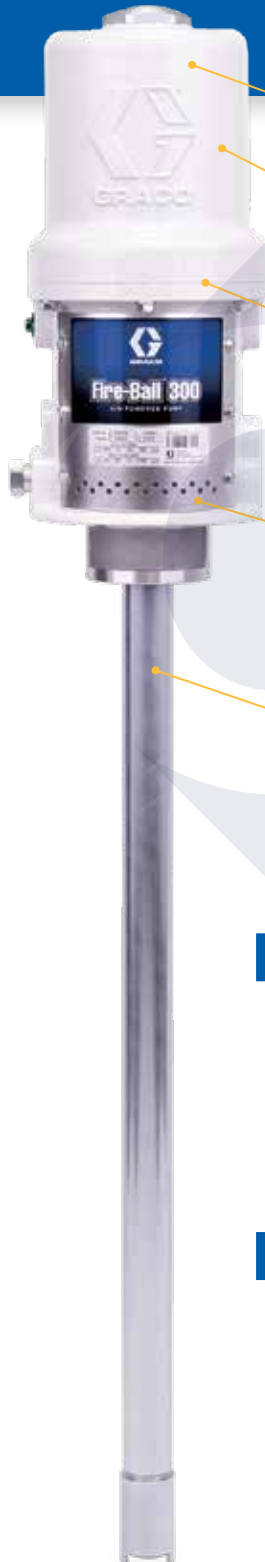
									
Pump Number	D31255	243669	241906	647016	647731	647648	DB3525	DF3525	652002
Air Valve Replacement Kit	239952	241657	241657	24B768	24B768	24B768	236273	236273	24K860
Seats	D03200	D05200	D05200	24B634	24B632	24B634	D0B500	D0F500	24K932
Balls	D03050	D05070	D05070	24B639	24B639	24B639	D0B020	D0F020	24K937
Diaphragm Kit	D03005	D05007	D05007	24B624	24B624	24B624	D0B005	D0F005	24K901
Fluid Repair Kit (Ball, Seats, Diaphragm)	D03255	D05277	D05277	25A857	-	25A857	D0B525	D0F525	25A874



**7 Year  
Warranty!**

## Ideal for Undercoating and Rustproofing Application in Medium-Sized Shops

Utilizing the durable Fire-Ball® 300 pump, these kits are designed for use in medium-volume undercoating and rustproofing dispense applications. A three-inch differential air motor ensures smooth pumping, and the double-acting pump design provides reliable material flow and accurate dispense.



### Durable

Thick cast aluminum air motor housing offers unmatched durability.

### Superior Material Handling

Double-acting pump ensures smooth fluid flow.

### Extended Seal Life

In-line pump design aligns the air motor piston and fluid piston rods to maximize seal life.

### Wetted-Parts Options

Available in carbon steel for petroleum-based or SST for water-based materials.

### Corrosion-Resistant

Corrosion-resistant design utilizes liquid nitriding, nickel plating, stainless steel, aluminum and chrome on key components for longer life.

### Typical Applications

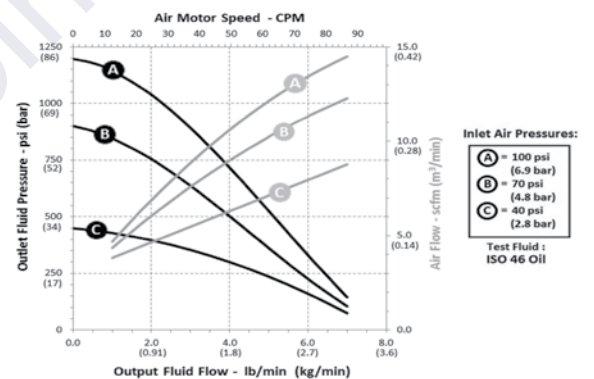
- Undercoating, rustproofing and sound-deadening materials
- Automotive and heavy-duty vehicle dealerships
- Fast lube centers and service shops
- Fleet service facilities

### Typical Fluids Handled

- Undercoating and rustproofing (Verify chemical compatibility for pump's wetted components with undercoating material supplier or contact Graco directly at 1-800-533-9655)

### Pump Performance

#### Fire-Ball 300 15:1 Pumps



## Technical Specifications

Fluid Pressure Ratio	15:1
Air Motor Effective Diameter	3 in (76.2 mm)
Annual Usage	Up to 10,000 lb (4,535 kg)
Maximum Fluid Working Pressure	2,700 psi (186 bar / 18.6 MPa)
Approximate Free-Flow Rate @ 100 psi	7.5 lb/min (3.4 kg/min)
Output per Cycle	1.29 oz (36.6 g)
Continuous-Duty Flow Rate	0.7 lb/min (0.32 kg/min)
Approximate Air Use and Flow @ 100 psi (80 cpm)	14 @ 6.5 lb/min (0.40 @ 2.9 kg/min)
Air Inlet	3/8 in NPT(F)
Fluid Outlet	1/4 in NPT(F)
Air Operation Range	40 psi to 180 psi (2.8 bar to 12.5 bar)
Max Recommended Pump Speed	66 cpm
Cycles per Pound	12.4 cpp
Cycles per Kg	27 cpk
Wetted Parts	CS, AL, leather, PTFE, rubber
Sound Pressure Level	77.8 dB(A)
Sound Power Level	85.6 dB(A)
Approximate Weight	22 lb (10 kg)
Instruction Manual	306531

## Ordering Information

### Undercoating Packages




Package Number	222077	226342	226269
Type of Package	Stationary	Portable Dolly-Mounted	Stationary
Ratio	15:1	15:1	15:1
Container Size	35 lb (16 kg)	120 lb (54 kg)	400 lb (180 kg)
Pump Part Number	206405	206699	206700
Dispense Kit*	222079	222079	222082
Tip	286517	286517	286517
Hose Length	15 ft (4.6 m)	15 ft (4.6 m)	25 ft (7.6 m)
Drum Cover	222058	204574	200326
Portable Base	–	204144	–
Instruction Manual	307879	307879	307879


\*Dispense kit includes Air Regulator (110234), Air Gauge (100960), Spray Gun (234237)

## Ordering Information


### Application Gun

	Part Number	Description
	234237	Four-finger silver gun with tip guard 243161 and tip 286517. 4,500 psi (310 bar) x 3/8 NPT(f) inlet. Must order 155570 adapter and 239663 straight swivel to accommodate gun to 1/4 in (mbe) hose.


### Bung Adapter

	Part Number	Description
	239966	Bung adapter compatible with Fire-Ball 300, 15:1 pump


### Filter

	Part Number	Description
	214570	60-mesh aluminum filter, 3/8 NPT(F) inlet, 1/4 NPT(F) outlet. Maximum working pressure 3,000 psi (210 bar).

### Nozzle Extension

	Part Number	Description
	206496	Nozzle extension delivers 360° coating fan into blind areas. Length 30-3/4 in (99 cm) x 7/8-14(f) end. Tip 206502, size .043.

### Replacement Screen Elements (SST)

		Part Number		
		30 Mesh	60 Mesh	100 Mesh
	3-Pack	224458	224459	224469
	25-Pack	238436	238438	238440

### Swivel

	Part Number	Description
	202577	Z-swivel allows non-binding movement for hard-to-reach locations. Order 155570 adapter separately to accommodate 234237 gun.



**1 Year**  
Warranty

## Reliable Operation in the Harshest Environments

With its efficient, large-ported air valve, the Bulldog 43:1 air-powered pump is the highest-performing in its class. Downtime is minimized by an air motor design that has been developed and tested for more than 10 million cycles of operation.



### Added Safety

Grounded lug prevents static buildup.

### Easy Installation

Compact, low-profile design makes installation easier.

### Corrosion-Resistant

Lightweight aluminum construction.

### Built-In Reliability

Tested to 10 million cycles without failure.

### Typical Applications

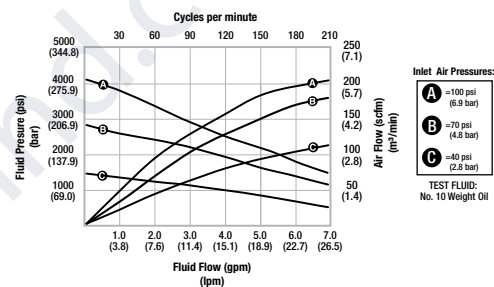
- Supplies hydraulic oil to accumulators in oil rig blow-out prevention systems.

### Typical Fluids Handled

- Hydraulic oil

### Pump Performance

#### Bulldog 43:1 Pumps





## Technical Specifications

Fluid Pressure Ratio	43:1
Maximum Fluid Working Pressure	4,300 psi (301 bar / 30.1 MPa)
Maximum Air Input Pressure	100 psi (7 bar)
Air Inlet	3/4 in NPSM(F)
Fluid Inlet	1 in NPT(F)
Fluid Outlet	3/4 in NPT(F)
Wetted Parts	Carbon steel, stainless steel, chrome plating, zinc plating, nickel plating, brass, Buna-N
Instruction Manual	309966

## Ordering Information

### Bulldog 43:1 Pumps

Part Number	Description
218334	43:1 Bulldog hydraulic supply pump

### Accessories

#### Air Pressure Regulators

Part Number	Description
206197	1/2 in NPT inlet and outlet
207755	3/4 in NPT inlet and outlet

#### Air Line Filters

Part Number	Description
106149	1/2 in NPT inlet and outlet
106150	3/4 in NPT inlet and outlet

#### Air Line Lubricators

Part Number	Description
214848	1/2 in NPT inlet and outlet
214849	3/4 in NPT inlet and outlet

#### Grounding Clamp and Wire

Part Number	Description
103538	Grounding clamp
222011	Ground wire

#### Bleed-Type Master Air Valve

Part Number	Description
107142	1/2 in NPT inlet and outlet

#### Repair Kits

Part Number	Description
24U227	Pump lower repair kit
24U228	Air motor repair kit
24W515	Pump and air motor repair kit



## Used for Low-Volume Dispense of a Variety of Fluids

This air-operated piston pump is ideal for pumping various fluids and provides a continuous-duty flow rate of up to 5 gpm.



### High-Quality Air Motor

Differential air motor ensures smooth pumping.

### Lightweight Design

Allows for easy transport and drum insertion.

### Easily Controlled Flow Rate

Simple regulation of air supply controls flow rate.

### Submersible Suction Tube

Stubby and drum length suction tubes eliminate the need for suction pipe or tube.

### Corrosion Resistance

Available stainless steel models offer protection in harsh environments.

Specialty Pumps

### Typical Applications

- Low-pressure, high-volume transfer of low viscosity fluids
- Automotive dealerships
- Heavy-duty dealerships
- Fast lube centers
- Fleet service facilities
- Service shops
- In-plant
- Lube trucks
- Mining

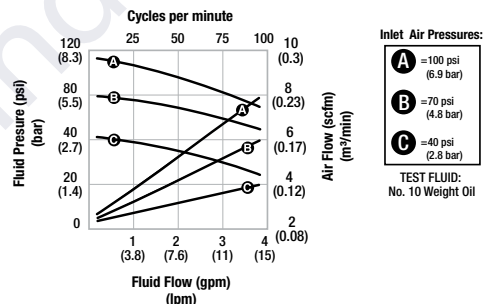
### Typical Fluids Handled

- Water
- Antifreeze
- Windshield wash fluid

NOTE: Use Fast-Ball® 1:1 for petroleum-based products.

### Pump Performance

#### Fast-Flo 1:1 Pumps





## Technical Specifications

Fluid Pressure Ratio	1:1
Air Motor Effective Diameter	1.4 in (35.6 mm)
Maximum Fluid Working Pressure	180 psi (12 bar/1.2 Mpa)
Approximate Free-Flow Rate @ 100 psi (80 cpm)	5 gal/min (19 liters/min)
Output per Cycle	151 cc
Approximate Air Use and Flow @ 100 psi (80 cpm)	7 csfm @ 3.1 gpm (0.2 m <sup>3</sup> /mm @ 11.71 lpm)
Air inlet	1/4 in NPT(F)
Fluid Inlet	1-1/2 in NPT(F)
Fluid Outlet	3/4 in NPT(F)
Air Operations Range	40 psi to 180 psi (2.8 bar to 12 bar)
Maximum Pump Speed	100 cpm
Cycles per Gallon	25 cpg
Cycles per Liter	6.6 cpl
Wetted Parts	See ordering info
Sound Pressure Level	72 dB(A)
Sound Power Level	82 dB(A)
Instruction Manual	307427

## Ordering Information

### Fast-Flo 1:1 Pumps

Includes motor and pump lower assembly.



Fluid	Length	Tube Material	Seal Material	Approvals	Part Number
Antifreeze, Windshield Washer Solvent, ATF, Oil	Drum	Stainless Steel	Polyethylene	ETL, CE, EX	226942
	Universal	Stainless Steel	Polyethylene	ETL, CE, EX	226945
Oil	Drum	Carbon Steel	Buna-N	CE	226947
			Buna-N	CE	226951*
			Leather	CE, EX	237133
			PTFE	CE, EX	237134
			Leather	ETL, CE, EX	226940
			Polyethylene	ETL, CE, EX	226941
	Universal	Stainless Steel	Buna-N	CE	226953
			PTFE	CE, EX	237129
	Universal	Carbon Steel	Buna-N	CE	226948
			Leather	CE, EX	237130
			PTFE	CE, EX	237131
			Leather	ETL, CE, EX	226943
			Polyethylene	ETL, CE, EX	226944
			Universal	Stainless Steel	Buna-N
PTFE	CE, EX	237132			

\*Adjustable downtube length between 18 in (457 mm) and 46.4 in (1,180 mm)



# Fast-Flo 1:1 Pump Accessories

## Ordering Information



### Hose and Fitting Kits

	Part Number	Description	Includes	
			Air Hose / Swivel Elbow	Fluid Hose / Swivel Elbow
	222118	18 in (0.5 m) for connecting wall-mounted Fast-Flo 1:1 pumps to piping	109123 / 155541	109108 / 160327
	222119	6 ft (1.8 m) for use with drum-mounted Fast-Flo 1:1 pumps	109125 / 155541	109105 / 160327


### Bung Adapters

	Part Number	Description
	214583	Allows direct mounting of full-length Fast-Flo 1:1 pumps into standard 2 in NPT drum bung (included).
	217359	Sealed bung adapter for Fast-Flo pumps; can be used with suction kit 236054.

### Installation Kits

	Part Number	Description
	218316	Includes regulator (104815), gauge (104655) and fittings (169969/114558) as necessary for normal installation.
	210881	Wall mounting bracket for Fast-Flow 1:1 Pumps



### Suction Kit

	Part Number	Description	Includes		
			Bung Adapter	Bushing Pipe	6 ft Hose
	236054	6 ft (1.8 m) suction kit for 55 gal (200 l) drums. For use with Fast-Ball, Mini Fire-Ball and Fire-Ball universal pumps.	188845	101496	109105




## Ordering Information


### Drum Covers

	Part Number	Description
	204574	Drum cover for 10 gal (40 l) and 16 gal (60 l) sized containers. Drum cover mounts on top of an open drum with mounting house for a 1:1 pump. Includes thumb screws and a rubber gasket.
	200326	Drum cover for a 55 gal (200 l) container. Drum cover mounts on top of an open drum, with mounting for a 1:1 pump.

### Air Line Filter

	Part Number	Description
	106149	1/2 in NPT inlet and outlet

### Air Line Lubricator

	Part Number	Description
	214848	1/2 in NPT inlet and outlet

## Electric Convenience

There's an easier, more efficient way to pump fluid to your critical equipment. Graco's all-electric EGP pumps reduce operating costs without compromising the durability you expect from the industry leader in pumping solutions. Add convenience and peace of mind to your everyday operations.

### EGP Transfer Pumps

Use the EGP Transfer Pump in locations where compressed air is unavailable or too cumbersome for short-distance fluid transfer.



#### Electrical Flexibility

Available in 12 VDC and 115 VAC power options.

#### Smooth Fluid Flow 8 gpm (30 lpm)

Output flow is continuous and non-pulsating up to 8 gpm (30 lpm).

#### Heavy-Duty Motor with Long Life

Industrial-grade electric motors with over-temperature protection on 115 VAC models.

#### Consistent Pressure

Built-in fluid bypass valve protects pump and downstream components.

#### Pump Protection

Includes inlet strainer to keep larger debris out of pump housing and extend pump life.

#### Plug and Play

Self-priming, precision-machined pump design.

### EGP On-Demand Pumps

Install the EGP On-Demand Pump in a variety of applications including workshops, mobile trucks and industrial plants. Use it as an energy-efficient option to standard pneumatic pumps.



#### Electrical Flexibility

Available in 12 VDC and 115 VAC power options.

#### Smooth Fluid Flow 4 gpm (15 lpm)

Output flow is continuous and non-pulsating up to 4 gpm (15 lpm).

#### Heavy-Duty Motor with Long Life

Industrial-grade electric motor with over-temperature protection on 115 VAC model.

#### Fluid Flow When Needed

On-demand pressure sensing technology starts and stops the pump during the dispense.

#### Pump Reliability

Internal inlet and outlet checks keep pump section flooded to maintain prime for reliable performance.

#### Simultaneous Dispenses

Pump long distances and supply fluid to multiple dispense points.

#### Typical Applications

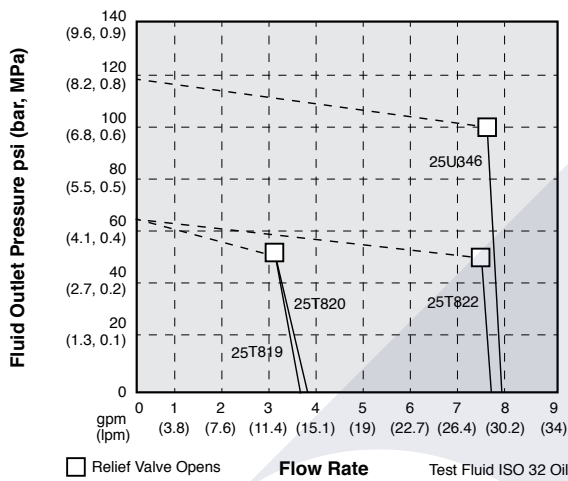
- Filling bulk tanks from drums
- Lubricant transfer from remote locations
- Construction equipment
- Agricultural equipment
- Filling in-plant machinery
- Evacuating used oil receivers
- Filling shop oil furnaces with new or used oil
- Automotive and truck service garages
- Fleet marine and personal boat service
- Aircraft maintenance

#### Typical Fluids Handled

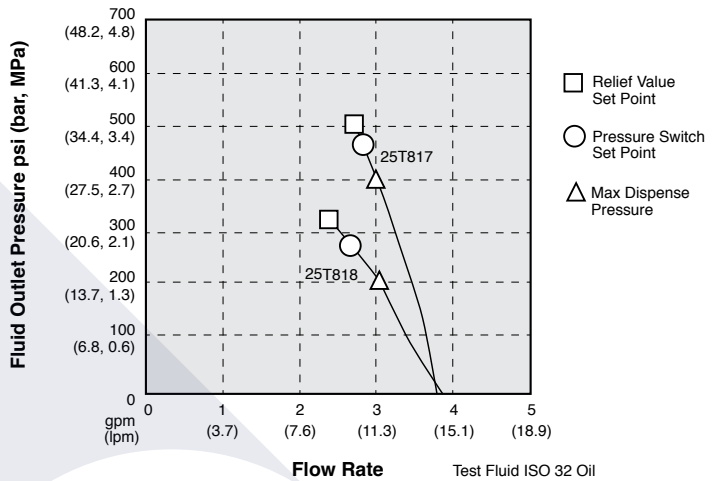
- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Waste oil
- Hydraulic fluids
- Cutting oils
- Non-flammable oil-based solvents
- Oil-based herbicide carriers



EGP Transfer Pumps Performance Chart



EGP On-Demand Pumps Performance Chart









Ordering Information

	EGP Transfer Pump Models					EGP On-Demand Pump Models	
Package Part Number	25T819	25T820	25T822	—	—	—	—
Pump Part Number	—	—	—	2005948	25U346	25T817	25T818
Voltage	12 VDC	115 VAC	115 VAC	115 VAC	115 VAC	115 VAC	12 VDC
Hertz	—	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	—
Motor Type	TENV	ODP	ODP	ODP	TENV – IP55	TENV – IP55	TENV
Horsepower	1/2	1/2	3/4	3/4	1.0	1.5	3/4
Maximum Current (Amps)	30	8.7	9.9	9.9	9.1	14.4	60
Maximum Free Flow Rate gpm (lpm)	3.8 (14.4)	3.9 (14.8)	7.7 (29.1)	7.7 (29.1)	8.0 (30.3)	3.7 (14.0)	3.8 (14.4)
Maximum Pressure psi (bar)	65 (4.5)	65 (4.5)	65 (4.5)	65 (4.5)	120 (8.3)	500 (34.5)	325 (22.4)
Automatic Relief Setting psi (bar)	65 (4.5)	65 (4.5)	65 (4.5)	65 (4.5)	120 (8.3)	500 (34.5)	325 (22.4)
Inlet	1 in NPT	1 in NPT	1 in NPT	1 in NPT	1 in NPT	3/4 in NPT	3/4 in NPT
Outlet	3/4 in NPT	3/4 in NPT	3/4 in NPT	3/4 in NPT	3/4 in NPT	1/2 in NPT	1/2 in NPT
Bung Adapter	260061						
Dispense Kit	133376		—	—	—	—	—
Suction Kit	133375		—	—	—	—	—
Wetted Parts	Carbon steel with zinc plating, stainless steel, galvanized steel, aluminum, nitrile, rubber, PVC, PVC cement					Carbon steel with zinc plating, stainless steel, galvanized steel, aluminum, nitrile, rubber	
Weight lb (kg)	25 (11)	22 (10)	25 (11)	25 (11)	25 (11)	36 (16.3)	36 (16.3)
Manual	3A8569	3A8568	3A8568	3A8568	3A8568	3A8570	3A8571

Specialty Pumps

Ordering Information

Accessories

	Part Number	Description
	133412	Wall mounting bracket, fits all transfer models
	260238	"Y" strainer with 3/4 in NPT female in-line strainer for used oil transfer
	133377	Suction filter
	260124	55 in (1.3 m) PVC suction tube with inlet check valve
	133376	Dispense valve kit
	133375	Suction tube kit, 3/4 in PVC

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# HOSE AND CORD REELS

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Hose Reel Accessories.....	250-253

# Graco Hose and Cord Reel Selection Guide

	Typical Application	Typical Fluid	Hose/Cord Length Options	Enclosed	Reference Pages
<b>LDX™ Series</b> 	<ul style="list-style-type: none"> <li>• Small maintenance shops</li> <li>• Tire maintenance shops</li> <li>• Small fast lubes</li> <li>• Independent repair facilities</li> <li>• Industrial manufacturing facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Air</li> <li>• Water</li> <li>• Grease</li> <li>• Antifreeze</li> <li>• Windshield washer fluid</li> <li>• Diesel exhaust fluid (DEF)</li> </ul>	<ul style="list-style-type: none"> <li>• 45 ft (14 m) – DEF only</li> <li>• 50 ft (15 m)</li> </ul>	No	214-215
<b>SDX™ 10 / 20 Series</b> 	<ul style="list-style-type: none"> <li>• Car dealerships</li> <li>• Light-/medium-duty truck dealers</li> <li>• Fleet maintenance</li> <li>• Public works garages</li> <li>• Construction vehicle maintenance</li> <li>• Light-utility service trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Air</li> <li>• Water</li> <li>• Grease</li> <li>• Antifreeze</li> <li>• Windshield washer fluid</li> </ul>	<ul style="list-style-type: none"> <li>• 35 ft (11 m)</li> <li>• 50 ft (15 m)</li> <li>• 65 ft (20 m)</li> </ul>	Optional	216-221
<b>SD™ Series Cord Reels</b> 	<ul style="list-style-type: none"> <li>• Automotive dealerships</li> <li>• Fast lube centers</li> <li>• Service shops</li> <li>• Heavy-duty dealerships</li> <li>• Fleet services facilities</li> <li>• In-plant</li> <li>• Lube trucks</li> <li>• Mining</li> </ul>	–	<ul style="list-style-type: none"> <li>• 35 ft (11 m)</li> <li>• 50 ft (15 m)</li> <li>• 95 ft (29 m)</li> </ul>	Optional	222-225
<b>XDX™ 10 / 20 Series</b> 	<ul style="list-style-type: none"> <li>• Heavy-duty truck dealers</li> <li>• Fleet maintenance</li> <li>• Mining maintenance</li> <li>• Public works garage</li> <li>• Construction vehicle maintenance</li> <li>• Heavy-duty mobile service trucks</li> <li>• Mining</li> <li>• Lube trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Air</li> <li>• Water</li> <li>• Grease</li> <li>• Antifreeze</li> <li>• Windshield washer fluid</li> </ul>	<ul style="list-style-type: none"> <li>• 35 ft (11 m)</li> <li>• 50 ft (15 m)</li> <li>• 65 ft (20 m)</li> </ul>	Optional	226-230
<b>XD™ 30 Series</b> 	<ul style="list-style-type: none"> <li>• Heavy-duty truck dealers</li> <li>• Fleet maintenance</li> <li>• Mining maintenance</li> <li>• Public works garage</li> <li>• Construction vehicle maintenance</li> <li>• Heavy-duty mobile service trucks</li> <li>• Mining</li> <li>• Lube trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Diesel fuel</li> <li>• Air</li> <li>• Water</li> <li>• Grease</li> <li>• Antifreeze</li> <li>• Windshield washer fluid</li> <li>• Pressure wash</li> <li>• Waste oil evacuation</li> <li>• Diesel exhaust fluid (DEF)</li> </ul>	<ul style="list-style-type: none"> <li>• 35 ft (11 m)</li> <li>• 50 ft (15 m)</li> <li>• 65 ft (20 m)</li> <li>• 75 ft (23 m)</li> </ul>	No	231-235
<b>XD™ 40 / 50 Series</b> 	<ul style="list-style-type: none"> <li>• Heavy-duty truck dealers</li> <li>• Fleet maintenance</li> <li>• Mining maintenance</li> <li>• Public works garages</li> <li>• Construction vehicle maintenance</li> <li>• Heavy-duty mobile service trucks</li> <li>• Agriculture</li> <li>• Lube trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Diesel fuel</li> <li>• Air</li> <li>• Water</li> <li>• Antifreeze</li> <li>• Waste oil evacuation</li> </ul>	<ul style="list-style-type: none"> <li>• 35 ft (11 m)</li> <li>• 50 ft (15 m)</li> <li>• 75 ft (23 m)</li> <li>• 100 ft (30 m)</li> </ul>	No	236-241
<b>XD™ 60 / 70 / 80 Series</b> 	<ul style="list-style-type: none"> <li>• Heavy-duty truck dealers</li> <li>• Fleet maintenance</li> <li>• Mining maintenance</li> <li>• Public works garages</li> <li>• Construction vehicle maintenance</li> <li>• Heavy-duty mobile service trucks</li> <li>• Agriculture</li> <li>• Lube trucks</li> </ul>	<ul style="list-style-type: none"> <li>• Petroleum- and synthetic-based oils</li> <li>• Diesel fuel</li> <li>• Air</li> <li>• Water</li> <li>• Grease</li> <li>• Waste oil evacuation</li> </ul>	<ul style="list-style-type: none"> <li>• 50 ft (15 m)</li> <li>• 75 ft (23 m)</li> <li>• 100 ft (30 m)</li> <li>• 150 ft (46 m)</li> </ul>	No	242-249



Hose and Cord Reels



## The Ultimate Industrial-Grade Hose Reel

Designed with an all-metal frame and specially crafted components; Graco LDX hose reels ensure smooth release and retraction to optimize confidence in cost-conscious smaller garages, independent repair facilities and industrial manufacturing environments.



### Large Hose Capacity with Small Profile

Compact design accommodates up to a 50 foot (15 meter) hose to meet a wide variety of application requirements.

### Adjustable Arm

Easily change to one of six arm positions to fit your application.

### Ball Bearing Swivel

Swivel designed with internal ball bearings reduces friction and ensures smooth operation.

### External Swivel Housing

Quickly access swivel seal for faster repairs.

### Dual Pedestal Frame

Ribbed metal for increased stability and robustness.

Hose and Cord Reels

### Typical Applications

- Industrial manufacturing facilities
- Small maintenance shops
- Tire maintenance shops
- Small fast lubes
- Independent repair facilities

### Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Air
- Water
- Grease
- Antifreeze
- Windshield washer fluid
- Diesel exhaust fluid (DEF)

### Technical Specifications

#### Operating Temperature Range

Air/Water/Antifreeze/Windshield Washer Fluid	14.5°F to 149°F (-26°C to 65°C)
DEF	-40°F to 158°F (-40°C to 70°C)
Oil	-40°F to 212°F (-40°C to 100°C)
Grease	-40°F to 212°F (-40°C to 100°C)

#### Wetted Parts

Air/Water/Antifreeze/Windshield Washer Fluid Reels	EPDM, stainless steel, fluorocarbon (FKM)
DEF Reels	Hybrid polymer, brass, nitrile rubber
Oil Reels	Zinc-plated steel, brass, polyurethane, nitrile rubber
Grease Reels	Zinc-plated steel, brass, nitrile rubber

Sound Pressure Level	80 dB(A)
Sound Power Level	87 dB(A)
Instruction Manual	3A8216

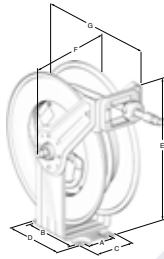




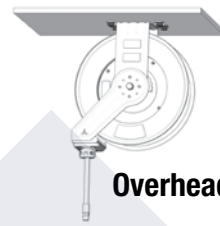
## LDX Series Hose Reels

### Dimensions

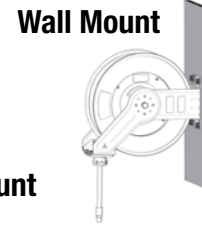
A	3.5 in (89 mm)
B	7.5 in (191 mm)
C	4.9 in (125 mm)
D	8.7 in (221 mm)
E	19.0 in (483 mm)
F	9.4 in (239 mm)
G	17.5 in (445 mm)



### Typical Mounting Configurations

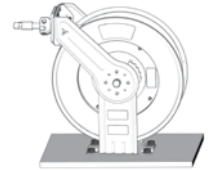


Overhead Mount



Wall Mount

Bench Mount



### Ordering Information

#### LDX Reels

Part Number	Fluid	Hose		Connection Size		Maximum Pressure PSI
		ID (in)	Length (ft)	Inlet (in)	Outlet (in)	
HEL010	Air/Water/Antifreeze/Windshield Washer Fluid	3/8	50	3/8 NPT	3/8 NPT	300
HEL012	Air/Water/Antifreeze/Windshield Washer Fluid	3/8	50	3/8 NPT	1/4 NPT	300
HEL015	DEF	1/2	45	1/2 BSPT	1/2 BSPT	150
HEM004	Oil	1/2	50	1/2 NPT	1/2 NPT	1,500
HEH006	Grease	3/8	50	3/8 NPT	3/8 NPT	4,060

#### Inlet Kits

Part Number	Fluid
25U369	Air/Water/Antifreeze/Windshield Washer Fluid
25U370	DEF
25U371	Oil
25U372	Grease

#### Accessories

Part Number	Description
18F444	1/2 in BSPT to 3/4 in hose barb adapter
18F445	1/2 in to 3/4 in adapter, BSPT



**7 Year  
Warranty!**

## High-Quality Performance and Versatility

Improve performance along with the look of any environment with Graco's flagship SDX hose reel. Built with specially crafted components, including a rigid metal frame and spool and effortless retraction swivels, it's available in five colors. An easy-to-service swivel cartridge design simplifies maintenance. Retraction and recoil are uniform and consistent every time.



### Adjustable Arm

Easily change to one of six arm positions to fit your application.

### Durable Finish

Baked-on enamel finish (five colors available) protects reel from corrosion.

### Large Hose Capacity with Small Profile

Compact pedestal and spool fits into tight spaces and can accommodate 35-65 foot (10.7-19.8 meters) hose (NPT air/water) capacity for a wide variety of applications.

### Heavy-Duty Spring

Powerful retraction performance ensures recoils are uniform and consistent every time.

### Full-Flow Swivel

Maximize material flow with minimal pressure drop for faster fills to get more vehicles through your shop.

### Low-Friction Cartridge Swivel

Provides smooth reel performance with an easy-to-replace swivel cartridge, simplifying repairs.

Reel arm shown in tank/bench mount position.

## Typical Applications

- Car dealerships
- Light-/medium-duty truck dealers
- Fleet maintenance
- Public works garages
- Construction vehicle maintenance
- Light-utility service trucks

## Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Air
- Water
- Grease
- Antifreeze/coolant
- Windshield washer fluid

## Technical Specifications

### Operating Temperature Range

Air/Water/Antifreeze/Windshield Washer Fluid Reels	-20°F to 190°F (-28°C to 87°C)
Oil Reels	-20°F to 190°F (-28°C to 87°C)
Grease Reels	-40°F to 200°F (-40°C to 93°C)

### Wetted Parts

Air/Water/Antifreeze/Windshield Washer Fluid Reels	Zinc-plated steel, stainless steel, anodized aluminum, nitrile rubber
Oil Reels	Zinc-plated steel, anodized aluminum, nitrile rubber
Grease Reels	Zinc-plated steel, nitrile rubber, steel

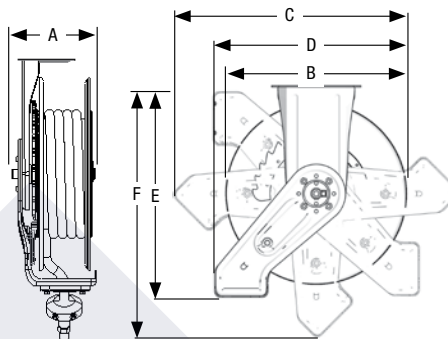
Weight	52 lb (23.5 kg)
Sound Pressure Level	80 dB(A)
Sound Power Level	87 dB(A)
Instruction Manual	3A8626



# SDX Series Hose Reels

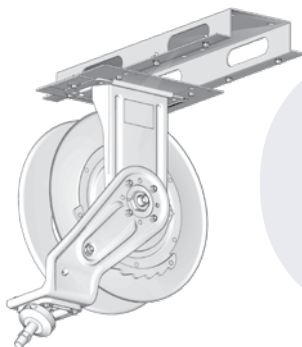
## Dimensions

	SDX 10	SDX 20
A	7.0 in (177 mm)	7.0 in (177 mm)
B	16.2 in (412 mm)	18.1 in (460 mm)
C	21.0 in (533 mm)	23.4 in (594 mm)
D	17.1 in (435 mm)	19.2 in (488 mm)
E	19.5 in (495 mm)	21.8 in (554 mm)
F	22.5 in (571 mm)	25.2 in (640 mm)

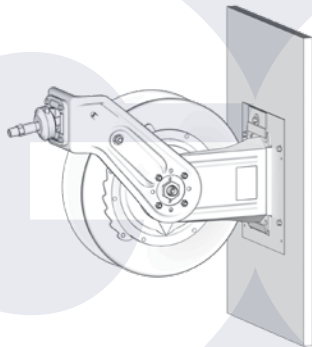


## Typical Mounting Configurations

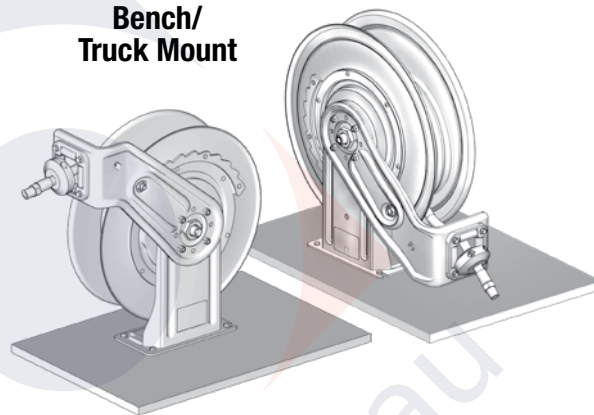
### Overhead Mount



### Wall Mount



### Bench/Truck Mount



Available in  
**5 Colors**  
Consult factory for  
lead times.

Metallic Blue (B)



Yellow (F)



Black (D)



Red (C)



White (A)



Hose and Cord Reels

# SDX Series Hose Reels



## Ordering Information

### SDX 10/20 Reel Assembly Ordering Guide

SDX Series reels are available in five colors. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel color.

Reel Color	Identifier
White	A
Metallic Blue	B
Red	C
Black	D
Yellow	F

#### Order Example:

Arm in overhead mount position, SDX 20, oil, 1/2 in ID hose, 50 ft hose length

**1** Select your reel position: SDM65#

**2** Select your reel color: Metallic Blue = "B"  
(from Reel Assembly Ordering Guide – opposite)

**Order Part Number:** **SDM65B**



### Arm in Overhead Mount Position

Assembled with hose, ball stop kit and roller guide. *Required hose inlet kit sold separately.*

Reel Size	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Assembly Part Number	Recommended Hose Inlet Kit
		ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			
SDX 10	Air/Water/ Antifreeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	300 (20.7)	SDL23#	218549
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	300 (20.7)	SDL25#	
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	300 (20.7)	SDL33#	
SDX 20		3/8 (10)	65 (20)	1/2 (13)	3/8 (10)	300 (20.7)	SDL56#	
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	SDL65#	
		SDX 10	Oil	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	
SDX 20	1/2 (13)			50 (15)	1/2 (13)	1/2 (13)	2,000 (138)	SDM65#
SDX 10	Grease	1/4 (6)	50 (15)	3/8 (10)	1/4 (6)	5,000 (345)	SDH15#	218550
		3/8 (10)	35 (11)	3/8 (10)	1/4 (6)	4,800 (331)	SDH23#	
		SDX 20	3/8 (10)	50 (15)	3/8 (10)	1/4 (6)	4,800 (331)	

### Arm in Tank/Bench Mount Position

Assembled with hose, ball stop kit and roller guide. *Required hose inlet kit sold separately.*

Reel Size	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Assembly Part Number	Recommended Hose Inlet Kit
		ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			
SDX 20	Air/Water/ Antifreeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 (13)	3/8 (10)	300 (20.7)	SDL5J#	218549
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	SDL6H#	
	Oil	1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	2,000 (138)	SDM6H#	
	Grease	3/8 (10)	50 (15)	3/8 (10)	1/4 (6)	4,800 (331)	SDH5H#	




## Ordering Information




### Bare Reels

#### Arm in Overhead Mount Position

Required hose inlet kit sold separately. Fluid hose not included.

	Reel Size	Fluid	Hose (Not Included)		Connection Size		Maximum Pressure psi (bar)	Assembly Part Number	Recommended Hose Inlet Kit	
			ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)				
	SDX 10	Air/Water/ Antifreeze/ Windshield Washer Fluid	3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	300 (20.7)	SDL2D#	218549	
			1/2 (13)	35 (11)	1/2 (13)	3/8 (10)	300 (20.7)	SDL2D#		
	SDX 20		3/8 (10)	65 (20)	1/2 (13)	1/2 (13)	300 (20.7)	SDL6D#		
			1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	SDL6D#		
	SDX 10	Oil	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	2,000 (138)	SDM3B#		218550
			SDX 20	1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	2,000 (138)		
	SDX 10	Grease	1/4 (6)	50 (15)	3/8 (10)	3/8 (10)	5,000 (345)	SDH1D#		218550
			3/8 (10)	35 (11)	3/8 (10)	3/8 (10)	5,000 (345)	SDH1D#		
SDX 20			3/8 (10)	50 (15)	3/8 (10)	3/8 (10)	5,000 (345)	SDH5D#		

### SDX 10 Oil Reel Packages

	Reel Size	Fluid	Valve Type	Enclosure	Package Number	Package Includes				
						Reel Assembly	Enclosure	Hose Inlet Kit	Meter	
	SDX 10	Oil	SDM8 Manual Meter with Rigid Extension	No	24E001	SDM33B	–	218549	25M404	
				Yes	24D996	SDM33B	24A217	218549	25M404	
			None	SDM8 Manual Meter with Flexible Extension	No	24E002	SDM33B	–	218549	25M406
					Yes	24D997	SDM33B	24A217	218549	25M406
			None	Yes	24D995	SDM33B	24A217	218549	–	



## Ordering Information

### SDX 10 Air/Water Reel Packages

	Reel Size	Fluid	Valve Type	Enclosure	Package Number	Package Includes				
						Reel Assembly	Enclosure	Hose Inlet Kit	Valve	Fitting
	SDX 10	Water	Water Bib Dispense Valve	No	24D999	SDL23B	-	218549	180685	150287
				Yes	24D993	SDL23B	24A217	218549	180685	150287
					24D994	SDL33B	24A217	218549	180685	159842
	SDX 10	Air	Tire Chuck Valve	No	24D998	SDL23B	-	218549	218545	-
				Yes	24D992	SDL23B	24A217	218549	218545	-
	SDX 10	Air/Water	None	Yes	24D989	SDL23B	24A217	218549	-	-
					24D990	SDL25B	24A217	218549	-	-
					24D991	SDL33B	24A217	218549	-	-

### Accessories

#### Enclosure Kits for One Reel

Open mounting accommodates up to six reels. Includes all parts necessary to mount on wall or overhead. Requires mounting channel.

Reel Size	White	Metallic Blue	Red	Black	Dark Blue	Yellow	Required End-Caps (set of 2)
SDX 10	24A217	24A940	24A941	24A942	24A943	24A944	24A950
SDX 20	24A218	24A945	24A946	24A947	24A948	24A949	24A951

#### Hose Inlet Kits

A hose inlet kit is required when ordering an SDX reel.

	Maximum Working Pressure psi (bar)	Size in (mm)	Length ft (m)	Part Number
	2,000 (137)	1/2 (13)	2 (0.6)	218549
	4,000 (276)	3/8 (10)		218550
	5,000 (345)	1/4 (6)		224417

#### Ball Stop Kits

SDX reel packages include ball stop kits. Items below are available for bare reels and as replacement parts.




Hose Inner Diameter (ID) Size	Part Number
1/4 in (6.4 mm)	222225
1/4 in to 3/8 in (6.4 mm to 9.5 mm)	218340
3/8 in to 1/2 in (9.5 mm to 12.7 mm)	218341
5/8 in (15.9 mm)	237872



## Ordering Information

### Mounting Channels


Accommodates up to six reels. Includes all parts necessary to mount on wall or overhead.

	Description	1 Reel	2 Reels	3 Reels	4 Reels	5 Reels	6 Reels
	Enclosed Reel Mounting Channel	203521	203522	203523	203524	203525	203526
	Open Reel Mounting Channel	24A934	24A935	24A936	24A937	24A938	24A939
	I-Beam Mounting Bracket*	204741 (x 2)			204741 (x 3)		

\*Secures mounting channel to I-beam without drilling – 2 are required for 1-3 reels, and 3 are required for 4-6 reels.


### Swivel Mounting Bracket

Allows reel to swivel 120° with two lockable positions.


	Part Number	Description
	24N444	Swivel mounting bracket for installing SDX 10 reels

### Easy Slide-In Mount

Allows reel to slide in and out of mount for easy installation.

	Part Number	Description
	24H193	Overhead or wall slide-in mount for SDX 10 or SDX 20 reels

### Retrofit Adapter Kits

	Part Number	Description
	24C100	Includes all parts to mount an SDX 10 hose reel to an existing 250 series mounting pattern with enclosure

# SD Series Cord and Light Reels

## Quality Cord and Light Reels

Organize your work space for a safer, more productive work environment. Make Graco your single source for your entire reel bank.

**2 Year  
Warranty!**

### Durable Frame in Two Sizes

Choose from the heavy-duty steel construction of the SD Series 5 or 10.

### Multiple Cord Lengths

Choose from 35, 50 and 95 foot (11, 15, 29 meter) options to fit your shop perfectly. Features a 5 foot lead-in cable.

### Adjustable Arm

Easily change the arm position to fit more applications. Works on walls, overhead or bench mounts.

### Heavy-Duty Pedestal

High-strength steel construction with rolled edges and ribbed stress points that won't flex or twist.

### Multiple Configurations Available

Comes with or without receptacles so you can configure it for your specific needs. Light reels come in your choice of fluorescent or LED with optional tool tap receptacle.



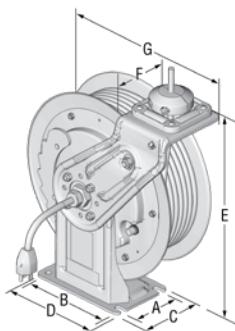
Hose and Cord Reels

## Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

## Dimensions

	SD Series 5	SD Series 10
A	3.5 in (89 mm)	3.5 in (89 mm)
B	6.38 in (162 mm)	7.5 in (191 mm)
C	4.7 in (120 mm)	4.7 in (120 mm)
D	7.48 in (190 mm)	9 in (229 mm)
E	14.8 in (376 mm)	19.5 in (498 mm)
F	6.6 in (168 mm)	7 in (177 mm)
G	13.84 in (352 mm)	17.5 in (445 mm)



## Technical Specifications

### Operating Temperature Range

Cord Reels	-22°F to 122°F (-30°C to 50°C)
Light Reels	-4°F to 104°F (-20°C to 40°C)

### Weight without Accessories

120V	SD 5	16 AWG, Length 35 ft	25.4 lb
		16 AWG, Length 50 ft	27.6 lb
		12 AWG, Length 35 ft	28.2 lb
SD 10	12 AWG, Length 50 ft	32.0 lb	
	16 AWG, Length 95 ft	46.3 lb	
		12 AWG, Length 95 ft	51.8 lb

Instruction Manual 3A2592



## Ordering Information

### SD Cord and Light Reels – 120 Volt

120 volt cord and light reels have a black finish and are ETL approved to US and CSA standards.


Accessory	Reel Size	AWG	Amp	Cord Length	Insulation	Part Number
No Accessory – Cord Only	SD 5	12	20	50 ft (15 m)	SJ00W	24Y859
	SD 10	12	18	95 ft (29 m)	SJ00W	24Y880
	SD 5	16	13	50 ft (15 m)	SJTOW	24Y861
Single Industrial Receptacle	SD 5	12	20	35 ft (11 m)	SJ00W	24Y862
	SD 5	12	20	50 ft (15 m)	SJ00W	24Y863
	SD 10	12	18	95 ft (29 m)	SJ00W	24Y882
Tri-Plug GFCI Industrial Receptacle	SD 5	12	15	50 ft (15 m)	SJ00W	24Y864
	SD 10	12	15	95 ft (29 m)	SJ00W	24Y883
Fluorescent Light	SD 5	16	<1	35 ft (11 m)	SJTOW	24Y865
	SD 5	16	<1	50 ft (15 m)	SJTOW	24Y866
	SD 10	16	<1	95 ft (29 m)	SJTOW	24Y884
Fluorescent Light with Single Tool Tap Plug	SD 5	16	10	50 ft (15 m)	SJTOW	24Y868
LED Light	SD 5	16	<1	35 ft (11 m)	SJTOW	24Y869
	SD 5	16	<1	50 ft (15 m)	SJTOW	24Y870
	SD 10	16	<1	95 ft (29 m)	SJTOW	24Y886
LED Light with In-line Tool Tap	SD 5	16	12	35 ft (11 m)	SJTOW	24Y871
	SD 5	16	12	50 ft (15 m)	SJTOW	24Y872
	SD 10	16	10	95 ft (29 m)	SJTOW	24Y887

## SD Series Cord and Light Reel Accessories

### Ordering Information


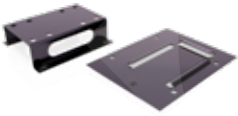

#### Enclosure Kits

Includes an enclosure for one reel. A set of end-caps are required per single or bank of reels. Requires you to order Enclosed Reel Mounting Channel separately. For mounting SD 5 or SD 10 reels in size 20 enclosures, please see Adapter Kits on page 225.

	Reel Size	White	Metallic Blue	Red	Black	Dark Blue	Yellow	Required End-Caps (set of 2)
	SD 5 with size 10 enclosure	24N690	24N682	24N683	24N684	24N691	24N685	24A950
	SD 10 with size 10 enclosure	24A217	24A940	24A941	24A942	24A943	24A944	24A950

#### Mounting Channels

Accommodates up to six reels. Includes all parts necessary to mount on wall or overhead.


	Description	Reel Size	1 Reel	2 Reels	3 Reels	4 Reels	5 Reels	6 Reels
	Enclosed Reel Mounting Channel	SD 5 and SD 10	203521	203522	203523	203524	203525	203526
	Open Reel Mounting Channel	SD 5	24N674	24N675	–	–	–	–
		SD 10	24A934	24A935	24A936	24A937	24A938	24A939
	I-Beam Mounting Bracket*	SD 5 and SD 10	204741 (x 2)			204741 (x 3)		

\*Secures mounting channel to I-beam without drilling – 2 are required for 1-3 reels, and 3 are required for 4-6 reels.

## Ordering Information


### Swivel Mounting Bracket

Allows reel to swivel 120° with two lockable positions.


	Reel Size	Part Number	Description
	SD 5	24N814	Swivel mounting bracket for installation
	SD 10	24N444	Swivel mounting bracket for installation

### Wall/Overhead Mounting Bracket

Allows you to slide the reel in and out for easy installation.


	Reel Size	Part Number	Description
	SD 5	24N686	Wall/overhead easy mount plate kit
	SD 10	24H193	Wall/overhead easy mount plate kit

### Adapter Kits

	Part Number	Description
	24P164	Spacer bracket for mounting a size 5 reel to an existing size 10 enclosure
	24P880	Spacer bracket for mounting a size 5 reel to an existing size 20 enclosure
	24P881	Spacer bracket for mounting a size 10 reel to an existing size 20 enclosure
	16N883	Clamping plate to mount a size 5 reel to an existing SD Series open channel

### Hands-Free Magnetic Clip

Non-marring cover won't scratch vehicle finish. Snap onto light tube for hands-free operation.

	Part Number	Description
	16P999	Magnetic clip for light tube

# XDX Series Hose Reels

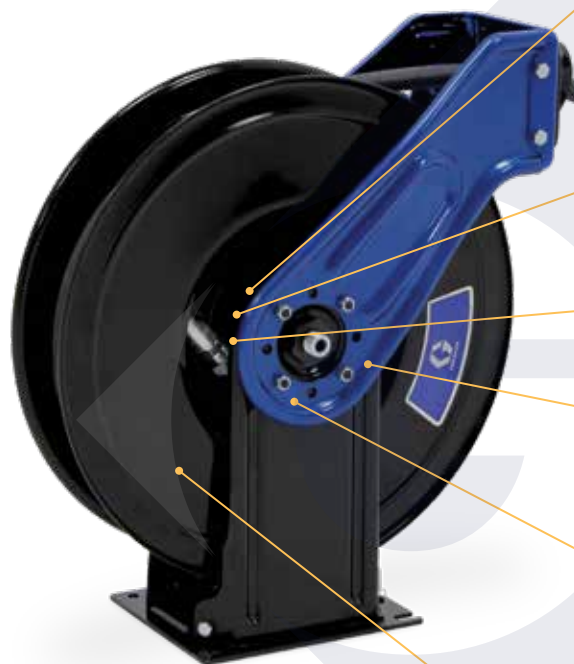


10 / 20 / 20 XN

**7 Year  
Warranty!**

## Performance in the Most Demanding Applications

The heavy-duty XDX hose reels are designed to handle fluid delivery tasks in the harshest, most challenging environments. Built with specially crafted components to extend performance for many years, the hose reel includes a robust heavy-gauge, dual-pedestal metal frame; steel spool; sealed components; and unique swivel design to transport fluids consistently and safely without fail.



### Heavy-Duty Adjustable Spring

Powerful retraction performance that allows you to easily increase or decrease spring tension while the reel is pressurized with fluid.

### Full-Flow Swivel

Maximize material flow with minimal pressure drop for faster fills to get more vehicles through your shop.

### Low-Friction Cartridge Swivel

Provides smooth reel performance with an easy-to-replace swivel cartridge, simplifying repairs.

### Optional Adjustable Arm

Easily change to one of six arm positions to fit your application. Order with arm (XD models) or without (XN models).

### Durable Finish

Baked-on enamel finish (four colors available) protects reel from corrosion.

### Large Hose Capacity with Small Profile

Compact pedestal and spool fits into tight spaces and can accommodate 35-65 foot (10.7-19.8 meters) hose capacity for a wide variety of applications.

## Typical Applications

- Heavy-duty truck dealers
- Fleet maintenance
- Mining maintenance
- Public works garage
- Construction vehicle maintenance
- Heavy-duty mobile service trucks
- Mining
- Lube trucks

## Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Air
- Water
- Grease
- Antifreeze/coolant
- Windshield washer fluid

## Technical Specifications

### Operating Temperature Range

Air/Water/Antifreeze/ Windshield Washer Fluid	-20°F to 190°F (-28°C to 87°C)
Oil	-20°F to 190°F (-28°C to 87°C)
Grease	-40°F to 200°F (-40°C to 93°C)

### Wetted Parts

Air/Water/Antifreeze/ Windshield Washer Fluid	Zinc plated steel, stainless steel, anodized aluminum, nitrile rubber
Oil	Zinc plated steel, anodized aluminum, nitrile rubber
Grease	Zinc plated steel, polyurethane, steel

### Weight (Without Hose)

HS Models (With Adjustable Arm)	59 lb (26.5 kg)
HN Models (Without Arm)	52 lb (23.5 kg)

Sound Pressure Level	78 dB(A)
Sound Power Level	88 dB(A)
Instruction Manual	3A8626



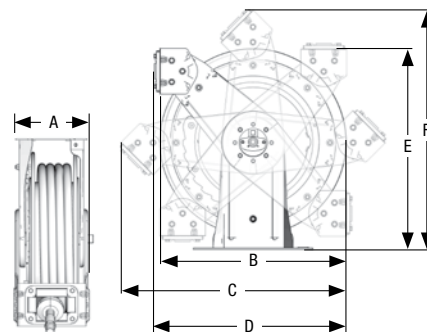
# XDX Series Hose Reels

10 / 20 / 20 XN

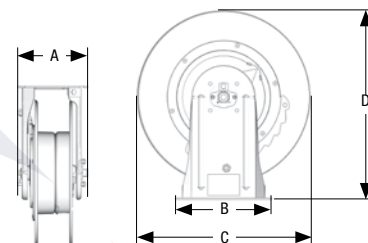
## Dimensions

	XD Models (With Adjustable Arm)		XN Models (Without Arm)
	XDX 10	XDX 20	XDX 20
A	7.5 in (196 mm)	7.5 in (196 mm)	7.5 in (196 mm)
B	16.2 in (412 mm)	18.1 in (460 mm)	18.1 in (460 mm)
C	21.0 in (533 mm)	23.4 in (594 mm)	23.4 in (594 mm)
D	18.0 in (457 mm)	20.0 in (508 mm)	20.0 in (508 mm)
E	18.5 in (470 mm)	21.0 in (533 mm)	—
F	22.5 in (571 mm)	25.2 in (640 mm)	—

**XD Models**

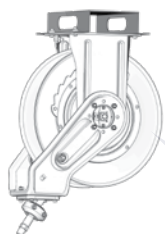


**XN Models**

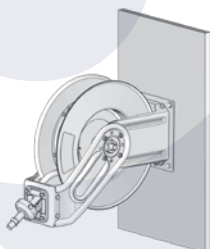


## Typical Mounting Configurations

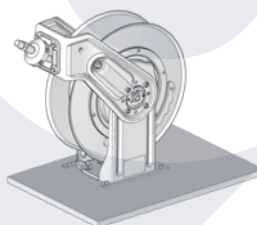
**Overhead Mount**



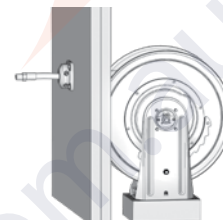
**Wall Mount**



**Bench/  
Truck Mount**



**Truck Mount with Remote  
Mounted Roller Guide**



Available in  
**4 Colors**  
Consult factory for  
lead times.

**Metallic Blue (B)**



**Yellow (F)**



**Black (D)**



**White (A)**



Hose and Cord Reels

# XDX Series Hose Reels



10 / 20 / 20 XN

## Ordering Information

### XDX 10/20 Reel Assembly Ordering Guide

XDX Series reels are available in three colors. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel color.

Reel Color	Identifier
White	A
Metallic Blue	B
Black	D
Yellow	F

#### Order Example:

Arm in bench/truck mount position,  
XDX 20, oil, 1/2 in ID hose, 50 ft hose length

- Select your reel position: XDM65#
- Select your reel color: Black = "D"  
(from Reel Assembly Ordering Guide – opposite)

Order Part Number: **XDM65D**



### XD Models (with Adjustable Arm)

#### Reel Assemblies

Assembly includes hose, ball stop kit and roller guide. *Required hose inlet kit sold separately.*

Reel Size	Fluid	Hose (Included)		Connection Size		Maximum Pressure psi (bar)	Assembly Part Number	Recommended Hose Inlet Kit
		ID in (mm)	Length ft (m)	Inlet	Outlet			
XDX 10	Air/Water/Antifreeze/Windshield Washer Fluid	3/8 (10)	50 (15)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	XDL25#	218549
		1/2 (13)	35 (11)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	XDL33#	
	Oil	1/2 (13)	35 (11)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	XDM33#	
	Grease	1/4 (6)	50 (15)	3/8 NPSM(M)	1/4 NPT(M)	5,000 (552)	XDH15#	
XDX 20	Air/Water/Antifreeze/Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	XDL56#	218549
		1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	XDL65#	
	Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	XDM65#	
	Grease	3/8 (10)	50 (15)	3/8 NPSM(M)	1/4 NPT(M)	4,800 (331)	XDH55#	

### Bare Reels

*Required hose inlet kit sold separately.* Fluid hose not included.


Reel Size	Fluid	Hose (Not Included)		Connection Size		Maximum Pressure psi (bar)	Part Number	Recommended Hose Inlet Kit
		ID in (mm)	Length ft (m)	Inlet	Outlet			
XDX 10	Air/Water/Antifreeze/Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPSM(F)	300 (20.7)	XDL2D#	218549
	Oil	1/2 (13)	35 (11)	1/2 NPSM(M)	1/2 NPSM(F)	2,000 (138)	XDM3B#	
	Grease	3/8 (10)	35 (11)	3/8 NPSM(M)	3/8 NPSM(F)	8,000 (552)	XDH1D#	
XDX 20	Air/Water/Antifreeze/Windshield Washer Fluid	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPSM(F)	300 (20.7)	XDL6D#	218549
	Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPSM(F)	2,000 (138)	XDM6D#	
	Grease	3/8 (10)	50 (15)	3/8 NPSM(M)	3/8 NPSM(F)	8,000 (552)	XDH5D#	



## Ordering Information

### XN Models (without Adjustable Arm)

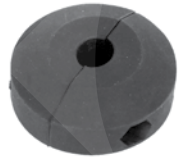
Includes hose guide kit. **Required hose inlet kit sold separately.**

	Reel Size	Fluid	Hose (Included)		Connection Size		Maximum Pressure psi (bar)	Part Number	Hose Guide Kit (Included)	Recommended Hose Inlet Kit
			ID in (mm)	Length ft (m)	Inlet	Outlet		Black		
	XDX 20	Air/Water/ Antifreeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	XNL56D	15Y478	218549
			1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	XNL65D		
		Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	XNM65D		
		Grease	3/8 (10)	50 (15)	3/8 NPSM(M)	1/4 NPT(M)	4,800 (331)	XNH55D		

### Accessories


#### Ball Stop Kits

XDX HS models include ball stop kits. Order separately if ordering a bare reel or if needed with HN models.

	Part Number	Description
	222225	For 1/4 in (6 mm) ID hose (not compatible with XD 30, 700 or 750)
	218340	For 1/4 in to 3/8 in (6 mm to 10 mm) ID hose (not for use with XD 30, 700 or 750)
	218341	0.782 in ID used for 3/8 in and 1/2 in (10 mm and 13 mm) hose (not compatible with XD 30, 700 or 750)
	237872	1.0 in ID used for 5/8 in (16 mm) hose
	237873	1.123 in ID used for 3/4 in (19 mm) hose
	237874	1.374 in ID used for 1 in (25 mm) hose
	24D132	For 3/8 in (10 mm) ID hose
	24D133	For 1/2 in (13 mm) ID hose

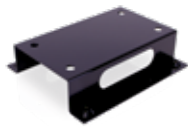


#### Hose Inlet Kits

A hose inlet kit is required when ordering an XDX reel.

	Maximum Working Pressure psi (bar)	Size in (mm)	Length ft (m)	Part Number
	2,000 (137)	1/2 (13)	2 (0.6)	218549
	4,000 (276)	3/8 (10)		218550
	5,000 (345)	1/4 (6)		224417

#### Mounting Channels

Accommodates up to six reels. Includes all parts necessary to mount on wall or overhead.

	Description	1 Reel	2 Reels	3 Reels	4 Reels	5 Reels	6 Reels
	Enclosed Reel Mounting Channel	24N323	24N324	24N325	24N326	24N327	24N328
	Open Reel Mounting Channel	24A219	24A220	24A221	24A222	24A222	24A222
	I-Beam Mounting Bracket*	204741 (x 2)			204741 (x 3)		

\*Secures mounting channel to I-beam without drilling – 2 are required for 1-3 reels, and 3 are required for 4-6 reels.

# XDX Series Hose Reel Accessories



10 / 20 / 20 XN

## Ordering Information

### Enclosure Kits for One Reel

Open mounting accommodates up to six reels. Includes all parts necessary to mount on wall or overhead. Requires Enclosed Reel Mounting Channel.

	Reel Size	White	Metallic Blue	Red	Black	Dark Blue	Yellow	Required End-Caps (set of 2)
	XDX 10	24N331	24N332	24N333	24N334	24N335	24N336	24A950
	XDX 20	24N337	24N339	24N340	24N341	24N342	24N343	24A951

### Retrofit Adapter Kit

	Part Number	Description
	24A224	Includes all parts to mount hose reel to existing 500 series mounting pattern without enclosure
	24P914	Includes all parts to convert XDX 20 hose reels to fit existing 500 series enclosures

### Valve Hanger Kit

	Part Number	Description
	224444	Mounts to side of reel to allow hanging of non-metered and high-flow dispensing valves

### Self-Adhesive Identification Label Set

	Part Number	Description
	180698	Set includes: 1 in x 5 in (25.4 mm x 127 mm) hose reels labels for Antifreeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose and Cord Reels



**7 Year  
Warranty!**

## High Capacity Reel

Used in applications requiring longer-range dispense and higher capacity than the standard XDX 10/20 series. Ideal for use on mobile service trucks, heavy construction and industrial plants.



### Spring Adjustment

Increase or decrease spring tension while reel is pressurized with fluid.

### Full-Flow Swivel

Maximize material flow with minimal pressure drop for faster fills to get more vehicles through your shop.

### Optional Adjustable Arm

Easily change to one of seven arm positions to fit your application. Order with arm (HS models) or without (HN models).

### Durable Finish

Baked-on enamel finish (four colors available) protects reel from corrosion.

### Large Hose Capacity with Small Profile

Compact pedestal and spool fits into tight spaces and can accommodate 30-75 foot (9.1-22.8 meters) hose capacity for a wide variety of applications.

### Typical Applications

- Heavy-duty truck dealers
- Fleet maintenance
- Mining maintenance
- Public works garage
- Construction vehicle maintenance
- Heavy-duty mobile service trucks
- Mining
- Lube trucks

### Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Diesel fuel
- Air
- Water
- Grease
- Antifreeze
- Windshield washer fluid
- Pressure wash
- Waste oil evacuation
- Diesel exhaust fluid (DEF)

### Technical Specifications

#### Operating Temperature Range

Air/Water/Antifreeze/ Windshield Washer Fluid	-40°F to 180°F (-40°C to 82°C)
Oil	-40°F to 180°F (-40°C to 82°C)
Grease	-40°F to 180°F (-40°C to 82°C)
Pressure Wash	-20°F to 225°F (-28°C to 107°C)
Fuel/Evacuation	-40°F to 120°F (-40°C to 49°C)
Diesel Exhaust Fluid (DEF)	12°F to 140°F (-11°C to 60°C)

#### Wetted Parts (Bare Reel Only)

Air/Water/Antifreeze/ Windshield Washer Fluid Reels	Nickel plated carbon steel, aluminum, Buna-N rubber, UHMWPE
Oil	Nickel plated carbon steel, aluminum, Buna-N rubber, UHMWPE
Grease	Nickel plated stainless steel, Buna-N rubber, UHMWPE
Pressure Wash	Nickel plated stainless steel, Buna-N rubber, UHMWPE
Fuel/Evacuation	Nickel plated carbon steel, aluminum, Buna-N rubber, UHMWPE
Diesel Exhaust Fluid (DEF)	Zinc plated steel, polyurethane, steel

Weight (Without Hose)	98 lb (44.5 kg)
Sound Pressure Level	85.8 dB(A)
Sound Power Level	94.9 dB(A)
Instruction Manual	3A0138

# XD Series Hose Reels

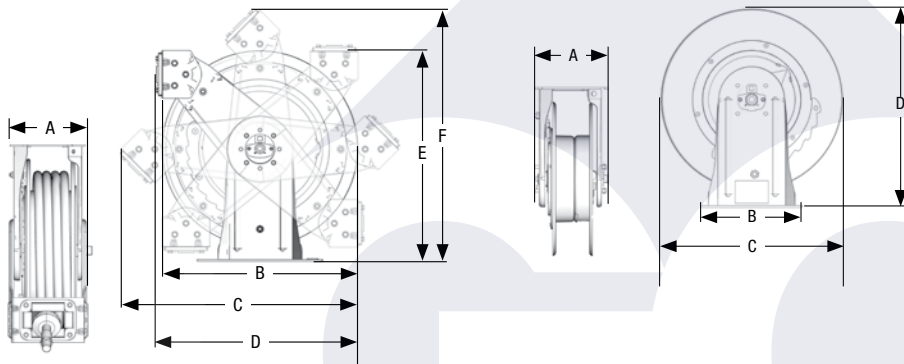


30 / 30 HN

Dimensions		
	HS Models (with Adjustable Arm)	HN Models (without Arm)
A	9.0 in (229 mm)	7.5 in (196 mm)
B	21.5 in (546 mm)	18.1 in (460 mm)
C	26.0 in (659 mm)	23.4 in (594 mm)
D	22.1 in (562 mm)	20.0 in (508 mm)
E	23.1 in (588 mm)	21.0 in (533 mm)
F	27.6 in (701 mm)	25.2 in (640 mm)

## HS Models

## HN Models

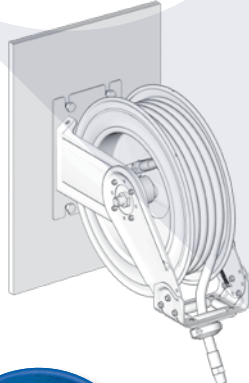


## Typical Mounting Configurations

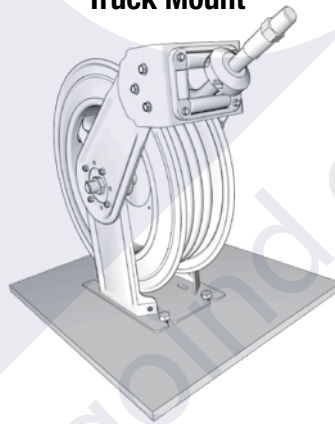
### Overhead Mount



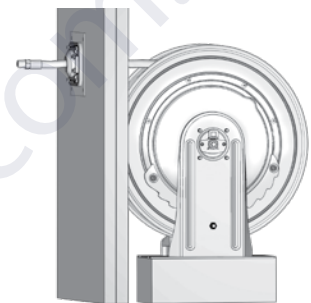
### Wall Mount



### Bench/ Truck Mount



### Truck Mount with Remote Mounted Roller Guide



**Metallic Blue (B)**  
Standard In-Stock Color



**Available in 4 Colors**  
Consult factory for lead times.

**Yellow (F)**



**White (A)**



**Desert Sand (G)**



## Ordering Information

### XD 30 Reel Assembly Ordering Guide

XD Series reels are available in four colors. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel color.

Reel Color	Identifier
White	A
Metallic Blue	B
Yellow	F
Desert Sand*	G

\*Desert Sand not available on HN Models.

#### Order Example:

Arm in overhead mount position, XD 30, oil, 3/4 in ID hose, 50 ft hose length

**1** Select your reel position: HSMD5#

**2** Select your reel color: Metallic Blue = "B"  
(from Reel Assembly Ordering Guide – opposite)

**Order Part Number:** **HSMD5B**



### HS Models (with Adjustable Arm)

#### Reel Assemblies

Assembly includes hose, ball stop kit and roller guide. *Required hose inlet kit sold separately.*

Fluid	Hose (Included)		Connection Size		Maximum Pressure psi (bar)	Reel, Hose and Ball Stop Assembly Part Number	Recommended Hose Inlet Kit
	ID in (mm)	Length ft (m)	Inlet	Outlet			
Air/Water/Antifreeze/Windshield Washer Fluid	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HSLC8#	218549
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	300 (20.7)	HSLD5#	24E284
Oil	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	1,500 (103)	HSMC8#	218549
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	1,250 (86)	HSMD5#	24E284
Grease	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	5,000 (345)	HS HC5#	24E283
	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(F)	5,000 (345)	HS HB7#	24E283
Pressure Wash	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(M)	4,000 (276)	HSPB8#	24E283
	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	4,500 (310)	HSPC5#	24E283
Fuel/Oil Evacuation	1 (13)	30 (9)	3/4 NPSM(M)	1 NPT(M)	125 (8.6)	HSLE3#	24E285
DEF	3/4 (19)	50 (15)	3/4 BSPP(M)	3/4 BSPP ORB	50 (3.4)	HSDD5#	24W250 (BSPP)

### Bare Reels

*Required hose inlet kit sold separately.*

Fluid	Hose (Not Included)		Connection Size		Maximum Pressure psi (bar)	Part Number	Recommended Hose Inlet Kit
	ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			
Oil	1/2 (13)	75 (23)	1/2 (13) (m)	1/2 (13) (m)	2,000 (138)	HSMCF#	218549
	3/4 (19)	50 (15)	3/4 (19) (m)	3/4 (19) (m)	2,000 (138)	HSMDD#	24E284
Grease	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	5,000 (345)	HS HCD#	24E283
Pressure Wash	3/8 (10)	75 (23)	1/2 (13) (m)	3/8 (10) (m)	4,000 (276)	HS HFF#	24E283
DEF	3/4 (19)	50 (15)	3/4 (19) (m)	3/4 (19) ORB	50 (3.4)	HSDDD#	24W250 (BSPP)

# XD Series Hose Reels




30 / 30 HN

## Ordering Information

### HN Models (without Adjustable Arm)

#### Reels with Hose


Required hose inlet kit sold separately.



Fluid	Hose (Included)		Connection Size		Maximum Pressure psi (bar)	Reel and Hose Assembly Part Number	Recommended Hose Inlet Kit
	ID in (mm)	Length ft (m)	Inlet	Outlet			
Air/Water/Antifreeze/Windshield Washer Fluid	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HNLC8#	218549
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	300 (20.7)	HNLD5#	24E284
Oil	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	1,500 (103)	HNMC8#	218549
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	1,250 (86)	HNMD5#	24E284
Grease	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	5,000 (345)	HNHC5#	24E283
	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(F)	5,000 (345)	HNHB7#	24E283
Pressure Wash	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(M)	4,000 (276)	HNPB8#	24E283
	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	4,500 (310)	HNPC5#	24E283
Fuel/Oil Evacuation	1 (13)	30 (9)	3/4 NPSM(M)	1 NPT(M)	125 (8.6)	HNLE3#	24E285

#### Bare Reels


Required hose inlet kit sold separately.



Fluid	Hose (Not Included)		Connection Size		Maximum Pressure psi (bar)	Part Number	Recommended Hose Inlet Kit
	ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			
Oil	3/4 (19)	50 (15)	3/4 (19) (m)	3/4 (19) (m)	2,000 (138)	HNMD5#	24E284
Grease	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	5,000 (345)	HNHC5#	24E283
Pressure Wash	3/8 (10)	75 (23)	1/2 (13) (m)	3/8 (10) (m)	4,000 (276)	HNHFF#	24E283

#### Ball Stop Kits

XD HS models include ball stop kits. Order separately if ordering a bare reel or if needed with HN models.




Part Number	Description
222225	For 1/4 in (6 mm) ID hose (not compatible with XD 30, 700 or 750)
218340	For 1/4-3/8 in (6-10 mm) ID hose (not for use with XD 30, 700 or 750)
218341	0.782 in ID used for 3/8 in and 1/2 in (10 mm and 13 mm) hose (not compatible with XD 30, 700 or 750)
237872	1.0 in ID used for 5/8 in (16 mm) hose
237873	1.123 in ID used for 3/4 in (19 mm) hose
237874	1.374 in ID used for 1 in (25 mm) hose
24D132	For 3/8 in (10 mm) ID hose
24D133	For 1/2 in (13 mm) ID hose

Hose and Cord Reels


## Ordering Information

### Hose Inlet Kits


A hose inlet kit is required when ordering an XD reel.

	Part Number	Description
	218549	1/2 in (13 mm) hose inlet kit for air/water and oil. 2,000 psi (137 bar), 1/2 in NPT hose inlet ID, 24 in (610 mm) long
	24E284	3/4 in (19 mm) hose inlet kit for air/water and oil. 1,250 psi (86 bar), 3/4 in NPT hose inlet ID, 24 in (610 mm) long
	24E283	1/2 in (13 mm) hose inlet kit for grease or pressure wash. 5,000 psi (345 bar), 1/2 in NPT hose inlet ID, 24 in (610 mm) long
	24E285	1/2 in (13 mm) hose inlet kit for fuel. 125 psi (8.6 bar), 1/4 in NPT hose inlet ID, 24 in (610 mm) long
	24W250	2 ft DEF inlet hose kit for XD 30 reels. 3/4 in BSPP(F) x cut end and 90° elbow
	24W251	6 ft DEF inlet hose kit for XD 30 reels. 3/4 in BSPP(F) x cut end and 90° elbow
	124875	2 ft DEF hose, 3/4 in BSPP(M) x cut end (inlet hose)
	124581	6 ft DEF hose, 3/4 in BSPP(M) x cut end (inlet hose)

### Valve Hanger Kit

	Part Number	Description
	224444	Mounts to side of reel to allow hanging of non-metered and high-flow dispensing valves

### Self-Adhesive Identification Label Set

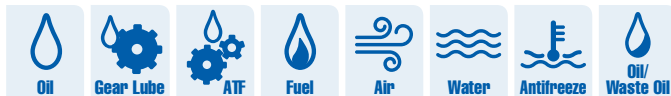
	Part Number	Description
	180698	Set includes: 1 in x 5 in (25.4 mm x 127 mm) hose reels labels for Antifreeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose and Cord Reels

goind.com.au

# XD Series Hose Reels

40 / 50



**7 Year  
Warranty!**

## Built-In Toughness

Engineered to take a beating and still reliably perform in harsh environments so it's ready when you need it. Choose from more colors, thread types and hoses or choose the bare reel so you can customize it with your hose. You get a professional look, easier fit and better-performing equipment.



### Extensive Hose Offering

Standard models come complete with factory-installed hoses on the reel. Large selection of optional reels to fit various applications.

### Full-Flow Swivel

Maximize material flow with minimal pressure drop for faster fills to get more vehicles through your shop.

### Rugged and Durable Body

Heavy-duty welded spool and ribbed frame for extra strength and toughness over the long haul.

### Meets Worldwide Needs

Built standard with 90° elbow with NPT, BSPP or BSPT threads. 1-1/2 in models also include 2 in Victaulic™-style groove. Accessories attach without the need for adapters.

Hose and Cord Reels

## Typical Applications

- Heavy-duty truck dealers
- Fleet maintenance
- Mining maintenance
- Public works garages
- Construction vehicle maintenance
- Heavy-duty mobile service trucks
- Agriculture
- Lube trucks

## Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Diesel fuel
- Air
- Water
- Antifreeze
- Waste oil evacuation

## Technical Specifications

Operating Temperature Range	
Oil Reels – 1 inch	-20°F to 180°F (-28°C to 82°C)
All Other Reels	-40°F to 180°F (-40°C to 82°C)
Wetted Parts	Carbon steel, nickel plated cast iron, Buna-N rubber, FKM UHMWPE
Maximum Recommended Mounting Height	15 ft (4.6 m)
Sound Pressure Level	77.6 dB(A)
Sound Power Level	86.8 dB(A)

\*Victaulic is a trademark of Victaulic Company of America.

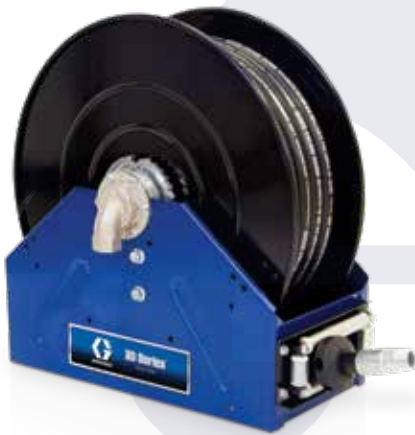
## How to Select an XD 40/50 Hose Reel

### 2 Ways to Order!

#### Option 1 – Reel with Hose

(Pages 239-240)

All models include the hose, hose guide and ball stop kit.



#### Option 2 – Bare Reel

(Pages 239-240)

Bare reel models do not include hose and ball stop kit.



#### Choose Your Accessories (Pages 241)



#### Hose Inlet Kit

A hose inlet is required for installation. They are appropriately sized for the hose reels based on type of fluid, hose size and pressure.



#### Support Arm

For additional support, add arm brackets to the reel. Required for overhead mounting applications.



#### Mounting Kit

Overhead mounting options available for XD 40 reels.



#### Hose Kit

Large selection of hoses appropriately sized for the hose reels based on type of fluid, hose size and pressure.



#### Hose Inlet Kit

A hose inlet is required for installation. They are appropriately sized for the hose reels based on type of fluid, hose size and pressure.



#### Ball Stop Kit

When the ball stop comes in contact with the hose guide, the hose is prohibited from rewinding.



#### Support Arm

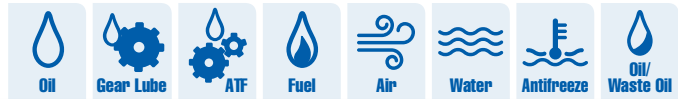
For additional support, add arm brackets to the reel. Required for overhead mounting applications.



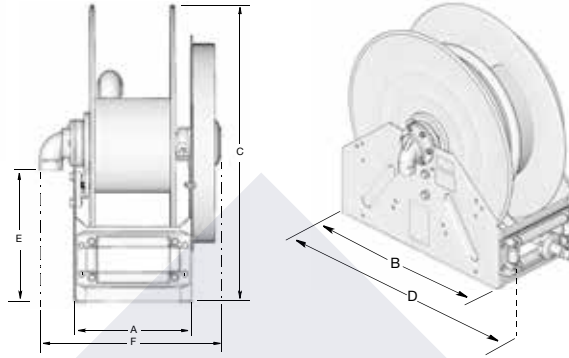
#### Mounting Kit

Overhead mounting options available for XD 40 reels.

# XD Series Hose Reels



40 / 50

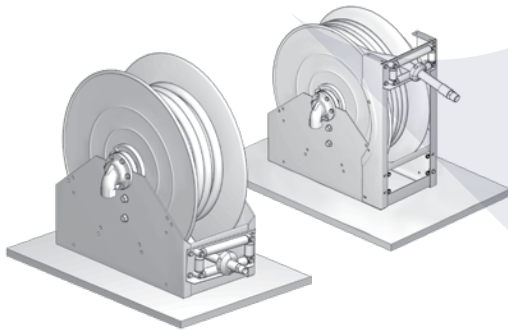


Dimensions							
Model	Inlet/Outlet Size NPT(F)	Dimensions in (mm)*					
		A	B	C	D	E	F
XD 4010 – Spring C/D	1 in/1 in	11.83 (300)	24 (610)	26.13 (664)	26.4 (671)	10.91 (277)	16.54 (420)
XD 4010 – Spring A/B	1 in/1 in	11.83 (300)	24 (610)	26.13 (664)	26.4 (671)	10.91 (277)	17.47 (444)
XD 5010	1 in/1 in	11.83 (300)	28.5 (724)	30.13 (765)	29.4 (747)	10.91 (277)	17.4 (444)
XD 5015	1-1/2 in/ 1-1/2 in	11.83 (300)	28.5 (724)	30.13 (765)	29.4 (747)	10.91 (277)	18.24 (463)

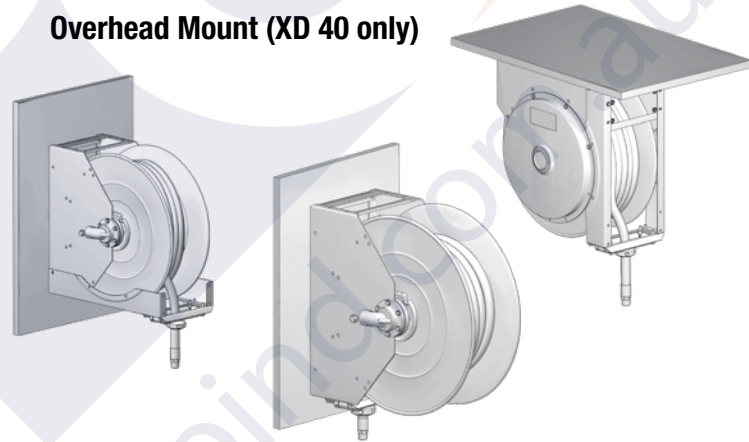
\*For complete list of dimensions, see Graco product manual 3A2990.

## Typical Mounting Configurations

### Truck-Bed or Bench Mount



### Overhead Mount (XD 40 only)



Available in **3 Colors**  
Consult factory for lead times.

Standard In-Stock Color:  
**Metallic Blue**







Ordering Information

**XD 40 Reels with Hose**

Includes hose, ball stop kit and hose guide. *Required hose inlet kit sold separately.*

Reel Size	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Spring	Truck/Bench Mount Only	Part Number by Reel Color			Hose Inlet Kit (Order Separately)	
		ID in (mm)	Length ft (m)	Inlet NPT(F)	Outlet NPT(M)				Metallic Blue	Yellow	White		
		XD 4010	Air/Water	1/2 (13)	100 (30)				1	1/2	300 (21)		D
3/4 (19)	75 (23)			1	3/4	300 (21)	D		24P330	24P331	24P332		
3/4 (19)	100 (30)			1	3/4	300 (21)	C		24P333	24P334	24P335		
1 (25)	50 (15)			1	1	300 (21)	D		24P336	24P337	24P338		
Antifreeze	3/4 (19)		100 (30)	1	3/4	300 (21)	A		24P984	24P985	24P986		
Oil	1/2 (13)		100 (30)	1	1/2	2,000 (138)	A		24P339	24P340	24P341		
	3/4 (19)		75 (23)	1	3/4	1,500 (103)	C	•	24P342	24P343	24P344		
	3/4 (19)		75 (23)	1	3/4	1,500 (103)	B		24R857	24R859	24R860		
	3/4 (19)		100 (30)	1	3/4	1,500 (103)	A		24P345	24P346	24P347		
	1 (25)		50 (15)	1	1	1,275 (88)	C	•	24P348	24P349	24P350		
	1 (25)		50 (15)	1	1	1,275 (88)	B		24R861	24R862	24R863		
Waste Oil Evacuation	1 (25)		50 (15)	1	1	250 (17)	C		24P351	24P352	24P353	24R112	
Diesel Fuel	1 (25)		50 (15)	1	1	250 (17)	C		24P354	24P355	24P356	24R115	

**XD 40 Bare Reels**

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Spring	Truck/Bench Mount Only	Part Number by Reel Color			Hose Inlet Kit (order separately)	
		1/2	3/4	1	Inlet NPT(F)	Outlet NPT(F)				Metallic Blue	Yellow	White		
		XD 4010	Air/Water	100 (30)	75 (23)	50 (15)				1	1	600 (41)		D
-	100 (30)			-	1	1	600 (41)	C		24P317	24P318	24P319		
Antifreeze	-		100 (30)	50 (15)	1	1	600 (41)	D		26A140	26A141	26A142		
Oil	-		75 (23)	50 (15)	1	1	2,000 (138)	C	•	24P320	24P322	24P323		
	-		75 (23)	50 (15)	1	1	2,000 (138)	B		24R854	24R855	24R856		
	100 (30)		100 (30)	-	1	1	2,000 (138)	A		24P324	24P325	24P326		
Waste Oil Evacuation	-		-	75 (23)	1	1	600 (41)	C		24P317	24P318	24P319	24R112	
Diesel Fuel	-		-	50 (15)	1	1	600 (41)	C		24P317	24P318	24P319	24R115	

**Remember to Order!**

 <b>Ball Stop Kit</b> See page 244	 <b>Support Arm</b> See page 244	 <b>Hose</b> See page 256-257	 <b>Hose Inlet</b> See page 244
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Hose and Cord Reels

# XD Series Hose Reels



40 / 50

## Ordering Information

### XD 50 Reels with Hose

Includes hose, ball stop kit and hose guide. *Required hose inlet kit sold separately.*

Reel Size	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Color			Hose Inlet Kit (Order Separately)
		ID in (mm)	Length ft (m)	Inlet NPT(F)	Outlet NPT(M)		Metallic Blue	Yellow	White	
XD 5010	Air/Water	1 (25)	75 (23)	1	1	300 (21)	24P470	24P471	24P472	24R111
		1 (25)	100 (30)	1	1	300 (21)	24P473	24P474	24P475	
	Antifreeze	1 (25)	100 (30)	1	1	300 (21)	24P987	24P988	24P989	
	Oil	1 (25)	75 (23)	1	1	1,275 (88)	24P476	24P477	24P478	
	Diesel Fuel	1 (25)	75 (23)	1	1	250 (17)	24P485	24P486	24P487	24R115
		1 (25)	100 (30)	1	1	250 (17)	24P488	24P489	24P490	
XD 5015**	Waste Oil Evacuation	1-1/4 (32)	35 (11)	1-1/2	1-1/4	200 (14)	24P479	24P480	24P481	-
		1-1/4 (32)	50 (15)	1-1/2	1-1/4	200 (14)	24P482	24P483	24P484	
	Diesel Fuel	1-1/4 (32)	35 (11)	1-1/2	1-1/4	250 (17)	24P491	24P492	24P493	24R117
		1-1/4 (32)	50 (15)	1-1/2	1-1/4	250 (17)	24P494	24P495	24P496	
		1-1/2 (38)	50 (15)	1-1/2	1-1/2	150 (10)	24P497	24P498	24P499	

\*\*Standard 2 inch Victaulic™-style groove on inlet.

### XD 50 Bare Reels

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Color			Hose Inlet Kit (order separately)
		1	1-1/4	1-1/2	Inlet NPT(F)	Outlet NPT(F)		Metallic Blue	Yellow	White	
XD 5010	Air/Water	100 (30)	-	-	1	1	600 (41)	24P455	24P456	24P457	24R111
	Antifreeze	100 (30)	-	-	1	1	600 (41)	26A143	26A144	26A145	
	Oil	75 (23)	-	-	1	1	2,000 (138)	24P458	24P459	24P460	
	Diesel Fuel	100 (30)	-	-	1	1	600 (41)	24P455	24P456	24P457	24R115
		75 (23)	-	-	1	1	600 (41)	24P464	24P465	24P466	
	XD 5015**	Waste Oil Evacuation	-	50 (15)	-	1-1/2	1-1/2	600 (41)	24P461	24P462	24P463
Diesel Fuel		-	50 (15)	-	1-1/2	1-1/2	600 (41)	24P461	24P462	24P463	24R117
		-	50 (15)	50 (15)	1-1/2	1-1/2	600 (41)	24P467	24P468	24P469	

\*\*Standard 2 inch Victaulic™-style groove on inlet.

### Remember to Order!


 <p><b>Ball Stop Kit</b> See page 241</p>	 <p><b>Support Arm</b> See page 241</p>	 <p><b>Hose</b> See page 252-253</p>	 <p><b>Hose Inlet</b> See page 241</p>
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## Ordering Information


### Ball Stop Kits

	Part Number	Description
	237873	Ball stop kit used for 3/4 in (19 mm) hose
	237874	Ball stop kit used for 1 in (25 mm) hose
	24R060	Ball stop kit used for a 1-1/4 in (32 mm) hose
	24R061	Ball stop kit used for a 1-1/2 in (38 mm) hose


### Hose Guides

	Part Number	Description
	24R072	Roller guide kit with bracket for XD 40 and XD 60
	24R074	Roller guide kit with bracket for XD 50


### Support Arm Kits

	Part Number	Description
	24R076	Support arm kit for XD 40
	24R077	Support arm kit for XD 50


### Mounting Kit

	Part Number	Description
	237932	Overhead or wall mounting kit for XD 40. Includes all parts needed for overhead mounting one reel.

### Hose Inlet Kits

	Part Number	Description
	24R111	1 in (25 mm) hose inlet kit for air/water and oil. 1,275 psi (88 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R112	1 in (25 mm) hose inlet kit for waste oil evacuation. 250 psi (17 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R115	1 in (25 mm) hose inlet kit for diesel fuel. 250 psi (17 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R117	1-1/2 in (38 mm) hose inlet kit for diesel fuel. 150 psi (10 bar), 1.5 in NPT hose inlet ID, 28 in (710 mm) long

### Self-Adhesive Identification Label Set

	Part Number	Description
	180698	Set includes: 1 in x 5 in (25.4 mm x 127 mm) hose reels labels for Antifreeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose and Cord Reels

# XD Series Powered Bare Hose Reels

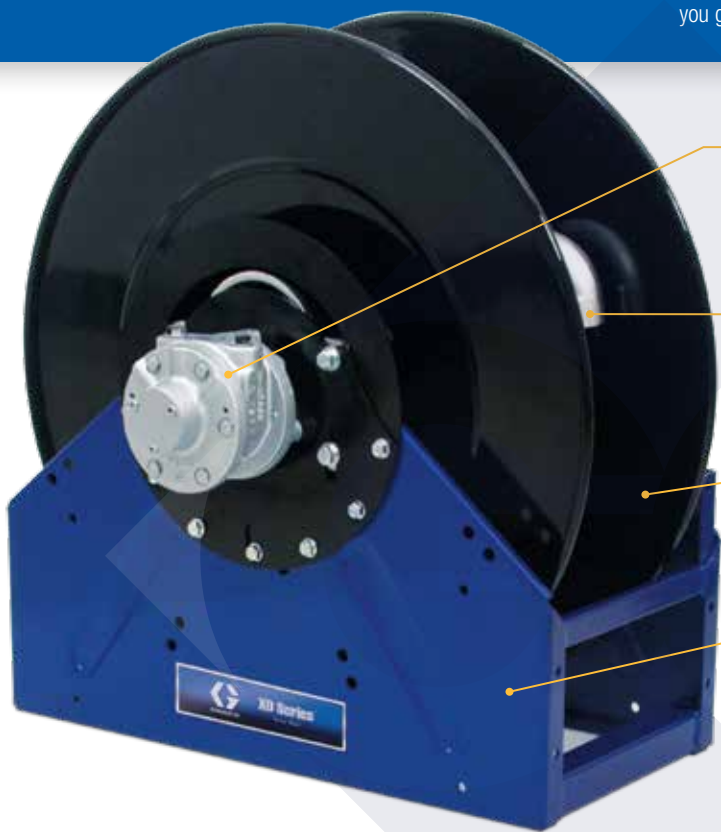


60 / 70 / 80

**7 Year  
Warranty!**

## Safe, Versatile Powered Hose Reels

We like to think of the XD motor rewind reels as super-powered. The innovative design is packed with features to help you work safer, smarter and faster. We demand extensive product testing, often exceeding industry standards to ensure you get the best product on the market.



### Safe, Reliable Direct Drive and Gear Motors

Drive unit is clean and lubricated for life. No need to worry about greasy, exposed drive chains that need maintenance and can be dangerous to operators.

### Easy System Integration

Easily change the inlet and motor direction to give you the option of a right- or left-hand flow orientation.

### Heavy-duty Welded Spool

Built to handle the weight of heavy hoses. Designed to surround and protect the drive unit from the elements to promote longer-lasting, safer operation.

### Rugged and Durable Body

Heavy-duty one piece welded frame is engineered to flex under extreme operating conditions and is stronger than bolted frames that can loosen with use. Individually painted and powder-coated components have superior corrosion resistance over assembled and painted products.

### Typical Applications

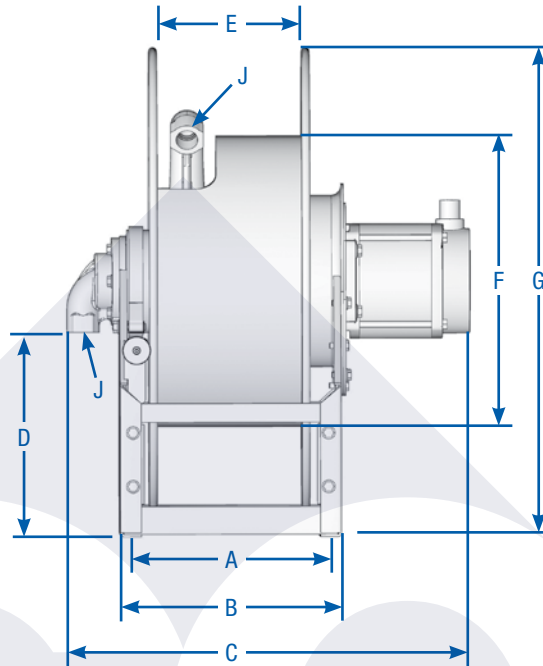
- Heavy-duty truck dealers
- Fleet maintenance
- Mining maintenance
- Public works garages
- Construction vehicle maintenance
- Heavy-duty mobile service trucks
- Agriculture
- Lube trucks

### Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Diesel fuel
- Air
- Water
- Grease
- Waste oil evacuation

### Technical Specifications

Operating Temperature Range	
Motorless Reels	-40°F to 180°F (-40°C to 82°C)
Air/Water Applications	-40°F to 180°F (-40°C to 82°C)
Waste Oil Evacuation Applications	-40°F to 180°F (-40°C to 82°C)
Oil Applications	-40°F to 180°F (-40°C to 82°C)
Grease Applications	0°F to 180°F (-18°C to 82°C)
Diesel Fuel Applications	-40°F to 140°F (-40°C to 60°C)
Wetted Parts	Nickel plated cast iron, cast iron, Buna-N rubber, polyethylene
Electric and Hydraulic Motors Sound Pressure Level	<80 dB(A)
Pneumatic Motors Sound Pressure Level	84.6 dB(A)
Pneumatic Motors Sound Power Level	89.9 dB(A)
Instruction Manual	332630



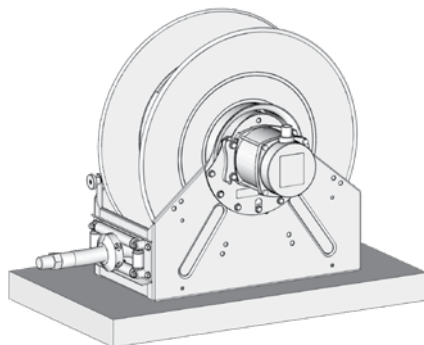
## Dimensions

Reference dimension "D" for specific motor type

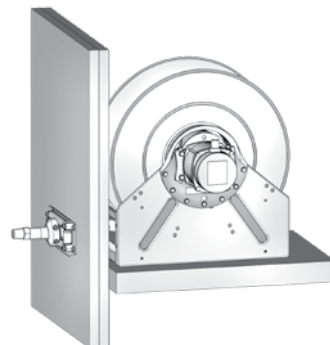
Model	Inlet/Outlet Size (J) NPT(F)	Dimensions in (mm)								
		A (Mounting Holes)	B	C			D	E	F	G
				Pneumatic	Hydraulic	Electric				
XD 6010	1 in/1 in	10.45 (256)	11.8 (300)	20.4 (519)	15.7 (400)	21.6 (547)	10.9 (277)	7.8 (198)	15.5 (394)	26.1 (663)
XD 7010	1 in/1 in	12.95 (329)	14.3 (363)	22.9 (583)	18.2 (463)	24.1 (611)	10.9 (277)	10 (254)	10 (254)	26.1 (663)
XD 7015	1-1/2 in/1-1/2 in	12.95 (329)	14.3 (363)	23.7 (603)	19 (483)	24.8 (631)	10.9 (277)	10 (254)	10 (254)	26.1 (663)
XD 7020	2 in/2 in	12.95 (329)	14.3 (363)	24.1 (613)	19.4 (493)	25.2 (641)	10.2 (259)	10 (254)	10 (254)	26.1 (663)
XD 8010	1 in/1 in	20.68 (525)	22.1 (561)	30.7 (779)	26 (659)	31.8 (807)	13.4 (340)	18 (457)	15.5 (394)	30.1 (765)
XD 8015	1-1/2 in/1-1/2 in	20.68 (525)	22.1 (561)	31.4 (799)	26.7 (679)	32.5 (827)	13.4 (340)	18 (457)	15.5 (394)	30.1 (765)
XD 8020	2 in/2 in	20.68 (525)	22.1 (561)	31.9 (809)	27.1 (689)	33 (837)	12.7 (323)	18 (457)	15.5 (394)	30.1 (765)

## Typical Mounting Configurations

**Bench/Trunk Mount**



**Truck Mount with Remote Mounted Roller Guide**



## How to Select an XD Powered Bare Hose Reel

### A Complete Family of Motor Rewind Hose Reels

The innovative design of the XD reel family is packed with features to help you work safer, smarter and faster. Direct-drive motor options include hydraulic, pneumatic and electric for air, water, oil, grease, fuel dispense and waste oil evacuation applications. Use this selection chart to configure the XD reel to suit your needs.



**A**

#### Specify the Hose Fluid Type and Capacity

Determine your fluid type and capacity before selecting your reel.

REQUIRED

Fluid Type	Hose ID in (mm)	Hose Length ft (m)
<input type="checkbox"/> Air/Water	<input type="checkbox"/> 1/2 (13)	<input type="checkbox"/> 50 (15)
<input type="checkbox"/> Antifreeze	<input type="checkbox"/> 1 (25)	<input type="checkbox"/> 75 (23)
<input type="checkbox"/> Petroleum- and Synthetic-Based Oils	<input type="checkbox"/> 1-1/2 (38)	<input type="checkbox"/> 100 (30)
<input type="checkbox"/> Waste Oil	<input type="checkbox"/> 2 (51)	<input type="checkbox"/> 150 (46)
<input type="checkbox"/> Diesel Fuel		

**B**

#### Choose Your Reel Size

- XD 60    XD 70    XD 80

**C**

#### Choose Your Reel Color

Select from Blue, Yellow or White.

- Blue    Yellow    White

**D**

#### Select Your Drive Type and Frame

Reels can be ordered with a motor or without. If you choose a model without a motor, you must purchase the motor separately.

REQUIRED

- Order Reel with Motor Included (Pages 246-248)
- Order Reel and Motor Separately (Page 249)
  - Pneumatic Motor
  - Hydraulic Motor
  - Electric Motor
    - 12 VDC, 1/2 HP    24 VDC, 2/3 HP
    - 12 VDC, 2/3 HP    115 VAC, 0.40 HP
    - 24 VDC, 1/2 HP

**E**

#### Choose Your Controls (Pages 250)

REQUIRED

- Pneumatic Motor**
  - Pneumatic 2-position, 3-way valve
- Hydraulic Motor**
  - 12 VDC electric control of hydraulic motor, 3-position, 4-way valve
  - 12 VDC electric control of hydraulic motor with switch, 3-position, 4-way valve
  - 24 VDC electric control of hydraulic motor, 3-position, 4-way valve
  - 24 VDC electric control of hydraulic motor with switch, 3-position, 4-way valve
- Electric Motor**
  - Hazardous location on/off button
  - 12 VDC intermittent-duty solenoid
  - 24 VDC intermittent-duty solenoid
  - Manual reset button circuit breaker (25 or 50 amp)

**F**

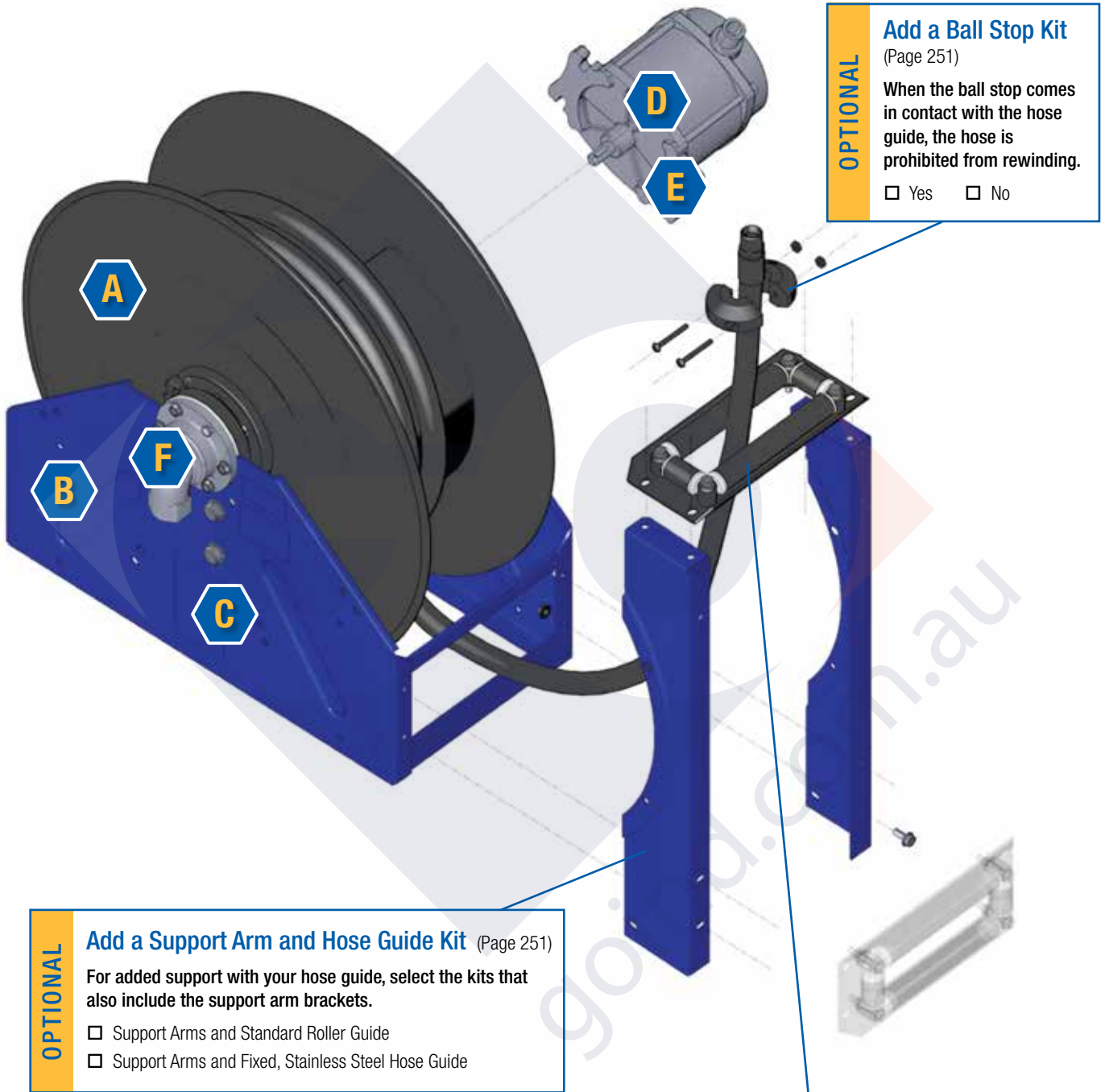
REQUIRED FOR INSTALLATION

#### Hose Inlet Kit (Page 251)

A hose inlet is required for installation. They are appropriately sized for the hose reels based on type of fluid, hose size and pressure.

Note: All 1-1/2 in (38 mm) hose reels include a 2 in (51 mm) Victaulic-style groove on inlet. If you are using these reels, it is recommended to order an inlet kit from Graco.

- Yes (required for installation)  
 No (will supply my own hose inlet kit)



**OPTIONAL**

**Add a Ball Stop Kit**  
(Page 251)

When the ball stop comes in contact with the hose guide, the hose is prohibited from rewinding.

Yes    No

**OPTIONAL**

**Add a Support Arm and Hose Guide Kit** (Page 251)

For added support with your hose guide, select the kits that also include the support arm brackets.

Support Arms and Standard Roller Guide  
 Support Arms and Fixed, Stainless Steel Hose Guide

**OPTIONAL**

**Add a Hose Guide Kit** (Page 251)

Select between a fixed, stainless steel hose guide or a general roller guide.

Hose guide mounts directly to the reel frame or in three different positions on the support arm.

Standard Roller Guide  
 Fixed, Stainless Steel Hose Guide

# XD Series Bare Hose Reels



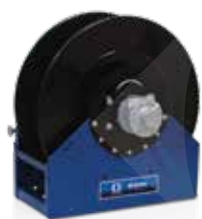
60 / 70 / 80

## Ordering Information

### Reel with Motor – 1 in (25 mm) Inlet/Outlet

#### XD 60 Reels

Reel Size	Fluid	Motor	Hose Capacity of Reel ft (m)			Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/Outlet Size NPT(F)	Reel Part Number by Color			Hose Accessories (Must be ordered separately)		
			Hose ID in (mm)						Metallic Blue	Yellow	White	Hose Inlet Kit	Hose	
			1/2 (13)	3/4 (19)	1 (25)									
XD 6010	Air/ Water	Pneumatic	100 (30)	100 (30)	50 (15)	600 (41)	123 (56)	1 in/1 in (25 mm/ 25 mm)	24R419	24R420	24R421	24R111	126359 – 1/2 in x 100 ft (13 mm x 30 m)	
		Hydraulic	100 (30)	100 (30)	50 (15)	600 (41)	101 (45)		24R414	24R415	24R416		126360 – 3/4 in x 75 ft (19 mm x 23 m)	
		12 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R404	24R405	24R406		126361 – 3/4 in x 100 ft (19 mm x 30 m)	
		24 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R407	24R408	24R409		126362 – 1 in x 50 ft (25 mm x 15 m)	
		115 VAC Electric	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R410	24R412	24R413		126375 – 1/2 in x 100 ft (13 mm x 30 m)	
	Oil	Pneumatic	100 (30)	100 (30)	50 (15)	3,000 (207)	125 (56)	1 in/1 in (25 mm/ 25 mm)	24R434	24R435	24R436		24R115	126376 – 3/4 in x 75 ft (19 mm x 23 m)
		Hydraulic	100 (30)	100 (30)	50 (15)	3,000 (207)	103 (47)		24R431	24R432	24R433			126377 – 3/4 in x 100 ft (19 mm x 30 m)
		12 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	3,000 (207)	134 (61)		24R422	24R423	24R424			126503 – 1 in x 50 ft (25 mm x 15 m)
		24 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	3,000 (207)	134 (61)		24R425	24R426	24R427			
		115 VAC Electric	100 (30)	100 (30)	50 (15)	3,000 (207)	134 (61)		24R428	24R429	24R430			
	Diesel Fuel	Pneumatic	100 (30)	100 (30)	50 (15)	600 (41)	123 (56)	1 in/1 in (25 mm/ 25 mm)	24R419	24R420	24R421			24R115
		Hydraulic	100 (30)	100 (30)	50 (15)	600 (41)	101 (45)		24R414	24R415	24R416			
		12 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R404	24R405	24R406			
		24 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R407	24R408	24R409			
		115 VAC Electric	100 (30)	100 (30)	50 (15)	600 (41)	133 (60)		24R410	24R412	24R413			
	Waste Oil Evac.	Pneumatic	-	-	50 (15)	600 (41)	123 (56)	1 in/1 in (25 mm/ 25 mm)	24R419	24R420	24R421	24R112	126379 – 1 in x 50 ft (25 mm x 15 m)	
		Hydraulic	-	-	50 (15)	600 (41)	101 (45)		24R414	24R415	24R416			
		12 VDC Electric, 1/2 HP	-	-	50 (15)	600 (41)	133 (60)		24R404	24R405	24R406			
		24 VDC Electric, 1/2 HP	-	-	50 (15)	600 (41)	133 (60)		24R407	24R408	24R409			
		115 VAC Electric	-	-	50 (15)	600 (41)	133 (60)		24R410	24R412	24R413			
	Grease	Pneumatic	-	-	50 (15)	3,000 (207)	125 (75)	1 in/1 in (25 mm/ 25 mm)	24R434	24R435	24R436	-	-	
		Hydraulic	-	-	50 (15)	3,000 (207)	103 (47)		24R431	24R432	24R433			
		12 VDC Electric, 1/2 HP	-	-	50 (15)	3,000 (207)	134 (61)		24R422	24R423	24R424			
		24 VDC Electric, 1/2 HP	-	-	50 (15)	3,000 (207)	134 (61)		24R425	24R426	24R427			
115 VAC Electric		-	-	50 (15)	3,000 (207)	134 (61)	24R428		24R429	24R430				



Hose and Cord Reels

### Remember to Order!

 <p><b>Ball Stop Kit</b> See page 251</p>	 <p><b>Hose Guide</b> See page 251</p>	 <p><b>Support Arm</b> See page 251</p>	 <p><b>Hose</b> See page 252-253</p>	 <p><b>Hose Inlet</b> See page 251</p>
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## Ordering Information

### Reel with Motor – 1 in (25 mm) Inlet/Outlet

#### XD 70 / XD 80 Reels

Reel Size	Fluid	Motor	Hose Capacity of Reel ft (m)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/Outlet Size NPT(F)	Reel Part Number by Color			Hose Accessories (Must be ordered separately)	
			Hose ID 1 in (25 mm)				Metallic Blue	Yellow	White	Hose Inlet Kit	Hose
XD 7010	Air/Water	Pneumatic	100 (30)	600 (41)	122 (55)	1 in/1 in (25 mm/25 mm)	24R449	24R450	24R451	24R111	126363 – 1 in x 75 ft (25 mm x 23 m) 126364 – 1 in x 100 ft (25 mm x 30 m)
		Hydraulic	100 (30)	600 (41)	100 (45)		24R446	24R447	24R448		
		12 VDC Electric, 1/2 HP	100 (30)	600 (41)	132 (60)		24R437	24R438	24R439		
		24 VDC Electric, 1/2 HP	100 (30)	600 (41)	132 (60)		24R440	24R441	24R442		
		115 VAC Electric	100 (30)	600 (41)	132 (60)		24R443	24R444	24R445		
	Oil	Pneumatic	100 (30)	3,000 (207)	100 (56)	1 in/1 in (25 mm/25 mm)	24R464	24R465	24R466		126504 – 1 in x 75 ft (25 mm x 23 m) 126505 – 1 in x 100 ft (25 mm x 30 m)
		Hydraulic	100 (30)	3,000 (207)	102 (46)		24R461	24R462	24R463		
		12 VDC Electric, 1/2 HP	100 (30)	3,000 (207)	133 (60)		24R452	24R453	24R454		
		24 VDC Electric, 1/2 HP	100 (30)	3,000 (207)	133 (60)		24R455	24R456	24R457		
		115 VAC Electric	100 (30)	3,000 (207)	133 (60)		24R458	24R459	24R460		
	Diesel Fuel	Pneumatic	100 (30)	600 (41)	122 (55)	1 in/1 in (25 mm/25 mm)	24R449	24R450	24R451	24R115	24R103 – 1 in x 75 ft (25 mm x 23 m) 24R106 – 1 in x 100 ft (25 mm x 30 m)
		Hydraulic	100 (30)	600 (41)	100 (45)		24R446	24R447	24R448		
12 VDC Electric, 1/2 HP		100 (30)	600 (41)	132 (60)	24R437		24R438	24R439			
24 VDC Electric, 1/2 HP		100 (30)	600 (41)	132 (60)	24R440		24R441	24R442			
115 VAC Electric		100 (30)	600 (41)	132 (60)	24R443		24R444	24R445			
XD 8010	Air/Water	Pneumatic	150 (46)	600 (41)	164 (74)	1 in/1 in (25 mm/25 mm)	24R531	24R532	24R533	24R111	-
		Hydraulic	150 (46)	600 (41)	142 (64)		24R528	24R529	24R530		
		12 VDC Electric, 1/2 HP	150 (46)	600 (41)	173 (78)		24R519	24R520	24R521		
		24 VDC Electric, 1/2 HP	150 (46)	600 (41)	173 (78)		24R522	24R523	24R524		
		115 VAC Electric	150 (46)	600 (41)	173 (78)		24R525	24R526	24R527		
	Oil	Pneumatic	150 (46)	3,000 (207)	165 (75)	1 in/1 in (25 mm/25 mm)	24R546	24R547	24R548		-
		Hydraulic	150 (46)	3,000 (207)	143 (65)		24R543	24R544	24R545		
		12 VDC Electric, 1/2 HP	150 (46)	3,000 (207)	175 (79)		24R534	24R535	24R536		
		24 VDC Electric, 1/2 HP	150 (46)	3,000 (207)	175 (79)		24R537	24R538	24R539		
		115 VAC Electric	150 (46)	3,000 (207)	175 (79)		24R540	24R541	24R542		
	Diesel Fuel	Pneumatic	150 (46)	600 (41)	164 (74)	1 in/1 in (25 mm/25 mm)	24R531	24R532	24R533	24R115	24T252 – 1 in x 150 ft (25 mm x 46 m)
		Hydraulic	150 (46)	600 (41)	142 (64)		24R528	24R529	24R530		
12 VDC Electric, 1/2 HP		150 (46)	600 (41)	173 (78)	24R519		24R520	24R521			
24 VDC Electric, 1/2 HP		150 (46)	600 (41)	173 (78)	24R522		24R523	24R524			
115 VAC Electric		150 (46)	600 (41)	173 (78)	24R525		24R526	24R527			



Hose and Cord Reels

### Remember to Order!

 <b>Ball Stop Kit</b> See page 251	 <b>Hose Guide</b> See page 251	 <b>Support Arm</b> See page 251	 <b>Hose</b> See page 252-253	 <b>Hose Inlet</b> See page 251
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# XD Series Bare Hose Reels



60 / 70 / 80

## Ordering Information

### Reel with Motor – 1-1/2 in (38 mm) Inlet/Outlet

#### XD 70 / XD 80 Reels

Reel Size	Fluid	Motor	Hose Capacity of Reel ft (m)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/Outlet Size NPT(F)	Reel Part Number by Color			Hose Accessories (Must be ordered separately)	
			Hose ID 1-1/2 in (38 mm)				Metallic Blue	Yellow	White	Hose Inlet Kit	Hose
XD 7015	Diesel Fuel	Pneumatic	65 (20)	600 (41)	100 (56)	1-1/2 in / 1-1/2 in (38 mm / 38 mm)	24R516	24R517	24R518	24R117	24R110 – 1-1/4 in x 50 ft (32 mm x 15 m) 24R114 – 1-1/2 in x 50 ft (38 mm x 15 m)
		Hydraulic	65 (20)	600 (41)	102 (46)		24R512	24R513	24R515		
		12 VDC Electric, 1/2 HP	65 (20)	600 (41)	133 (60)		24R503	24R504	24R505		
		24 VDC Electric, 1/2 HP	65 (20)	600 (41)	133 (60)		24R506	24R507	24R508		
		115 VAC Electric	65 (20)	600 (41)	133 (60)		24R509	24R510	24R511		
	Waste Oil Evac.	Pneumatic	50 (15)	600 (41)	100 (56)		24R516	24R517	24R518	-	126380 – 1-1/4 in x 35 ft (32 mm x 11 m) 126688 – 1-1/4 in x 50 ft (32 mm x 15 m) 127173 – 1-1/2 in x 50 ft (38 mm x 15 m)
		Hydraulic	50 (15)	600 (41)	102 (46)		24R512	24R513	24R515		
		12 VDC Electric, 1/2 HP	50 (15)	600 (41)	133 (60)		24R503	24R504	24R505		
		24 VDC Electric, 1/2 HP	50 (15)	600 (41)	133 (60)		24R506	24R507	24R508		
		115 VAC Electric	50 (15)	600 (41)	133 (60)		24R509	24R510	24R511		
XD 8015	Diesel Fuel	Pneumatic	100 (50)	600 (41)	165 (75)	24R561	24R562	24R563	24R117	24T253 – 1-1/2 in x 100 ft (38 mm x 30 m)	
		Hydraulic	100 (50)	600 (41)	143 (65)	24R558	24R559	24R560			
		12 VDC Electric, 1/2 HP	100 (50)	600 (41)	175 (79)	24R549	24R550	24R551			
		24 VDC Electric, 1/2 HP	100 (50)	600 (41)	175 (79)	24R552	24R553	24R554			
		115 VAC Electric	100 (50)	600 (41)	175 (79)	24R555	24R556	24R557			

### Reel with Motor – 2 in (51 mm) Inlet/Outlet

#### XD 70 / XD 80 Reels

Reel Size	Fluid	Motor	Hose Capacity of Reel ft (m)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/Outlet Size NPT(F)	Reel Part Number by Color			Hose Accessories (Must be ordered separately)	
			Hose ID 2 in (51 mm)				Metallic Blue	Yellow	White	Hose Inlet Kit	Hose
XD 7020	Diesel Fuel	Pneumatic	33 (10)	600 (41)	128 (58)	2 in/2 in (51 mm / 51 mm)	24T023	24T024	24T025	24R118	127167 – 2 in x 33 ft (51 mm x 10 m)
		Hydraulic	33 (10)	600 (41)	106 (48)		24T020	24T021	24T022		
		12 VDC Electric, 1/2 HP	33 (10)	600 (41)	137 (62)		24T011	24T012	24T013		
		24 VDC Electric, 1/2 HP	33 (10)	600 (41)	137 (62)		24T014	24T015	24T016		
		115 VAC Electric	33 (10)	600 (41)	137 (62)		24T017	24T018	24T019		
		XD 8020	Diesel Fuel	Pneumatic	50 (15)		600 (41)	169 (76)	24R576		
Hydraulic	50 (15)			600 (41)	147 (67)		24R573	24R574	24R575		
12 VDC Electric, 1/2 HP	50 (15)			600 (41)	179 (81)		24R564	24R565	24R566		
24 VDC Electric, 1/2 HP	50 (15)			600 (41)	179 (81)		24R567	24R568	24R569		
115 VAC Electric	50 (15)			600 (41)	179 (81)		24R570	24R571	24R572		

### Remember to Order!

 <b>Ball Stop Kit</b> See page 251	 <b>Hose Guide</b> See page 251	 <b>Support Arm</b> See page 251	 <b>Hose</b> See page 252-253	 <b>Hose Inlet</b> See page 251
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## Ordering Information

### Reel Frames Only

#### XD 60 / XD 70 / XD 80 Reels

Motor is not included and must be purchased separately.

Reel Size	Fluid	Hose Capacity of Reel ft (m)					Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/Outlet Size NPT(F)	Reel Part Number by Color			
		Hose ID in (mm)								Metallic Blue	Yellow	White	
		1/2 (13)	3/4 (19)	1 (25)	1-1/2 (38)	2 (51)							
XD 6010	Air/Water/Diesel Fuel	100 (30)	100 (30)	50 (15)	-	-	600 (41)	87 (39)	1 in/1 in (25 mm/25 mm)	24T104	24T105	24T106	
	Oil	100 (30)	100 (30)	50 (15)	-	-	3,000 (207)	88 (40)		24T107	24T108	24T109	
	Waste Oil Evac.	-	-	50 (15)	-	-	600 (41)	87 (39)		24T104	24T105	24T106	
	Grease	-	-	50 (15)	-	-	3,000 (207)	88 (40)		24T107	24T108	24T109	
XD 7010	Air/Water/Diesel Fuel	-	-	100 (30)	-	-	600 (41)	86 (39)		24T110	24T111	24T112	
	Oil	-	-	100 (30)	-	-	3,000 (207)	87 (39)		24T113	24T114	24T115	
XD 8010	Air/Water/Diesel Fuel	-	-	150 (46)	-	-	600 (41)	127 (58)		24T122	24T123	24T124	
	Oil	-	-	150 (46)	-	-	3,000 (207)	129 (58)		24T125	24T126	24T127	
XD 7015	Waste Oil Evac.	-	-	-	50 (15)	-	600 (41)	87 (39)		1-1/2 in/ 1-1/2 in (38 mm/38 mm)	24T116	24T117	24T118
		-	-	-	65 (20)	-	600 (41)	87 (39)			24T116	24T117	24T118
XD 8015	Diesel Fuel	-	-	-	100 (30)	-	600 (41)	129 (58)			24T128	24T129	24T130
XD 7020		-	-	-	-	33 (10)	600 (41)	91 (41)			24T119	24T120	24T121
XD 8020		-	-	-	-	50 (15)	600 (41)	133 (60)	24T131		24T132	24T133	

### Motor Assemblies – Pair with Frame-Only Models

Image	Part Number	Description
	24T892	Pneumatic motor assembly, reversible type. For installing motor to bare XD reel.
	24T891	Hydraulic motor assembly, reversible type. For installing motor to bare XD reel.
	24T886	12 VDC, 1/2 HP motor assembly, reversible type. For installing motor to bare XD frame.
	24T910	12 VDC, 2/3 HP motor assembly, reversible type. For installing motor to bare XD frame.
	24T888	24 VDC, 1/2 HP motor assembly, reversible type. For installing motor to bare XD frame.
	24T911	24 VDC, 2/3 HP motor assembly, reversible type. For installing motor to bare XD frame.
	24T889	115 VAC, 0.40 HP motor assembly, reversible type. For installing motor to bare XD frame.

### Remember to Order!

<b>Ball Stop Kit</b> See page 251	<b>Hose Guide</b> See page 251	<b>Support Arm</b> See page 251	<b>Hose</b> See page 252-253	<b>Hose Inlet</b> See page 251

Hose and Cord Reels



## Ordering Information

### Motor Controls (Required)


	Part Number	Description
	127271	Pneumatic valve to control XD 60/70/80 pneumatic powered hose reels. 2-position, 3-way valve.
	24T875	Hydraulic control module for electric over hydraulic control of XD 60/70/80 hydraulic powered hose reels, 12 VDC. 3-position, 4-way valve.
	24T876	Hydraulic control module for electric over hydraulic control of XD 60/70/80 hydraulic powered hose reels, 24 VDC. 3-position, 4-way valve.
	127224	Hydraulic control module for electric over hydraulic control of XD 60/70/80 hydraulic powered hose reels, 12V, includes switch. 3-position, 4-way valve.
	127225	Hydraulic control module for electric over hydraulic control of XD 60/70/80 hydraulic powered hose reels, 24V, includes switch. 3-position, 4-way valve.
	127214	Momentary push-button on/off switch with red rubber cap. Use for 12 or 24 VDC.
	127217	Hazardous-location push-button on/off switch. Use for 12 and 24 VDC.
	127223	Hazardous-location push-button on/off switch. Use for 115 and 220 VAC.
	127218	Hazardous-location junction box
	127219	12 VDC intermittent-duty solenoid recommended for activating rewind on 12 VDC motor
	127220	24 VDC intermittent-duty solenoid recommended for activating rewind on 24 VDC motor
	127221	Manual-reset push-button circuit breaker, 50 amp rating
	127222	Manual-reset push-button circuit breaker, 25 amp rating





## XD Series Bare Hose Reel Accessories

### Ordering Information



#### Ball Stop Kits

	Part Number	Description
	237873	Ball stop kit used for 3/4 in (19 mm) hose
	237874	Ball stop kit used for 1 in (25 mm) hose
	24R060	Ball stop kit used for 1.25 in (32 mm) hose
	24R061	Ball stop kit used for 1.5 in (38 mm) hose


#### Hose Guide

	Part Number	Description
	24T327	Stainless steel hose guide for XD 60
	24T328	Stainless steel hose guide for XD 70
	24T329	Stainless steel hose guide for XD 80
	24R072	Roller guide kit with bracket for XD 40 and XD 60
	24T330	Roller guide kit with bracket for XD 70
	24T331	Roller guide kit with bracket for XD 80


#### Support Arm Kit with Hose Guide

	Part Number	Description
	24T332	Arm kit with stainless steel hose guide for XD 60 (24T327)
	24T333	Arm kit with stainless steel hose guide for XD 70 (24T328)
	24T334	Arm kit with stainless steel hose guide for XD 80 (24T329)
	24T335	Arm kit with roller guide for XD 60 (24R072)
	24T336	Arm kit with roller guide for XD 70 (24T330)
	24T337	Arm kit with roller guide for XD 80 (24T331)

#### Hose Inlet Kits

	Part Number	Description
	24R111	1 in (25 mm) hose inlet kit for air/water and oil 1,275 psi (88 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R112	1 in (25 mm) hose inlet kit for waste oil evacuation 250 psi (17 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R115	1 in (25 mm) hose inlet kit for diesel fuel 250 psi (17 bar), 1 in NPT hose inlet ID, 28 in (710 mm) long
	24R117	1-1/2 in (38 mm) hose inlet kit for diesel fuel 150 psi (10 bar), 1-1/2 in NPT hose inlet ID, 28 in (710 mm) long
	24R118	2 in (51 mm) hose inlet kit for diesel fuel 150 psi (10 bar), 2 in NPT hose inlet ID, 28 in (710 mm) long
	24T858	1-1/2 in (38 mm) hose inlet kit for waste oil evacuation 150 psi (10 bar), 1-1/2 in NPT hose inlet ID, 28 in (710 mm) long


#### Self-Adhesive Identification Label Set

	Part Number	Description
	180698	Set includes: 1 in x 5 in (25.4 mm x 127 mm) hose reels labels for Antifreeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF




## Ordering Information


### Air/Water/Antifreeze Hoses

	Part Number	Description	Compatible Reel Series
	16A684	1/2 in x 75 ft (13 mm x 23 m) hose for air/water, 300 psi (20.6 bar)	XD 30
	126359	1/2 in x 100 ft (13 mm x 30 m) hose for air/water, 300 psi (20.6 bar)	XD 40, XD 60
	16A707	3/4 in x 50 ft (19 mm x 15 m) hose for air/water, 300 psi (20.6 bar)	XD 30
	126360	3/4 in x 75 ft (19 mm x 23 m) hose for air/water, 300 psi (20.6 bar)	XD 40
	126361	3/4 in x 100 ft (19 mm x 30 m) hose for air/water, 300 psi (20.6 bar)	XD 40, XD 60
	126362	1 in x 50 ft (25 mm x 15 m) hose for air/water, 300 psi (20.6 bar)	XD 40, XD 60
	126363	1 in x 75 ft (25 mm x 23 m) hose for air/water, 300 psi (20.6 bar)	XD 50
	126364	1 in x 100 ft (25 mm x 30 m) hose for air/water, 300 psi (20.6 bar)	XD 50, XD 70


### Oil Hoses

	Part Number	Description	Compatible Reel Series
	26C121	1/2 in x 35 ft (13 mm x 11 m) hose for oil, 2,000 psi (138 bar)	SDX 10, XDX 10
	26C122	1/2 in x 50 ft (13 mm x 15 m) hose for oil, 2,000 psi (138 bar)	SDX 20, XDX 20
	26C123	1/2 in x 75 ft (13 mm x 23 m) hose for oil, 2,000 psi (138 bar)	XD 30
	26C124	1/2 in x 100 ft (13 mm x 30 m) hose for oil, 2,000 psi (138 bar)	XD 40, XD 60
	126376	3/4 in x 75 ft (19 mm x 23 m) hose for oil, 1,500 psi (103 bar)	XD 40, XD 60
	126377	3/4 in x 100 ft (19 mm x 30 m) hose for oil, 1,500 psi (103 bar)	XD 40, XD 60
	126503	1 in x 50 ft (25 mm x 15 m) hose for oil, 3,000 psi (207 bar)	XD 40, XD 60
	126504	1 in x 75 ft (25 mm x 23 m) hose for oil, 3,000 psi (207 bar)	XD 50
126505	1 in x 100 ft (25 mm x 30 m) hose for oil, 3,000 psi (207 bar)	XD 70, XD 80	

### Grease Hoses


	Part Number	Description	Compatible Reel Series
	109158	1/4 in x 50 ft (6 mm x 15m) hose for grease, 5,000 psi (345 bar)	SDX 10, XDX 10
	124470	3/8 in x 35 ft (10 mm x 11 m) hose for grease, 4,800 psi (331 bar)	SDX 10, XDX 10
	124461	3/8 in x 50 ft (10 mm x 15 m) hose for grease, 4,800 psi (331 bar)	SDX 20, XDX 20
	126076	3/8 in x 75 ft (10 mm x 23m) hose for grease, 5,000 psi (345 bar)	XD 30
	16A674	1/2 in x 50 ft (13 mm x 15 m) hose for grease, 5,000 psi (345 bar)	XD 30

### Waste Oil Evacuation Hoses

	Part Number	Description	Compatible Reel Series
	16A686	1 in x 30 ft (25 mm x 9 m) hose for waste oil or fuel, 125 psi (9 bar)	XD 30
	126379	1 in x 50 ft (25 mm x 15 m) hose for waste oil, 250 psi (17 bar)	XD 40, XD 60
	126380	1 1/4 in x 35 ft (32 mm x 10.5 m) hose for waste oil, 200 psi (13.8 bar)	XD 50
	126688	1 1/4 in x 50 ft (32 mm x 15 m) hose for waste oil, 200 psi (13.8 bar)	XD 50
	127173	1 1/2 in x 50 ft (38 mm x 15 m) hose for waste oil, 200 psi (13.8 bar)	XD 50


## Ordering Information

### Diesel Fuel Hoses




Part Number	Description	Compatible Reel Series
16A686	1 in x 30 ft (25 mm x 9 m) hose for waste oil or fuel, 125 psi (9 bar)	XD 30
24R102	1 in x 50 ft (25 mm x 15 m) hose for diesel fuel, 250 psi (17 bar)	XD 40, XD 60
24R103	1 in x 75 ft (25 mm x 23 m) hose for diesel fuel, 250 psi (17 bar)	XD 50
24R106	1 in x 100 ft (25 mm x 30 m) hose for diesel fuel, 250 psi (17 bar)	XD 50, XD 70
24T252	1 in x 150 ft (25 mm x 46 m) hose for diesel fuel, 250 psi (17 bar)	XD 80
24R108	1 1/4 in x 35 ft (32 mm x 10.5 m) hose for diesel fuel, 250 psi (17 bar)	XD 50
24R110	1 1/4 in x 50 ft (32 mm x 15 m) hose for diesel fuel, 250 psi (17 bar)	XD 50
24R114	1 1/2 in x 50 ft (38 mm x 15 m) hose for diesel fuel, 150 psi (11 bar)	XD 50
24T253	1 1/2 in x 100 ft (38 mm x 30 m) hose for diesel fuel, 150 psi (11 bar)	XD 80
127167	2 in x 33 ft (51 mm x 10 m) hose for diesel fuel, 150 psi (11 bar)	XD 80
24T254	2 in x 50 ft (51 mm x 15 m) hose for diesel fuel, 150 psi (11 bar)	XD 80

### Diesel Exhaust Fluid (DEF) Hoses



Part Number	Description	Compatible Reel Series
125242	3/4 in x 50 ft (19 mm x 15 m) hose for DEF fluid, 50 psi (3 bar)	XD 30

### Pressure Wash Hoses



Part Number	Description	Compatible Reel Series
16A688	3/8 in x 75 ft (10 mm x 23m) hose for pressure wash, 4,000 psi (276 bar)	XD 30
126075	1/2 in x 50 ft (13 mm x 15 m) hose for pressure wash, 4,500 psi (310 bar)	XD 30

## Notes



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# FLUID RECLAIM EQUIPMENT



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## Convenient Used-Oil Receiver

Oil King is designed with the busy shop in mind. With oversized tires and push-pull handles it allows for smooth maneuvering. The large funnel can collect fluids from both a drain plug and a filter port at the same time.

**5 Year  
Warranty!**

### Large Offset Collection Pan

This funnel can be raised to a maximum height of 72 in (183 cm) and is equipped with a filter screen to prevent debris from entering the tank.

### Filter Drain Tray

Used filters are able to drain separately from the collection pan.

### Convenient Tool Tray

Built-in holding bins for new or used filters, wrenches and rags all at your fingertips.

### Liquid Sight Gauge

A full-length liquid level sight gauge lets you know when the tank is full.

### Large 25-Gallon (94.6 l) Capacity Receiver

Made from a heavy-duty, durable UV stabilized polymer. Dent-, rust- and corrosion-resistant.

### Oversized Tires

Easily maneuver over hose and rough floors.

### Two Evacuation Port Options

Choose from the gravity drain valve at the bottom or suction evacuation at the top.



#### Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

#### Typical Fluids Handled

- Used oil

#### Technical Specifications

Fluid	Used Oil
Fluid Capacity	25 gal (95 l)
Evacuation	Bottom – Gravity / Top – Suction
Receiver Material	Polyethylene
Length	24 in (60 cm)
Width	24 in (60 cm)
Height	45 to 72 in (1.1 to 1.8 m)
Funnel Size	22 x 24 in (50 x 56 cm)
Dry Weight	54 lb
Instruction Manual	308667

## Ordering Information

Part Number	Description
238866	25 gal (95 l) used-oil receiver with used-filter tray, tool holders and sight gauge. Must use wall mount package (224873) for topside evacuation.

Must ship via truck.



**5 Year  
Warranty!**

## Durable Receiver

Coolant King is designed with the busy shop in mind. With oversized tires and push-pull handles it allows for smooth maneuvering. The full-length sight gauge lets you know when the tank is full.

### Large Offset Collection Pan

This funnel can be raised to a maximum height of 72 in (183 cm) and is equipped with a filter screen to prevent debris from entering the tank.

### Convenient Tool Tray

Built-in holding bins for shop tools at your fingertips.

### Liquid Sight Gauge

A full-length liquid-level sight gauge lets you know when the tank is full.

### Large 25-Gallon (94.6 l) Capacity Receiver

Made from a heavy-duty, durable UV stabilized polymer. Dent-, rust- and corrosion-resistant. Color specific for easy fluid identification.

### Oversized Tires

Easily maneuver over hose and rough floors.

### Two Evacuation Port Options

Choose from the gravity drain valve at the bottom or suction-evacuation at the top.

## Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

## Typical Fluids Handled

- Used antifreeze

## Technical Specifications

Fluid	Antifreeze
Fluid Capacity	25 gal (95 l)
Evacuation	Bottom – Gravity / Top – Suction
Receiver Material	Polyethylene
Length	24 in (60 cm)
Width	24 in (60 cm)
Height	45 to 72 in (1.1 to 1.8 m)
Funnel Size	22 x 24 in (50 x 56 cm)
Dry Weight	54 lb
Instruction Manual	308667

## Ordering Information

Part Number	Description
248632	25 gal (95 l) used-antifreeze receiver with used-filter tray, tool holders and sight gauge. Must use wall mount package (224873) for topside evacuation.

Must ship via truck.

## Pressurized Oil Drain

Drain, evacuate and transfer used oil reliably, quickly and in the most cost-effective manner.

**5 Year  
Warranty!**

### Large Offset Collection Pan

23 inch (58 cm) diameter offset collection bowl gives you a 31 inch (79 cm) total reach.

### Superior Maneuverability

Wider and thicker handle for comfort.

### Easy to Drain

Pressurize using shop air for easy oil evacuation.

### Large 24-Gallon (90 l) Capacity Receiver

Perfect for small to large shops without an evacuation system.

### Liquid Sight Gauge

Easy-to-read tank-level gauge lets you know when the tank is full.

### Large Casters

Easily move around rough shop floors.



#### Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

#### Typical Fluids Handled

- Used oil

#### Technical Specifications

Fluid	Used oil
Fluid Capacity	24 gal (91 l)
Evacuation	Pressurized
Receiver Material	Steel
Length	24 in (60 cm)
Width	16 in (40.6 cm)
Height	56 to 80 in (143.5 to 203 cm)
Funnel Size	24 in (61 cm) diameter
Dry Weight	74 lb
Instruction Manual	310864

#### Ordering Information

Part Number	Description
119577	24 gal (90 l) steel-tank pressurized oil drain

## Vacuum-Assisted Oil Collection System

Large-capacity collection systems make removing drain plugs a thing of the past. Oil Ace models with optional sight chamber offer the technician a visual indication of the waste fluid quantity. This technology reduces the threat of costly damages caused by over- or under-torquing or cross-threading drain plugs.



### Large Offset Collection Pan

Wide offset collection bowl prevents splashing.

### Vacuum Gauge

Ensure peak performance with easy-to-read vacuum gauge.

### Sight Glass

Inspect oil quality via large, clear evacuation chamber and verify amount extracted.

### Easy to Drain

Pressurize using shop air for easy oil evacuation.

### Vacuum Probes

Variety of flexible suction attachments and adapters included.

### Large 24 Gallon (90 l) Capacity Receiver

Perfect for small to large shops without an evacuation system.

### Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

### Typical Fluids Handled

- Used oil

### Technical Specifications

Fluid	Used oil
Tank Capacity	24 gallon (90 l)
Evacuation	Pressurized
Receiver Material	Steel
Length	24 in (61 cm)
Width	16 in (40.6 cm)
Height	39 to 70.8 in (99 to 180 cm)
Funnel Size	23.8 in (60 cm)
Dry Weight	50.7 to 73.2 lbs (23 to 33.2 kg)
Instruction Manual	310864

## Ordering Information

	Part Number	Description
	26C061	24 gal (90 l) steel tank with suction probes and adapters
	26C062	24 gal (90 l) steel tank with suction probes, adapters and sight glass
	26C063	24 gal (90 l) steel tank with suction probes, adapters and oil drain funnel
	26C064	24 gal (90 l) steel tank with suction probes, adapters, sight glass and oil drain funnel



### Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

### Typical Fluids Handled

- Used oil

### Technical Specifications

Fluid	Used oil
Fluid Capacity	16 gal (61 l)
Evacuation	Gravity
Receiver Material	Steel (239302 does not include drum)
Manual	306449
Length	26 in (66 cm)
Width	23 in (58 cm)
Height	42 to 70 in (107 to 177 cm)
Funnel Size	23 x 23 in (58 x 58 cm)
Dry Weight	40 lb (18 kg)

### Ordering Information

Part Number	Description
239301*	16 gal (60 l) Oil receiver with steel drum oil receiver
239302	16 gal (60 l) Oil receiver without drum

\*Use with evacuation kit 224873 or 24E166. 240832 can be ordered separately for existing diaphragm pump evacuation systems.

Fluid Reclaim Equipment

## Accessories

### Funnel Kit

Part Number	Description
243650	Use with 238866, 239301, 239302 and 248632. Includes tray and pipe.

### Wall-Mounted Funnel Drain

Part Number	Description
154616	Use with Pedestal Receiver 225272 to open automatic check-valve and drain used oil through wall to waste tank. Drain has 1-1/4 NPT(F) outlet.

### Drum-Mounted Funnel Drain

Part Number	Description
156789	Use with Pedestal Receiver 225272 to open automatic check-valve and drain used oil into standard drum. Funnel drain has 2 in NPT bung fitting for use with 55 gal (210 l) or 16 gal (60 l) drums or 275 gallon (1,100 l) tanks.

### ATF Drain Funnel

Part Number	Description
208009	Use with Pedestal Receiver 225272 to extend funnel reach. Use for draining transmissions. Not equipped with drain plug. 16 in x 24-1/2 in.



## Technical Specifications

Fluid	Antifreeze / Oil
Fluid Capacity	26 gal (98.4 l)
Evacuation	Gravity
Receiver Material	Steel
Length	42 in (106.7 cm)
Width	30 in (76.2 cm)
Height	9 to 11 in (22.9 to 27.9 cm)
Instruction Manual	309194

## Typical Applications

- Truck maintenance facility
- Heavy-duty dealerships
- Fleet services facilities

## Typical Fluids Handled

- Antifreeze
- Used oil

## Ordering Information

Part Number	Description
244055*	Big Hauler truck drain specially designed for truck maintenance facilities

\*Use with evacuation kit 224873 or 24E166. 240832 can be ordered separately for existing diaphragm pump evacuation systems.

## Track Receivers



## Technical Specifications

Part Number	218969	235346
Fluid	Oil	Oil
Fluid Capacity	30 gal (113 l)	27 gal (102 l)
Evacuation	Gravity	Gravity
Receiver Material	Steel	Steel
Extension Range	37.5 to 46 in (0.95 to 1.17 m)	34.1 to 42.6 in (0.87 to 1.08 m)
Instruction Manual	307727	307727

## Typical Applications

- Fast lube centers
- Fleet services facilities

## Typical Fluids Handled

- Used oil

## Ordering Information

Part Number	Description
218969	Specially designed for car and truck fast lube facilities where speed and mobility are important. Adjustable steel rollers fit track widths.
235346	Narrow rolling used-oil receiver, specially designed for car and truck fast lube facilities where speed and mobility are important. Adjustable steel rollers fit track widths. Same as 218969 except track width range.



## Typical Applications

- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities

## Typical Fluids Handled

- Used oil

Husky 1050



Husky 716



## Technical Specifications

	Husky 716	Husky 1050
Maximum Fluid Working Pressure	100 psi (7.0 bar / 0.7 MPa)	100 psi (7.0 bar / 0.7 MPa)
Approximate Free Flow Rate @ 100 psi	16 gal/min (61 l/min)	50 gal/min (189 l/min)
Output per Cycle	0.04 gal (0.15 l)	0.17 gal (0.64 l)
Air Inlet	1/4 in	1/2 in
Fluid Inlet	3/4 in	1 in
Fluid Outlet	3/4 in	1 in
Maximum Pump Speed	400 cpm	275 cpm
Cycles per Gallon	25 cpg	5.9 cpg
Cycles per Liter	6.7 cpl	1.6 cpl
Wetted Parts	Buna-N, acetal, aluminum, stainless steel, PTFE, zinc-plated steel	Aluminum, TPC-ET, acetal, PTFE, Buna-N
Sound Pressure Level	85 dB(A)	96 dB(A)
Sound Power Level	95 dB(A)	90 dB(A)
Approximate Weight	8.5 lb (3.9 kg)	23 lb (10.5 kg)
Instruction Manual	308573	313597

## Ordering Information

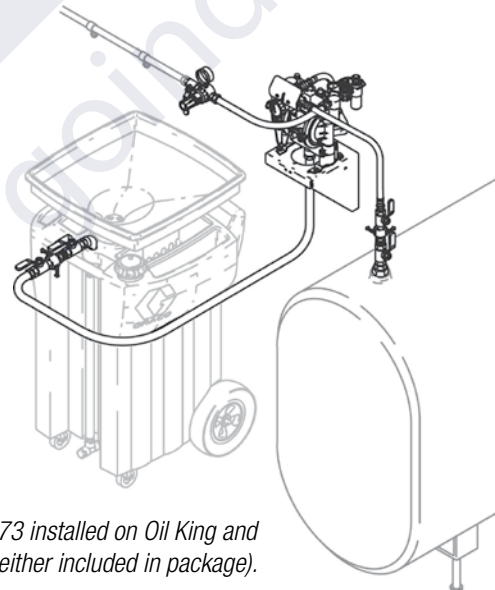
Part Number	Description
241906	Husky 716 Evacuation Pump
647731	Husky 1050 Evacuation Pump

## Ordering Information

### Wall Mount Packages



Package Number	24E166	25T815	224873
Diaphragm Pump	1050A (1 in) UL-listed	1050A (1 in) UL-listed	716 (3/4 in)
Pump Part Number	647731	647016	241906
Mounting Type	Wall Bracket	Wall Bracket	Wall Bracket
Mounting Part Number	24C637	24C637	224835
Fluid	Oil	Antifreeze	Antifreeze / Oil
Evacuation	Drum Adapter	Drum Adapter	Drum Adapter
Evacuation Part Number	240832	240832	240832
Air Installation Kit	240684	240684	240684
Fluid Installation Kit	240685	240685	240685
Instruction Manual	313597	313597	308719
Listings	UL, CE	UL, CE	-



Package 224873 installed on Oil King and tank (neither included in package).

## Ordering Information

### Base Pump Packages

System evacuates lube from differential case using suction generated by a diaphragm pump. Nylon tubes ranging in size from 3/16 in OD to 1/2 in OD are included to fit through sight plug to completely drain the case. Evacuated gear lube is then pumped to waste tank. Piping and waste tank not included. Systems are fully groundable and bondable for safe transfer of used oil.



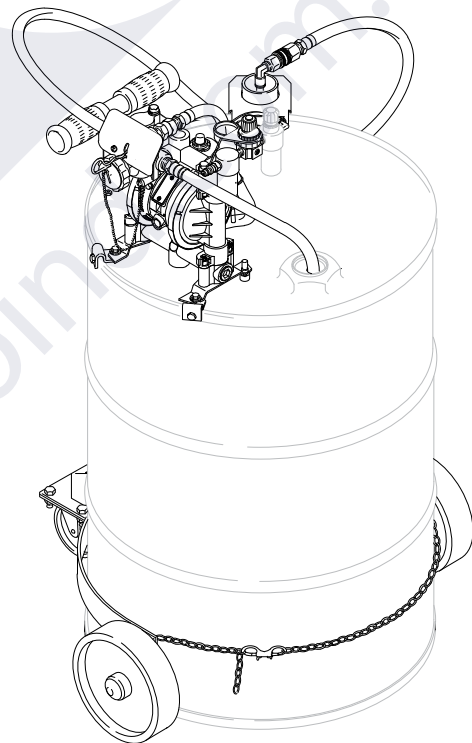
Package Number	224955	24E167	223695
Diaphragm Pump	716 (3/4 in)	1050A (1 in)	716 (3/4 in)
Pump Part Number	241906	647731	241906
Mounting Type	Base	Wall Bracket	Cart Hanger Bracket
Mounting Bracket/Kit	–	24C637	223697
Fluid	Gear Lube	Gear Lube	Gear Lube
Evacuation	Suction Wand	Suction Wand	Suction Wand
Evacuation Part Number	221146	221146	223696
Air Control Kit	110149	221147	–
Instruction Manual	308573	313597	308035 / 308573
Listings	CE	UL, CE	–
Notes	Order additional suction hose/wand (221146) and additional control valve (220969) for each additional suction point. Order grounding clamp (222011) or use locally supplied grounding wires and clamps in accordance with applicable codes.	Order additional suction hose/wand 221146 and additional control valve 220969 for each additional suction point. Order grounding clamp 222011 or use locally supplied grounding wires and clamps in accordance with applicable codes. See instruction manual 313597 for more information.	–

## Ordering Information

### Fas-Vac Mobile Packages



Package Number	224700	224701
Cart	224665	111470
Compatible Drum Size (Not included)	16 gal (60 l)	55 gal (200 l)
Pump	716 (3/4 in)	716 (3/4 in)
Pump Package	224667	224667
Fluid	Oil, Gear Lube	Oil, Gear Lube
Evacuation Kit	224669 / 224666	224702 / 224666
4-Way Valve	187359	187359
Port Size	1/2 NPT(F)	1/2 NPT(F)
Instruction Manual	308154	308154
Must be ordered separately (Not Included)		
Filter Regulator Lubricator (FRL)	110149	110149
FRL Mounting Kit	224759	224759

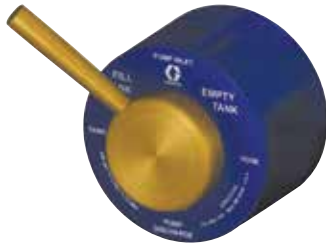


*Package 224701 installed on oil drum  
(Drum and filter regulator not  
included in package)*

## Ordering Information

### 4-Way Evacuation Valve

Directional control valve used to simplify the filling and emptying of tanks

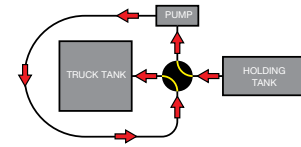


#### Features and Benefits

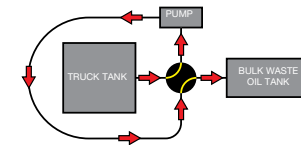
- Simplifies installation by eliminating need for multiple valves
- Unrestricted flow – no pressure or volume loss
- Two-position tank fill and emptying control
- Tapered, self-seating valve spool for superior sealing performance

Part Number	Description
120581	1 in NPT(F) 4-Way Evacuation Valve
120601	1-1/2 in NPT(F) 4-Way Evacuation Valve

Lube Truck/Holding Tank



Lube Truck/Bulk Waste Tank



### Air Regulators

Provides precision control of outlet air pressure. Feedback principle provides constant pressure to pump regardless of air demand rate and fluctuations in supply pressure. Additional fittings required (except air regulators with installation kits).







	Part Number	Description
	110318	1/4 NPT(FBE)
	110147	1/4 NPT(FBE) with gauge
	110234	3/8 NPT(FBE)
	109075	3/8 NPT(FBE) with gauge
	202858	3/8 NPT(M) x 1/2 NPSM(F) with gauge
	104266	1/2 NPT(FBE)
	244844	1/2 NPT(FBE) with gauge
	207755	3/4 NPT(FBE)
	244845	3/4 NPT(FBE) with gauge

## Fluid Reclaim Accessories

### Ordering Information



#### Air Filters and Drains

Centrifugal action 1/4, 3/8 and 1/2 NPT (with 20 micron filters); 3/4 NPT having 40 micron filters to remove water and foreign particles from air supply.

	Part Number	Description
	110146	1/4 NPT(FBE) Air Filter. Manual drain.
	106148	3/8 NPT(FBE) Air Filter. Auto-drain.
	106149	1/2 NPT(FBE) Air Filter. Manual drain.
	106150	3/4 NPT(FBE) Air Filter. Manual drain.
	106151	Automatic filter drain float-type, 1/4 NPT(M). Use with 106150, 112859 and 217074.
	127711	Automatic filter drain float-type. Use with 106148 and 106149. Sold in NA only.

#### Installation Kits

Installation kits include shut-off valve, regulators, gauges and fittings as necessary for normal installation.

	Part Number	Description
	218316	Installation kits for Fast-Flo, Fire-Ball or Husky 307, and 716 diaphragm pumps
	224512	Installation kits for Mini Fire-Ball 225 and Fire-Ball

## Accessories Ordering Information

### Additional Accessories

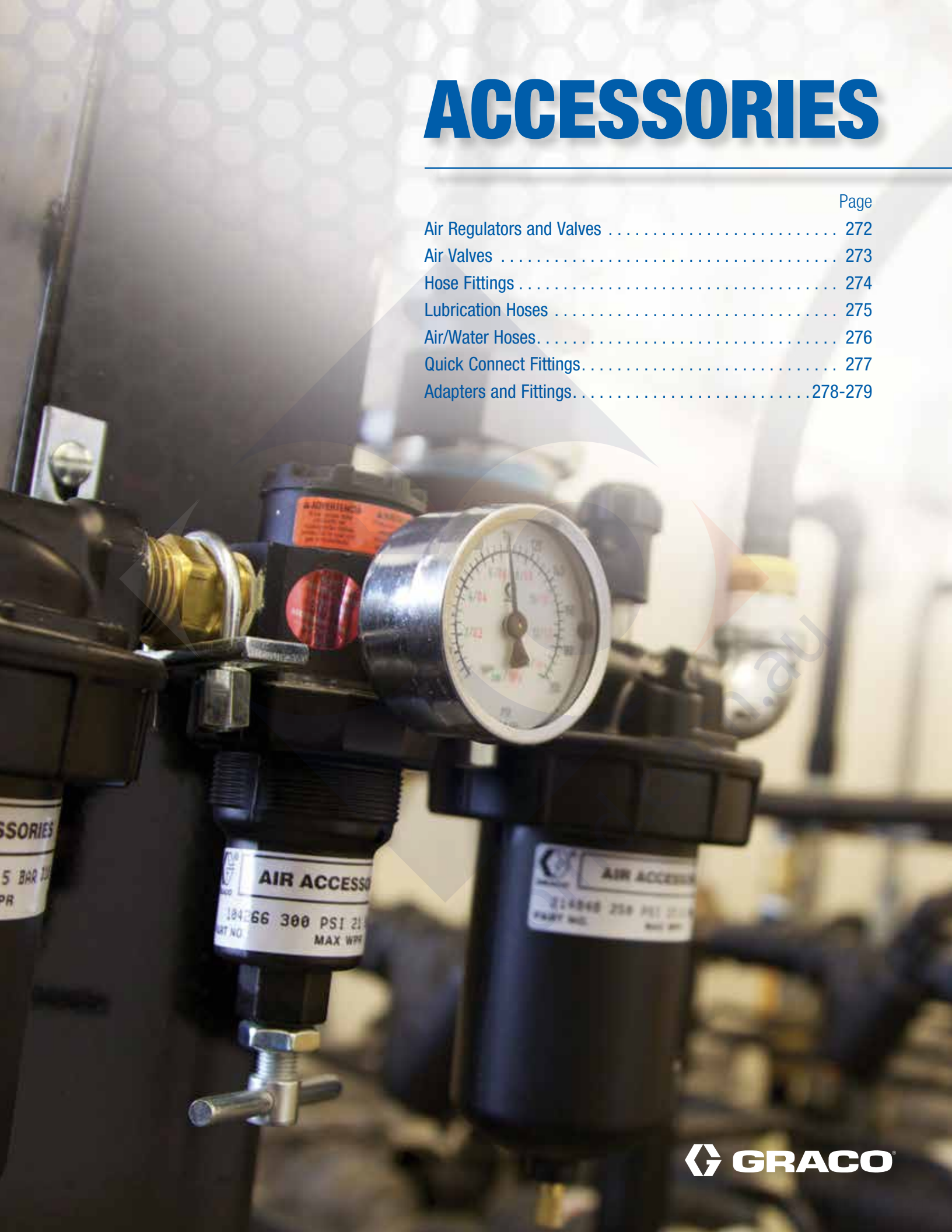
	Part Number	Description
	221146	10 ft (3.04 m) suction hose and quick coupler with four interchangeable 15 in (38.1 cm) suction wands. OD options: 3/16 in, 1/4 in, 3/8 in, 1/2 in. For use with Husky 716 or 1050 gear oil evacuation systems.
	223696	Four interchangeable 15 in (38.1 cm) suction wands. OD options: 3/16 in, 1/4 in, 3/8 in, 1/2 in. For use with part 223695 evacuation pump.
	224702	32 in suction wand. 1/2 in OD.
	224762	48 in (121.9 cm) suction wand kit with four interchangeable wands. OD options: 3/16 in, 1/4 in, 3/8 in, 1/2 in.
	224666	36 in suction wand storage kit
	218970	Tandem drain kit connects two rolling receivers for flow-through draining operation. Kit includes connector hose, shut-off valve, pipe nipple and quick-connect nipple. Instruction manual 307727.
	108491	Drain hose kit allows rolling used-oil receiver to be drained directly into the used-oil line. Kit is 24 in (0.6 m) in length with camlock coupler on one end.
	221007	Swing-Arm Drain Kit, used for servicing single rolling used-oil receiver (218969). When used with tandem drain kit (218970) it can service two receivers on a single track. Kit includes swivel elbow (108867), connector hose, dust cap (108203) and male adapter (108202).
	116229	Oil Tank Monitor. Shuts off air to the pump when tank is full.
	223888	6 ft (1.8 m) suction hose for ATF and antifreeze. Includes filter screen. Use with 223695.
	222011	Grounding clamp for all used-oil handling systems. Includes 25 ft (7.6 m) grounding wire.
	187359	4-way valve 1/2 NPT(F) ports






# ACCESSORIES

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## Ordering Information

### Air Filter-Regulator

	Part Number	Inlet	Flow Range	Drain Type	Maximum Working Pressure
	133215	1/4 in NPT(MBE)	20 cfm (550 lpm)	Semi-automatic	140 psi (9.65 bar)
	133216	1/4 in NPT(MBE)	63 cfm (1,800 lpm)	Automatic	
	133217	3/8 in NPT(MBE)	77 cfm (2,200 lpm)	Automatic	

### FRL Combination Units


Each includes filter, regulator, pressure gauge, lubricator and connection fittings.

	Part Number	Inlet
	110149	1/4 in NPT(FBE)
	110150	3/8 in NPT(FBE)
	217072	1/2 in NPT(FBE)
217073	3/4 in NPT(FBE)	


### Bleed-Type Air Shut-Off Valves

Closes air inlet to pump and relieves trapped air pressure down line from valve. Recommended for each pump drop line.

Note: Be certain to install correctly. If installed backwards air will constantly escape from the valve. Maximum pressure of 250 psi (17 bar).

	Thread	1/4 in	3/8 in	1/2 in	3/4 in
	NPT(FBE)	110223	110224	110225	110226
	NPT(MXF) inlet x outlet	–	–	107142	107141


### Ball Valve-Type Air Shut-Off Valve – Non-Pressure Relieving

	Part Number	Inlet	Maximum Working Pressure
	208390	1/4 in NPT(MBE)	500 psi
	208393	3/8 in NPT(MBE)	500 psi
	208630	1/2 in NPT(M) x 3/8 in NPT(F)	500 psi
	109077	3/4 in NPT(FBE)	600 psi
	118464	1 NPT(FBE)	600 psi

## Ordering Information


### Air Needle Valve

Controls pump speed by restricting air flow to pump or other air-operated equipment.

	Part Number	Inlet	Outlet
	205090	1/4 in NPSM(M)	1/4 in NPSM(F)
	206264	1/4 in NPT(M)	1/8 in NPT(F)


### Air Pressure Relief Valve

Prevents pump from operating beyond recommended working pressure by opening at a pre-set maximum air pressure.

	Part Number	Maximum Pressure Rating	Thread
	110065	60 psi (4 bar)	1/4 in NPT(M)
	103347	100 psi (6.9 bar)	1/4 in NPT(M)


### Air Pressure Gauge

Allows visual check of air pressure being supplied to the pump. Rated to 200 psi (14 bar)

	Part Number	Inlet	Color
	110319	1/8 in NPT(M)	Black
	100960	1/4 in NPT(M)	Black
	101180	1/4 in NPT(M)	Chrome


### Air Manifold

Supply several pumps from one supply line. Larger port delivery ensures adequate air flow to all pumps.

	Part Number	Inlet Ports	Inlet Thread	Outlet Thread	Maximum Pressure Rating
	158990	2	1/2 in NPT(F)	3/8 in NPT(F)	5,000 psi

### Runaway Valve


Prevents pump damage by automatically closing the air line to stop the pump when a runaway pump condition occurs.

	Part Number	Inlet
	224040	3/4 in NPT(FBE)




## Ordering Information

### Blow Guns

Safety Blow Gun tip swivels freely and cannot be removed. Tip pressure will not exceed 30 psi (2 bar), adequate for cleaning. Maximum working pressure 150 psi (10 bar). Use with coupler 208536.


	Part Number	Description	Inlet
	236211	Air blow gun	1/4 in NPT(F)

### Tire Inflators

	Part Number	Description	Includes			
			12 in Hose	Swivel Dual-Foot Chuck	Straight-On Chuck	Pop-Out Gauge
	236205	Heavy-Duty Tire-Inflator	Yes	Yes	–	Yes
	236206	Passenger Car Tire Inflator	Yes	–	Yes	Yes
	218545	Tire Chuck with 1/4 in NPT(F) inlet	–	–	–	–

### Water Valve

Water/Antifreeze Bib is a durable, full-volume dispense nozzle for water, antifreeze and windshield washer fluid. Nitrile rubber seals.

	Part Number	Inlet	Pressure Rating
	180685	1/4 in NPT(F)	100 psi (7 bar)

## Ordering Information

### Heavy-Duty Reinforced Lubrication Hoses

For use with grease, oil and undercoating material. Hoses are black, male connections at both ends. Lubrication hoses listed are grounded for static electrical discharge.

	ID Inch (mm)	Max PSI (bar)	Hose Length	Fitting		Part Number
				End 1 Thread NPT(M)	End 2 Thread NPT(M)	
	1/4 (6.44)	5,000 (345)	12 in (0.3 m)	1/8	1/8	109145
			30 in (0.8 m)			109148
			24 in (0.8 m)	3/8	3/8	109147
			48 in (1.2 m)			1/4
			72 in (1.8 m)	109150		
			12 ft (3.6 m)	109151		
			15 ft (4.6 m)	109152		
			20 ft (6.1 m)	1/4	3/8	109153
			25 ft (7.6 m)		1/4	109154
			35 ft (10.6 m)	3/8	109156	
	40 ft (12.2 m)	109157				
	50 ft (15.3 m)	109158				
		109159				
	3/8 (9.5)	4,000 (276)	12 in (0.3 m)	1/4	1/2	109160
			24 in (0.62 m)	3/8	3/8	109161
			48 in (1.2 m)			109162
			72 in (1.8 m)			109163
			15 ft (4.6 m)	1/4	1/4	109165
			40 ft (12.2 m)		3/8	109169
			50 ft (15.3 m)		109170	
1/2 (12.7)	3,000 (207)	15 in (0.4 m)	1/2	1/2	110069	
		18 in (0.5 m)			220598	
		54 in (1.4 m)			220600	
		72 in (1.8 m)			220591	
		10 ft (3.1 m)			220590	
		16 ft (4.9 m)			220592	
		20 ft (6.1 m)			220593	
		25 ft (7.6 m)			220608	
		40 ft (12.2 m)			221092	
		50 ft (15.3 m)			221093	
		75 ft (22.9 m)			3/4	237861
3/4 (19.1)	2,250 (155)	18 in (0.4 m)	3/4	3/4	109108	
		72 in (1.8 m)			109105	
		10 ft (3.0 m)			111010	


Accessories



## Ordering Information

### Air/Water Hoses

For use with low pressure air and water. Hoses are male NPT at both ends.

	ID Inch (mm)	Max PSI (bar)	Hose Length	Fitting		Part Number
				End 1 Thread NPT(M)	End 2 Thread NPT(M)	
	Fabric-Reinforced 1/4 (6.44)	180 (12.4)	18 in (0.5 m)	1/4	1/4	109123
			4 ft (1.2 m)			109124
			6 ft (1.8 m)			109125
			10 ft (3.1 m)			109126
			25 ft (7.6 m)			109127
			40 ft (12.2 m)			109128
			40 ft (12.2 m)	3/8	1/4	218491
	3/8 (9.5)	180 (12.4)	18 in (0.5 m)	3/8	3/8	204560
			4 ft (1.2 m)			109130
			6 ft (1.8 m)			203320
			10 ft (3.1 m)	1/4	3/8	109131
			16 ft (4.9 m)			110326
			25 ft (7.6 m)			109132
			40 ft (12.2 m)			3/8
	60 ft (18.3 m)	109135				
	1/2 (12.7)	180 (12.4)	22 in (0.56 m)	1/2	1/2	218093
			4 ft (1.2 m)			110046
			6 ft (1.8 m)			205418
			10 ft (3.1 m)			214656
	1/2 (12.7)	300 (20.7)	25 ft (7.6 m)	1/2	1/2	248312
			50 ft (15.2 m)			248313
3/4 (19.1)	180 (12.4)	18 in (0.5 m)	3/4	3/4	110047	
		4 ft (1.2 m)			110048	
		6 ft (1.8 m)			208610	
		10 ft (3.1 m)			214955	
		25 ft (7.6 m)			208611	

Accessories



## Ordering Information

### Quick-Connect Coupler

Permits quick, convenient attachment of air supply hoses.

Part Number	Inlet	Body Size
208536	1/4 in NPT(F)	1/4 in
110198	3/8 in NPT(F)	1/4 in
110199	1/2 in NPT(F)	3/8 in
110200	3/4 in NPT(F)	1/2 in

### Quick-Connect Nipple


Allows quick attachment of air supply hoses to pump motor.

Part Number	Inlet	Body Size
169967	1/4 in NPT(F)	1/4 in
169970	1/4 in NPT(M)	1/4 in
169971	3/8 in NPT(M)	1/4 in
110196	1/2 in NPT(M)	3/8 in
110197	3/4 in NPT(M)	1/2 in


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## Ordering Information


### Bushings and Pipe Adapters – Reducing, Standard and Expanding

	Outlet	Inlet					
		1/8 in NPT	1/4 in NPT	3/8 in NPT	1/2 in NPT	3/4 in NPT	1 in NPT
	1/8 in NPT	150171	159840	156580	–	–	–
	1/4 in NPT	100030	–	150287	159842	–	–
	3/8 in NPT	–	159841	150286	156022	–	–
	1/2 in NPT	–	100206	100081	–	168595	–
	3/4 in NPT	–	100615	100505	100896	–	–
	1 in NPT	–	–	–	100380	158586	–


### Street Elbows

	Part Number	Inlet/Outlet
	100840	1/4 in NPT
	155699	3/8 in NPT
	158683	1/2 in NPT
	176393	3/4 in NPT

### Coupling – Standard

	Part Number	Inlet
	100451	1/8 in NPT
	113093	1/4 in NPT
	162024	3/8 in NPT
	158581	1/2 in NPT
	100385	3/4 in NPT
	100474	1 in NPT


### Hex Nipples – Standard and Reducing

	Male End 2	Male End 1				
		1/4 in NPT	3/8 in NPT	1/2 in NPT	3/4 in NPT	1 in NPT
	1/8 in NPT	151519	156296	159239	–	–
	1/4 in NPT	156971	165198	162449	–	–
	3/8 in NPT	–	156849	–	194048	–
	1/2 in NPT	–	–	158491	157191	–
	3/4 in NPT	–	–	–	175013	158555



## Ordering Information

### Square Head Plug

	Part Number	Inlet
	111697	1/4 in NPT
	100040	3/8 in NPT
	100737	1/2 in NPT
	104663	3/4 in NPT

### Swivel Adapters\*









Rigid End	Swivel End	Straight Swivel Adapter (m x f)	Straight Swivel Adapter (f x f)	90° Swivel Adapter (f x f)	90° Swivel Adapter (m x f)	45° Swivel Adapter (m x f)
1/8 in	1/4 in	208434	–	–	–	–
1/4 in	1/4 in	156823	155570	157676	155541	–
	3/8 in	157705	–	–	–	–
3/8 in	1/4 in	–	159153	–	155495	–
	3/8 in	155665	156173	155677	155494	161889
	1/2 in	162505	–	159801	217430	–
1/2 in	1/4 in	–	155653	–	–	–
	3/8 in	158256-257	161077	–	161037	–
	1/2 in	156684	155865	157416	155470	–
3/4 in	3/4 in	157785	156172	156589	160327	105281
1 in	3/4 in	202965	–	–	–	–
	1 in	160022	158383	–	–	–

\*Not a "live" swivel, position is stationary after tightened.

### Tube Fittings

Maximum pressure rating of 3,000 psi (207 bar) with appropriate tubing wall thickness.

	Description	Inlet	Tube OD	
			5/8 in	7/8 in
	Tube Union Flow 90° Elbow	–	101012	101376
	Straight Tube Union	–	101009	101340
	Male Connector	3/4 in NPT	–	101339
	Straight Female Connector	1/2 in NPT	101008	–
	Tube Tee with Female Branch	5/8 in NPT	101013	–

# Standard Graco Warranty

### 1-Year Warranty Policy

Graco warrants all equipment manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. With the exception of any special, extended or limited warranty published by Graco, Graco will, for a period of twelve (12) months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective.

This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations. This warranty does not cover, and Graco shall not be liable for, general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser, transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which may include the costs of parts, labor and transportation.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including but not limited to incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

Graco makes no warranty, and disclaims all implied warranties of merchantability and fitness for a particular purpose in connection with accessories, equipment, materials or components sold but not manufactured by Graco. These items sold but not manufactured by Graco (such as electric motors, switches, hoses, etc.) are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco or otherwise.

# Graco Vehicle Service Equipment Group Extended Warranty

Graco warrants all equipment referenced in this document that is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the distributor. Graco will, for a period as defined in the table on the opposite page from the date of sale, repair or replace equipment covered by this warranty and determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for, general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser, transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which may include the costs of parts, labor and transportation.

**THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including but not limited to incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within one (1) year post the warranty period.

**GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ANY ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO.**

These items sold but not manufactured by Graco (such as electric motors, switches, etc.) are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco or otherwise.

## **FOR GRACO CANADA CUSTOMERS**

The parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English.

Les parties reconnaissent avoir convenu que la rédaction du présente document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

## Graco Vehicle Service Equipment Group Extended Warranty (cont.)

		Warranty Period
	<b>Oil King, Coolant King, and Oil Ace</b>	5 Years
	<b>Pulse Fluid Management Hubs, TLMs, PACs and Extenders</b>	2 Years
REELS	<b>Cord and Light Reels</b>	2 Years
	Electrical Components	1 Year
	<b>LD Series Hose Reels</b>	5 Years
	Wear Parts, including but not limited to hose, seals, swivel seats and roller guides	1 Year
	<b>SDX Series Hose Reels</b>	7 Years
	Power Springs	3 Years
	Wear Parts, including but not limited to hose, seals, swivel seats and roller guides	1 Year
	<b>XD Series Hose Reels</b>	7 Years
	Power Springs	3 Years
	Wear Parts, including but not limited to hose, seals, swivel seats, roller guides and motors	1 Year
METERS	<b>Mechanical Meters</b>	5 years
	Wear parts, including but not limited to o-rings, seals and valves	1 Year
	<b>LD Preset Meters</b>	5 years
	Electronics	2 Years
	Wear parts, including but not limited to o-rings, seals and valves	1 Year
	<b>SD Meters and Valves</b>	5 Years
	Electronics	3 Years
	Wear parts, including but not limited to o-rings, seals and valves	1 Year
	<b>EM Meters and Valves / Pulse Meters and Valves</b>	5 Years
	Electronics	3 Years
Wear parts, including but not limited to o-rings, seals, valves and trigger locks	1 Year	
PUMPS	<b>LD Oil/Grease Pumps</b>	5 Years
	Wear Parts, including but not limited to o-rings, packings and seals	1 Year
	Hoses with pump packages	1 Year
	<b>AODD Pumps</b>	5 Years
	Wear Parts, including but not limited to o-rings, packings and seals	1 Year
	Hoses with pump packages	1 Year
	<b>Mini Fire-Ball 225 and Fire-Ball 300 Oil and Grease Pumps</b>	7 Years
	Wear Parts, including but not limited to o-rings, packings and seals	1 Year
	Hoses with pump packages	1 Year
	<b>Fire-Ball 425 Oil and Grease Pumps</b>	10 Years
	Wear Parts, including but not limited to o-rings, packings and seals	1 Year
	Hoses with pump packages	1 Year
	<b>Fast-Ball and Fast-Flo Oil Pumps</b>	5 Years
<b>LD Blue and SD Blue Diesel Exhaust Fluid Pumps</b>	2 Years	

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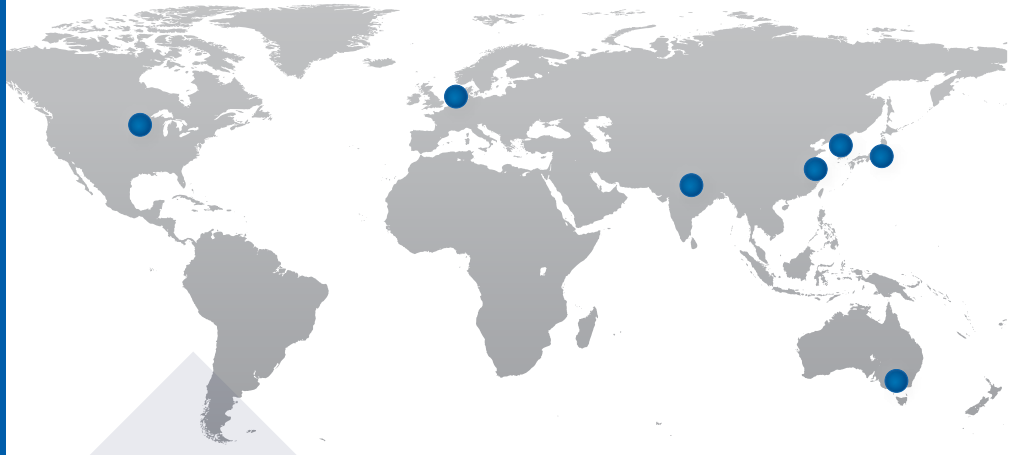
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