DIESEL EXHAUST FLUID (DEF) SYSTEMS

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GRACO

Graco Diesel Exhaust Fluid (DEF) Systems

Flexible Installation – Solutions for Every Application

Choose from configured packages or build a custom DEF system specific to your application with individual pumps and components. From the economical hand pumps to the high-performance electric or air-operated double diaphragm (AODD) packages, Graco has you covered. Every solution is designed with the highest-quality components for trouble-free operation.

Tote Mount

Drum Mount

Wall Mount

How to Choose Your Graco DEF Solution:

A Identify your power supply

Choose the pump that's right for your application. Choose the lightweight and reliable manual hand pump for small applications. The LD Blue electric pumps are recommended for applications up to 50 ft, or upgrade to the SD Blue AODD pump for longer applications, up to 200 ft.

B Determine your container size*

Whether dispensing from a drum or a tote container, Graco has the package that fits your needs. Fifty-five gallon drums are ideal for one or two truck operations, and for larger fleets choose 275 or 330 gallon IBC totes.

*Tote and drum not for sale from Graco

C Choose your accessories

Graco offers a full line of high-quality DEF accessories to complement your installation. Select from automatic or manual dispense nozzles, closed-system couplers, in-line meters, hose reels, mounting brackets, fittings, and dispense and suction hoses.

LD Blue Electric Pumps

A Reliable Industrial Pump with Self-Priming Capabilities

Whether you own a small garage, large dealership or heavy equipment maintenance facility, Graco has a complete line of diesel exhaust fluid (DEF) products for every application. Our electric, pneumatic or manual products are engineered specifically for the advanced needs of DEF fluid and are designed to minimize downtime and dispense materials quickly without compromising chemical integrity.

2 Year Warranty!

Built-In Safety and Reliability

Automatic shut-off timer (6.5 min) incorporated into the 120V pump. Prevents the pump from running past the duty cycle and maximizes the life of the pump.

Stay Up and Running Longer

Reduce downtime and get more work done with the LD Blue systems – up to twice the life of competitive pumps.

Reduced Maintenance

Features a self-priming membrane pump that has no need for a dynamic seal, reducing the need for maintenance.

Typical Applications

- Automotive and heavy-duty dealerships
- Agriculture
- Service and fast lube centers
- Fleet service facilities

Typical Fluids Handled

- Diesel exhaust fluid

Technical Specifications

	120V	12V
Maximum Flow Rate	9 gpm	9.5 gpm
Maximum Fluid Pressure	50 psi	50 psi
RPM	1,750	2,600
Watts	500	260
Voltage	120V / 60hz	12V
Maximum Amperage	4.5A	22A
Duty Cycle	20 min ON/OFF	20 min ON/OFF
Listings	CRU US	CE

Ordering Information

Pump Only

Part Number	Description
127642	120V AC electric pump, 3/4 in barbed hose tail
127643	12V DC electric pump, 3/4 in barbed hose tail

LD Blue Electric Pump Packages

Diesel Exhaust Fluid (DEF)

Ordering Information

LD Blue Electric Pump Packages

Package Number	24V641	24V644	24V645	24V656	24V646
Mount Type	Tote	Tote	Tote	Drum	Tote
Voltage	120V	120V	120V	120V	12V
Type of Nozzle	Automatic	Manual	Automatic	Automatic	Automatic
Nozzle	127649	125078	127649	127649	127649
Pump	127642	127642	127642	127642	127643
Bracket	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Meter	127663	–	–	–	127663
1 in Elbow Fitting	127656	–	–	–	127656
Dispense Hose	24W161	24W161	24W161	24W161	24W161
Dispense Hose Length	20 ft	20 ft	20 ft	20 ft	20 ft
Suction Hose Length	5 ft	5 ft	5 ft	2 ft	2 ft
Fittings (2)	SST clamps	SST clamps	SST clamps	SST clamps	SST clamps

Package 24V646 installed on tote (not included in package).

Package 24V656 installed on 55 gallon drum (not included in package).

SD Blue Pump

Superior-Performing AODD Pump Capable of Higher Output Over Longer Runs

Whether for a small garage, large dealership or heavy equipment maintenance facility, our pneumatic pumps are engineered specifically for the advanced needs of DE fluid and are designed to minimize downtime and dispense materials quickly without compromising chemical integrity.

5 Year Warranty!

Modular Air Valve

Stall-free, low-pulsation air valve provides smooth and rapid changeover for increased efficiency and minimizes downtime.

Robust Design

Bolt-through fluid cover design eliminates leaks and provides better safety and more reliability.

Versatility

The Husky 515 pump delivers up to 15 gpm and works on as little as 30 psi.

Rugged Construction

Resists corrosion for reliable performance and long life.

Typical Applications

- Automotive and heavy-duty dealerships
- Mining
- Service and fast lube centers
- Fleet service facilities
- In-plant
- Lube trucks

Typical Fluids Handled

- Diesel exhaust fluid

Technical Specifications

Maximum Flow Rate	15 gpm
Maximum Fluid Pressure	50 psi
Air Operating Range	30-50 psi
Air Inlet	1/4 in NPT(F)
Pump Inlet	3/4 in BSPP(F)
Hose Inlet	3/4 in BSPP(F)
Pump Outlet	3/4 in BSPP(F)
Maximum Air Consumption	28 scfm

Ordering Information

Part Number	Description	Inlet/Outlet
24G745	SD Blue Husky 515 pump	3/4 in BSPP

SD Blue Pump Packages

Diesel Exhaust Fluid (DEF)

Ordering Information

SD Blue Pump Tote Packages

	Deluxe		Standard	
Package Number	24F531	24F878	24V677	24V678
Mount Type	Tote	Tote	Tote	Tote
Type of Nozzle	Automatic	Automatic	Automatic	Automatic
Air-Operated Pump	24G745	24G745	24G745	24G745
Mounting Bracket	24F870	24F870	24W186	24W186
Valve/Nozzle	24F529	24F529	127649	127649
Meter	24G738	–	127663	–
Drum Quick Connect Kit	24F532	24F532	–	–
Air Regulator and Gauge	110147	110147	–	–
Air Shut-Off Ball Valve, Vented	110223	110223	–	–
50 psi Air Safety Valve	124963	124963	116306	116306
Dispense Hose	124603	124603	24W161	24W161
Dispense Hose Length	20 ft	20 ft	20 ft	20 ft
Suction Hose	124581	124581	24W149	24W149
Suction Hose Length	6 ft	6 ft	5 ft	5 ft
Fittings (2)	3/4 in BSPP(MBE)	3/4 in BSPP(MBE)	SST Clamps	SST Clamps

Package 24V677 installed on a 275 gallon tote (tote and coupler not included in package).

SD Blue Pump Packages

Ordering Information

SD Blue Pump Drum Packages

	Deluxe		Standard	
Package Number	24F947	24M499	24V679	24V686
Mount Type	Drum	Drum	Drum	Drum
Type of Nozzle	Manual	Automatic	Manual	Automatic
Air-Operated Pump	24G745	24G745	24G745	24G745
Mounting Bracket	24F679	24F679	24W185	24W185
Valve/Nozzle	125078	24F529	125078	127649
Meter	–	24H293	–	127663
Drum Quick Connect Kit	24F532	24F532	–	–
Air Regulator and Gauge	110147	110147	–	–
Air Shut-Off Ball Valve, Vented	110223	110223	–	–
50 psi Air Safety Valve	124963	124963	116306	116306
Dispense Hose	125079	124671	24W154	24W154
Dispense Hose Length	12 ft	12 ft	12 ft	12 ft
Suction Hose	124875	124875	24W148	24W148
Suction Hose Length	2 ft	2 ft	2 ft	2 ft
Fittings (2)	3/4 in BSPP(M)	3/4 in BSPP(M)	SST Clamps	SST Clamps

Package 24V686 installed on 55 gallon drum (not included in package).

LD Blue Manual Pumps

Diesel Exhaust Fluid (DEF)

1 Year Warranty!

Features and Benefits

- Lightweight, reliable and cost-effective solution for dispensing DEF from 55 gallon drums
- Quick drum installation and change-out with integrated 2 inch bung adapter
- Fast delivery capable of 11 oz per stroke
- Adjustable telescoping downtube

Typical Applications

- Automotive and heavy-duty dealerships
- Agriculture
- Service and fast lube centers
- Fleet service facilities
- In-plant

Typical Fluids Handled

- Diesel exhaust fluid

Technical Specifications

Maximum Flow Rate	11 oz per stroke

Ordering Information

Part Number	Description
127647	DEF hand pump with drum-length adjustable downtube (125479)
24G636	DEF hand pump (127647), 6 ft dispense hose with ball valve (125478), drum length adjustable downtube (125479)
127875	DEF hand pump (127647), 6 ft dispense hose with ball valve (125478), drum length adjustable downtube (125479), LD manual nozzle (125078)

Accessories

Part Number	Description
125479	Drum length adjustable downtube for hand pump
125478	6 ft dispense hose with ball valve

SDI15 In-Line Meter

Features and Benefits

- Tracks totals in two modes – reset for periodic history and non-reset for meter life
- Durable design for rugged use
- Easy to use – dispenses pints, quarts, liters or gallons
- 0.5 gpm to 15 gpm flow rate
- 1500 psi maximum pressure, 1/2 in NPT inlet

Technical Specifications

Flow Range	0.5 gpm to 15 gpm (1.9 lpm to 57 lpm)
Maximum Working Pressure	1,500 psi (103 bar)
Units of Measure	Quarts, pints, gallons, liters (factory-set to quarts)
Weight	1.8 lb (0.8 kg)
Accuracy	± 2.5%
Inlet/Outlet	1/2 in BSPP
Maximum Totalizer	99,999
Maximum Recorded Dispense	999.99
Operating Temperature Range	-4°F to 122°F (-20°C to 50°C)
Storage Temperature Range	-13°F to 122°F (-25°C to 50°C)
Outdoor Use	No
Battery	2 AA alkaline
Wetted Parts	Stainless steel, PBT (polybutylene terephthalate), nickel, fluoroelastomer
Meter Pressure Loss	22 psi (1.5 bar) @ 14 gpm (53 lpm)
Instruction Manual	313048

Typical Applications

- Automotive and heavy-duty dealerships
- Mining
- Service and fast lube centers
- Fleet service facilities
- In-plant
- Lube trucks

Typical Fluids Handled

- Diesel exhaust fluid

Ordering Information

Part Number	Description
24G738	SDI15 DEF meter, 1/2 in BSPP(F/F), 1,500 psi, 0.5 to 15 gpm
24H293	SDI15 meter kit with fittings for SST auto nozzle

LD Blue In-Line Meter

Diesel Exhaust Fluid (DEF)

Features and Benefits

- Easy to install – use in-line or at the end of the dispense hose
- Impulse signals – single channel or reed switch
- 1.3 gpm to 26.4 gpm flow rate
- Rotatable display – 4 positions
- 1 in BSPP(M) inlet and outlet. Includes 1 in BSPP(F) coupler.

Technical Specifications

Flow Range	1.3 gpm to 26.4 gpm (4.9 lpm to 100 lpm)
Maximum Working Pressure	145 psi (10 bar)
Units of Measure	Quarts, pints, gallons, liters (factory-set to quarts)
Weight	0.6 lb (0.25 kg)
Accuracy	± 1.0%
Inlet/Outlet	1 in BSPP(M)
Maximum Totalizer	99,999
Maximum Recorded Dispense	999.99
Operating Temperature Range	14°F to 122°F (-10°C to 50°C)
Storage Temperature Range	-4°F to 158°F (-20°C to 70°C)
Outdoor Use	No
Battery	2AAA alkaline
Wetted Parts	SST, plastic, rubber
Meter Pressure Loss	5 psi (0.3 bar) @ 26.4 gpm (100 lpm)
Instruction Manual	333467

Typical Applications

- Automotive and heavy-duty dealerships
- Service and fast lube centers
- Fleet service facilities
- In-plant

Typical Fluids Handled

- Diesel exhaust fluid

Ordering Information

Part Number	Description
127663	LD digital in-line turbine meter, LCD display
127800	Adapter – SD auto nozzle connection to LD meter

LD Blue Automatic Nozzles

Diesel Exhaust Fluid (DEF)

2 Year Warranty!

Features and Benefits

- Easy break-away system for low-cost repairs if the spout becomes detached
- Choose with or without built-in meter
- 4 gpm to12 gpm flow rate
- 50 psi maximum pressure
- 3/4 in BSPP inlet to transform nozzle into optional mis-filling system to prevent mis-fills
- Stainless steel spout

Technical Specifications

	Automatic Shut-Off Nozzle	Automatic Shut-Off Nozzle with Meter
Flow Range	4 gpm to 12 gpm (15 lpm to 45 lpm)	4 gpm to 12 gpm (15 lpm to 45 lpm)
Maximum Working Pressure	50 psi (3.5 bar)	50 psi (3.5 bar)
Units of Measure	–	Quarts, pints, gallons, liters (factory-set to quarts)
Weight	1.3 lb (0.6 kg)	1.8 lb (0.8 kg)
Accuracy	–	± 1%
Inlet	1 in BSP	1 in BSP
Maximum Totalizer	–	999,999
Maximum Recorded Dispense	–	99,999
Operating Temperature Range	-4°F to 130°F (-20°C to 55°C)	14°F to 122°F (-10°C to 50°C)
Storage Temperature Range	-40°F to 140°F (-40°C to 60°C)	-4°F to 158°F (-20°C to 70°C)
Outdoor Use	Yes	No
Battery	–	2AA alkaline
Wetted Parts	SST, rubber, plastic	SST, rubber, plastic
Meter Pressure Loss	13 psi (0.9 bar) @ 9.3 gpm (35 lpm)	13 psi (0.9 bar) @ 9.3 gpm (35 lpm)
Instruction Manual	333468	333469

Typical Applications

- Automotive and heavy-duty dealerships
- Service and fast lube centers
- Fleet service facilities
- In-plant

Typical Fluids Handled

- Diesel exhaust fluid

Ordering Information

Part Number	Description
127649	LD automatic nozzle with stainless steel breakaway spout
127650	LD automatic nozzle with built-in electronic turbine meter, with stainless steel breakaway spout

Accessories

	Part Number	Description
	127651	Spout replacement kit for LD nozzles 127649 and 127650
	127652	Magnetic mis-fill spout kit for LD automatic nozzles
	127654	Magnetic adapter for mis-fill kit

SD Blue Nozzle

Diesel Exhaust Fluid (DEF)

Features and Benefits

- Heavy-duty design
- Automatic shut-off valve with stainless steel nozzle
- 11 gpm flow rate
- 50 psi maximum pressure
- 3/4 in BSPP inlet

Typical Applications

- Automotive and heavy-duty dealerships
- Mining
- Service and fast lube centers
- Fleet service facilities
- In-plant
- Lube trucks

Typical Fluids Handled

- Diesel exhaust fluid

Ordering Information

Part Number	Description
124398	SD automatic shut-off SST nozzle without swivel, 3/4 in BSPP(F)
24F529	SD automatic shut-off SST nozzle with swivel, 3/4 in BSPP(F)
127655	SD automatic shut-off SST nozzle, 3/4 in hose barb

LD Blue Manual Nozzle

Typical Applications

- Automotive and heavy-duty dealerships
- Service and fast lube centers
- Fleet service facilities
- In-plant

Typical Fluids Handled

- Diesel exhaust fluid

Features and Benefits

- Manual shut-off valve with stainless steel nozzle
- High 20 gpm flow rate
- 50 psi maximum pressure
- 3/4 in BSPP inlet
- Lightweight – under 1 lb

Ordering Information

Part Number	Description
125078	LD manual DEF nozzle with SST spout

Diesel Exhaust Fluid (DEF)

XD 30 DEF Hose Reels

Features and Benefits

- For use with SD and LD pumps (LD pump with manual nozzle only)
- Stainless steel fluid section with open porting ensures high fluid flow with minimal pressure loss
- Flexible positioning of guide arm for mounting on bench, ceiling, wall, tote or utility truck
- 50 psi maximum pressure
- 3/4 in x 50 ft inlet hose with 3/4 in BSPP(M) swivel connection to provide leak-free connection

Typical Applications

- Automotive and heavy-duty dealerships
- Mining
- Service and fast lube centers
- Fleet service facilities
- In-plant
- Lube trucks

Typical Fluids Handled

- Diesel exhaust fluid

Technical Specifications

Operating Temperature Range	12°F to 140°F (-11°C to 60°C)
Maximum Working Pressure	50 psi (3.5 bar)
Wetted Parts (Bare Reel Only)	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

Ordering Information

Hose Reels

Part Number	Description
HSDD5A	XD 30 DEF hose reel, 3/4 in x 50 ft, white, BSPP
HSDD5B	XD 30 DEF hose reel, 3/4 in x 50 ft, blue, BSPP
HSDD5F	XD 30 DEF hose reel, 3/4 in x 50 ft, yellow, BSPP
HSDDDA	XD 30 DEF hose reel, bare, white, BSPP
HSDDDB	XD 30 DEF hose reel, bare, blue, BSPP
HSDDDF	XD 30 DEF hose reel, bare, yellow, BSPP

Hose Reel Inlet Kits

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

Part Number	Description
24W250	2 ft DEF inlet hose kit for XD 30 reels. 3/4 in BSPP(F) x cut end and 90º elbow.
24W251	6 ft DEF inlet hose kit for XD 30 reels. 3/4 in BSPP(F) x cut end and 90º 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)

Accessories

Diesel Exhaust Fluid (DEF)

Ordering Information

Mounting Brackets

Part Number	Description
24F870	AODD tote/wall mounting bracket with nozzle holder
24F679	AODD drum mounting bracket with nozzle holder
124541	AODD nozzle bath holder

Dispense and Suction Hoses

	Part Number	Description
Standard	24W148	2 ft suction hose kit with (2) hose clamps
	24W149	5 ft suction hose kit with (2) hose clamps
	24W190	6 ft dispense hose kit with (2) hose clamps
	24W154	12 ft dispense hose kit with (2) hose clamps
	24W161	20 ft dispense hose kit with (2) hose clamps
Deluxe	124875	2 ft suction hose, 3/4 in BSPP(M) x cut end (inlet hose)
	124581	6 ft suction hose, 3/4 in BSPP(M) x cut end (inlet hose)
	124671	12 ft dispense hose, 3/4 in BSPP x 3/4 in BSPP
	125079	12 ft dispense hose, 3/4 in BSPP x cut end
	124603	20 ft dispense hose, 3/4 in BSPP x 3/4 in BSPP
	125074	20 ft dispense hose, 3/4 in BSPP x cut end
	125242	50 ft dispense hose, 3/4 in BSPP x 3/4 in BSPP

Pump Handle

Part Number	Description
127646	Black handle for 12V DC pump

Ordering Information

Fittings

	Part Number	Description
	127656	1 in BSP(F) elbow fitting, black
	127657	1 in BSP(F) x 3/4 in barb hose tail, black
	127720	1 in BSP(F) x 1 in BSP(F) linear socket, black
	127804	3/4 in x 1 in BSPP(F) swivel fitting with seals
	127805	1 in BSPP(F) x 1 in BSPP(F) coupler
	127806	1 in BSPP(M/F) swivel, white
	127815	3/4 in BSP x 3/4 in barb SST swivel hose tail
	127823	1 in BSP x 3/4 in barb elbow, white
	116306	1/4 in NPT, 50 psi air safety valve for Standard AODD pump packages
	124963	1/8 in NPT, 50 psi air safety valve for Deluxe AODD pump packages
	24F524	3/4 in BSPP(M) x 3/4 in BSPP(F) SST swivel

Closed-System Coupler Accessories

Diesel Exhaust Fluid (DEF)

Ordering Information

Maintaining fluid purity is essential to the longevity of your equipment and maintaining selective catalytic reduction (SCR) engines. With a closed-system design you can minimize fluid contamination and prevent spills. Choose from a variety of industry-accepted closed-system inlet kits to best suit your needs.

Colder

DrumQuick® PRO Quick Connect Coupler System. Economical polypropylene assembly can withstand thousands of quick and fast connections.

	Part Number	Description
	24F532	Colder closed-system coupler kit – includes drum coupler (124548), drum insert (124549) and downtube (124550)
	124548	Colder closed-system drum coupler
	124549	Colder closed-system drum insert
	125014	Colder closed-system drum insert with buttress thread
	124550	Colder closed-system 47 in downtube

DrumQuick® is a registered trademark of Colder Products Company.

Closed-System Coupler Accessories

Ordering Information

Micro Matic

Reusable Stainless Valve (RSV) is ideal for multi-use applications and is simple to integrate with drums, totes and custom packages.

Economic Plastic Valve (EPV™) is designed for one-way, single-use applications. Engineered for use when operations require the container package to be used once, emptied and recycled.

	Part Number	Description
	17C907	Micro Matic EPV dispense coupler, 3A orange, 3/4 in barbed outlet, EPDM seals
	127634	Micro Matic EPV container valve, 3A orange, 2.5 in x 5 buttress, EPDM Seals
	127793	Micro Matic EPV downtube for 55 gal drum
	127794	Micro Matic EPV center downtube for 275 gal IBC tote
	127635	Micro Matic EPV center downtube for 330 gal IBC tote
	17C908	Micro Matic RSV dispense coupler, 3/4 in barbed outlet, 4 pin, stainless steel
	127637	Micro Matic RSV container valve, 2.5 in x 5 in, 4 cam, stainless steel valve, EPDM seals
	127795	Micro Matic RSV downtube for 55 gal drum
	127796	Micro Matic RSV center downtube for 275 gal IBC tote
	127639	Micro Matic RSV center downtube for 330 gal IBC tote
	127640	Micro Matic RSV fill coupler, 1 in NPT(M) inlet x 1/4 in NPT(F) outlet, 4 pin, stainless steel

EPV™ is a trademark of Micro Matic USA, Inc.

Closed-System Coupler Accessories

Diesel Exhaust Fluid (DEF)

Ordering Information

Micro Matic Packages

Includes coupler, valve and downtube.

	Part Number	Description
	24W142	Micro Matic EPV suction package – coupler (17C907), container valve (127634), 55 gal downtube (127793)
	24W141	Micro Matic EPV suction package – coupler (17C907), container valve (127634), 275 gal downtube (127794)
	24W140	Micro Matic EPV suction package – coupler (17C907), container valve (127634), 330 gal downtube (127635)
	24W145	Micro Matic RSV suction package – coupler (17C908), container valve (127637), 55 gal downtube (127795)
	24W144	Micro Matic RSV suction package – coupler (17C908), container valve (127637), 275 gal downtube (127796)
	24W143	Micro Matic RSV suction package – coupler (17C908), container valve (127637), 330 gal downtube (127639)

SPECIALTY PUMPS

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GRACO

Diaphragm Pump Selector

Oil | Fuel | Water | Anti-Freeze | Washer Fluid

Air-Operated Double- Diaphragm Transfer Pumps

Pump Number	D31255	243669	241906	647016	647731	647648	DB3525	DF3525	652002
Pump Description	Husky 307 Acetal – 3/8 in Acetal/TPE	Husky 515 Acetal Split Inlet – 3/4 in Acetal/Buna Dual Inlet	Husky 716 Aluminium – 3/4 in Aluminium/ Buna-N	Husky 1050 Aluminium – 1 in Aluminium/TPE	Husky 1050 Aluminium – 1 in Aluminium/ Buna-N	Husky 1050 Aluminium – 1 in Aluminium/TPE	Husky 1590 Aluminium – 1.5 in Aluminium/TPE	Husky 2150 Aluminium – 2 in Aluminium/TPE	Husky 3300 Aluminium – 3 in Aluminium/TPE
Fluids	• Oil evacuation • Oil transfer • Water • Anti-freeze • Windshield wash fluid	• 50/50 Windshield wash solution • Water • Anti-freeze	• Oil evacuation • Oil transfer • Water • Anti-freeze • Windshield wash fluid	• Water • Anti-freeze • Fuel transfer	• Oil evacuation • Oil transfer	• Fuel dispense	• Oil evacuation • Oil transfer • Water • Anti-freeze	• Oil evacuation • Oil transfer • Water • Anti-freeze	• Oil evacuation • Oil transfer • Water • Anti-freeze
Listings	–	–	–	UL	UL	UL	–	–	–
Max PSI	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)	50 psi (3.5 bar)	120 psi (8.3 bar)	120 psi (8.3 bar)	125 psi (8.6 bar)

Husky 1050 AODD Pump

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 anti-freeze 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

Typical Applications

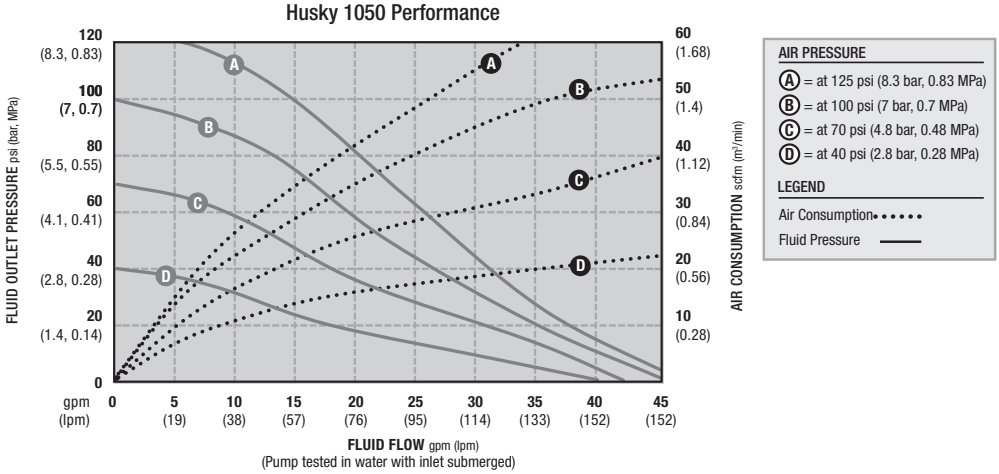
- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

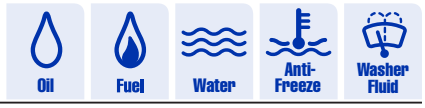
- Oil
- Fuel
- Water
- Anti-freeze
- Washer fluid

Pump Performance

Husky 1050 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	Aluminium, TPC-ET, acetal, PTFE, Buna-N
Non-wetted external parts	Aluminium, 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 Aluminium Pump – 1 in, Aluminium/TPE	100 psi (6.9 bar)	Water / anti-freeze / fuel transfer
647731	Husky 1050 Aluminium Pump – 1 in, Aluminium/Buna-N	100 psi (6.9 bar)	Oil evacuation / oil transfer
647648	Husky 1050 Aluminium Pump – 1 in, Aluminium/TPE	50 psi (3.5 bar)	Fuel dispense

Husky 307 AODD Pump

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^3/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

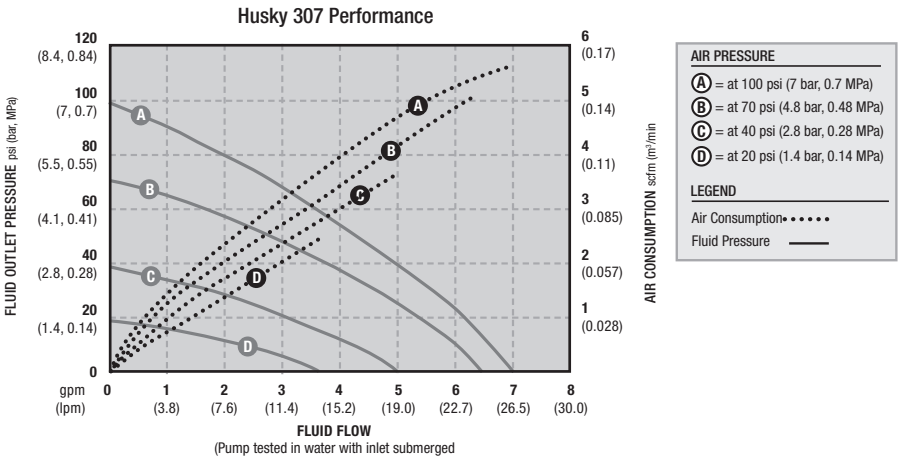
*Flow rates are with muffler and do not vary based on diaphragm material. **Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. ***Actual pump performance may be affected by prolonged usage at temperature.

Ordering Information

Husky 307 AODD Pump

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

Pump Performance



Specialty Pumps

Husky 515 AODD Pump

Oil | Water | Anti-Freeze | Washer Fluid

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^3/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

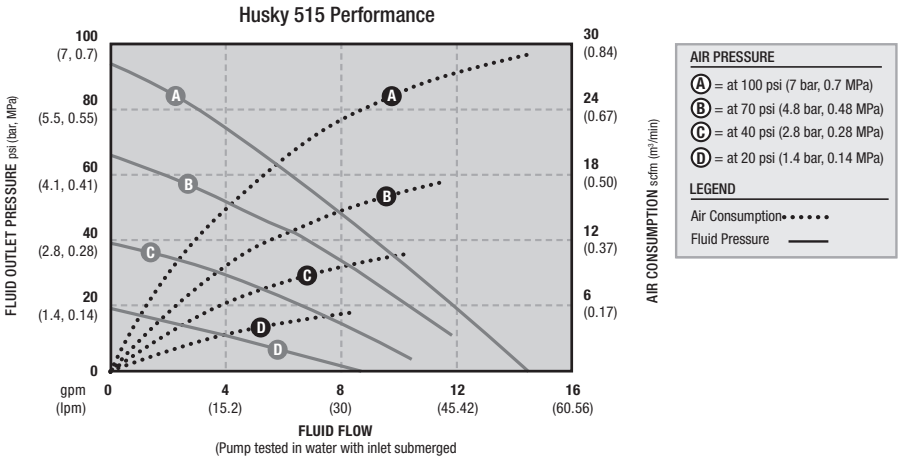
*Flow rates are with muffler and do not vary based on diaphragm material. **Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. ***Actual pump performance may be affected by prolonged usage at temperature.

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

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^3/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, aluminium, stainless steel, PTFE, zinc-plated steel
Instruction manual	308573

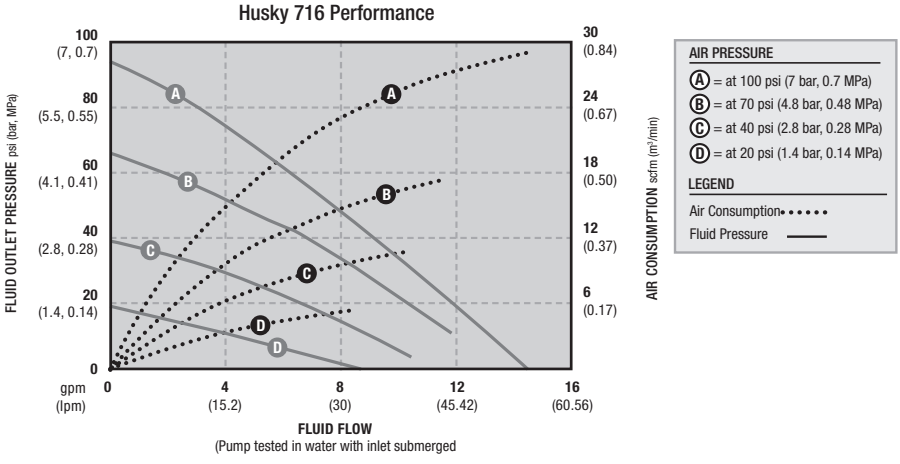
*Flow rates are with muffler and do not vary based on diaphragm material. **Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. ***Actual pump performance may be affected by prolonged usage at temperature.

Ordering Information

Husky 716 AODD Pump

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

Pump Performance



Specialty Pumps

Husky 1590 AODD Pump

Oil | Water | Anti-Freeze | Washer Fluid

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^3/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, aluminium, TPE, PTFE
Instruction manual	308441

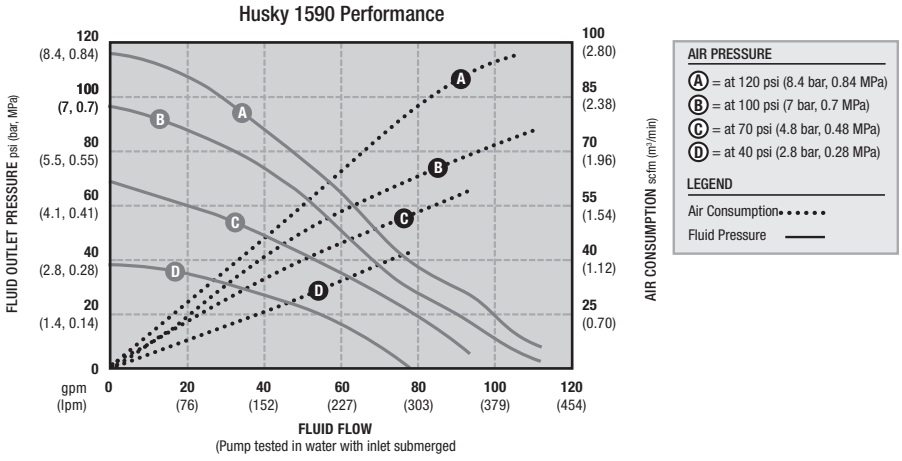
*Flow rates are with muffler and do not vary based on diaphragm material. **Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. ***Actual pump performance may be affected by prolonged usage at temperature.

Ordering Information

Husky 1590 AODD Pump

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

Pump Performance



Specialty Pumps

Husky 2150 AODD Pump

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^3/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, aluminium, TPE, PTFE
Instruction manual	308368

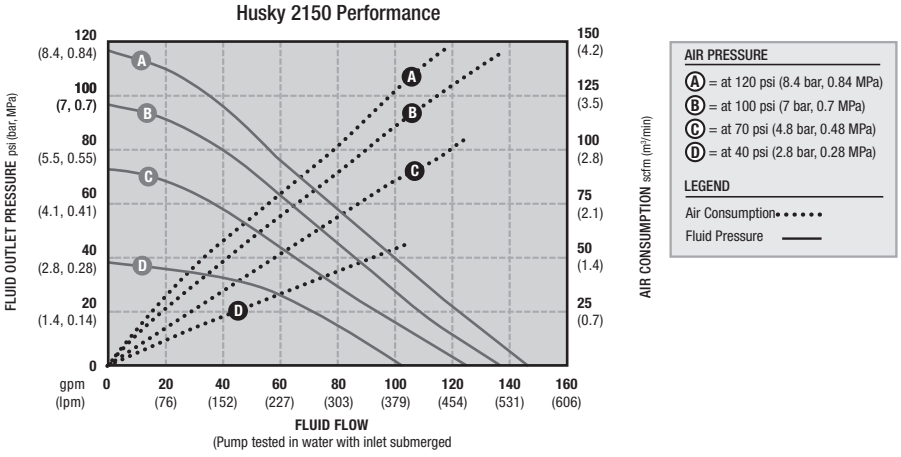
*Flow rates are with muffler and do not vary based on diaphragm material. **Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type. ***Actual pump performance may be affected by prolonged usage at temperature.

Ordering Information

Husky 2150 AODD Pump

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

Pump Performance



Husky 3300 AODD Pump

Oil | Water | Anti-Freeze | Washer Fluid

Husky 3300 AODD Pump

- 3 in fluid connection
- Fluid delivery up to 300 gpm (1135.6 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^3/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, aluminium, 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.

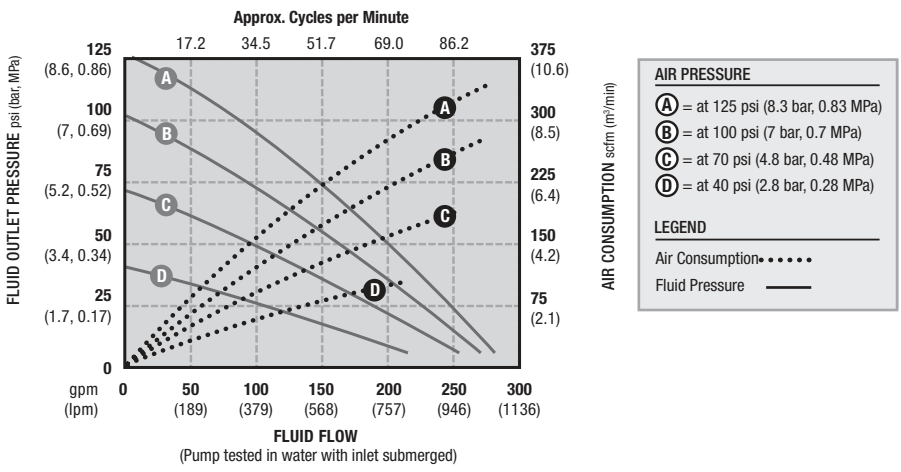
Ordering Information

Husky 3300 AODD Pump

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

Pump Performance

Husky 3300 Performance



Ordering Information

Pre-Mixed Windshield Wash Solvent and Coolant Dispense

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

Diaphragm Pump Packages

Anti-Freeze | Washer Fluid

Ordering Information

Bulk Anti-Freeze 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

Diaphragm Pump Accessories

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	246946	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

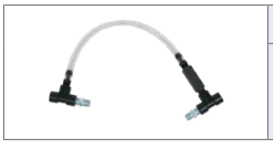
Husky Pump	307	515/716	1050	1590	2150	3300
Part Number	222011	222011	238909	222011	238909	238909

Suction Hose Kit

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

Diaphragm Pump Accessories

Thermal Relief Kit

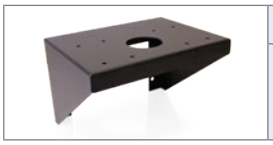


Husky Pump	307	515/716	1050	1590	2150	3300
Part Number	238899	238428	238428	–	–	–

Thermal Relief Valves – 150 psi (10.3 bar)

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

Wall Bracket



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

Air-Operated Double-Diaphragm Transfer Pumps Replacement Parts

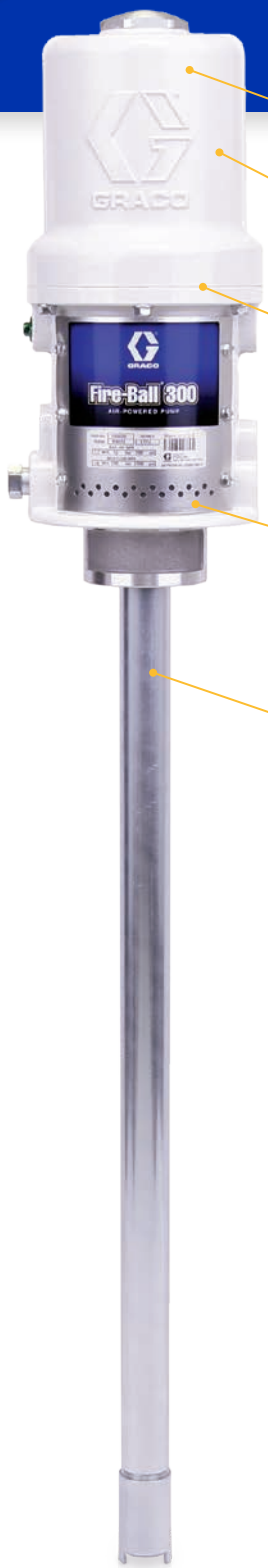
Pump Number	D31255	243669	241906	647016	647731	647648	DB3525	DF3525	652002
Air Valve Replacement Kit	239952	241657	241657	24B768	24B768	24B768	236273	236273	24K860
Seats	D03200	D05200	D05200	24B634	24B632	24B634	D0B500	D0F500	24K932
Balls	D03050	D05070	D05070	24B639	24B639	24B639	D0B020	D0F020	24K937
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

Undercoating and Rustproofing Pumps

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 aluminium 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, aluminium 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

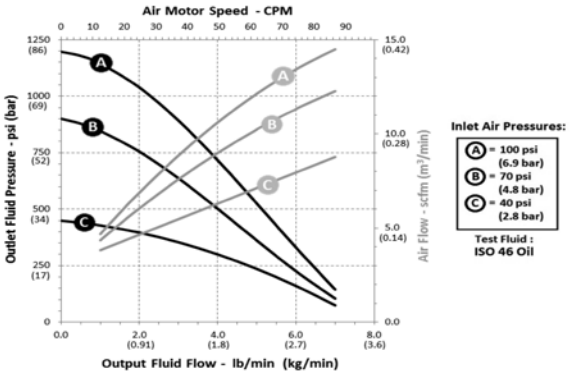
Typical Fluids Handled

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

Undercoating and Rustproofing Pumps

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

Undercoating and Rustproofing Pump Packages

Ordering Information

Undercoating Packages

Package Number	222077	226342	226269
Type of Package	Portable	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	–
Hold-Down Kit	222061	207361	207361
Instruction Manual	307879	307879	307879

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

Undercoating and Rustproofing Pump Packages

Under-Coating

Ordering Information

Spray Masking Package

Package Number	224826
Type of Package	Bung Mounted Stationary
Ratio	15:1
Container Size	400 lb (180 kg)
Pump Part Number	224825 (SST pump)
Flexible Downtube	224022*
Dispense Kit**	224023
Tip	286211/286621
Hose Length	25 ft (7.6 m)
Instruction Manual	308069

*224022 is long enough for 400 lb (180 kg) container, but can be trimmed to accommodate smaller containers. **Dispense kit includes Flex Plus™ spray gun (235457).

Undercoating and Rustproofing Accessories

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 aluminium 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.

Bulldog® 43:1 Oil Pump

Oil | Gear Lube | Hydraulic Oil | ATF

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 aluminium construction.

Built-In Reliability

Tested to 10 million cycles without failure.

Specialty Pumps

Typical Applications

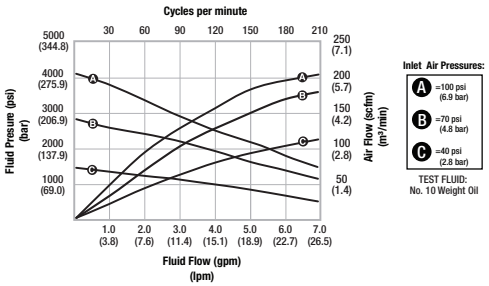
- Automotive dealerships
- Fast lube centers
- Service shops
- Heavy-duty dealerships
- Fleet services facilities
- In-plant
- Lube trucks
- Mining

Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear, hydraulic and ATF)

Pump Performance

Bulldog 43:1 Pumps



Bulldog 43:1 Oil Pump

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

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

Grouding 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

Fast-Flo® 1:1 Pumps

ATF | Water | Anti-Freeze | Washer Fluid | Oil/ Used Oil

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.

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

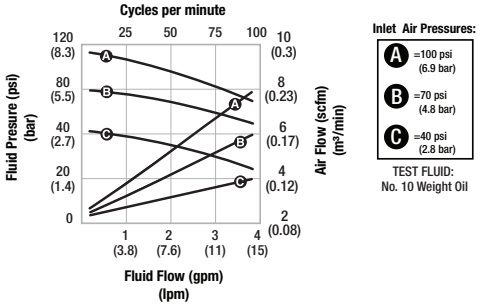
Typical Fluids Handled

- Water
- Anti-freeze
- Windshield wash fluid
- Used oil
- Used anti-freeze

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

Pump Performance

Fast-Flo 1:1 Pumps



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^3/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
Anti-Freeze, 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
		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
		Stainless Steel	Buna-N	CE	226952
			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

APEX™ and APEX On-Demand

Oil | Gear Lube | ATF | Grease | Fuel | Air | Anti-Freeze | Washer Fluid | Oil/ Waste Oil

Electric Gear Pumps for High-Volume Transfer

At Graco, we provide durable pumping solutions for all your oil and fluid transfer applications. Our line of APEX pumps is available in AC and DC configurations to meet your fluid transfer needs.

1 Year Warranty!

APEX Transfer Pumps

- Available with 12 VDC, 115 VAC and 230 VAC electric motors
- TENV electric motor for demanding environments – models 260105, 260106, 260108 and 260109
- Self-priming, positive displacement design
- Pumps petroleum- and synthetic-based lubricants up to 8 gpm (30 lpm)
- Built-in bypass valve
- Transfer used oil with inlet suction screen
- System includes suction tube, fluid hose, dispense valve and bung adapter for models 260100, 260101, 260102 and 260104

APEX On-Demand Pumps

- Available in 12 VDC and 115 VAC
- On-demand pressure-sensing system starts and stops the pump
- TENV electric motor for demanding environments
- Extremely quiet pump operation
- Output flow is continuous and non-pulsating
- Low operating and installation costs
- Inlet and outlet check valves with thermal relief valves included
- All units include bung adapter

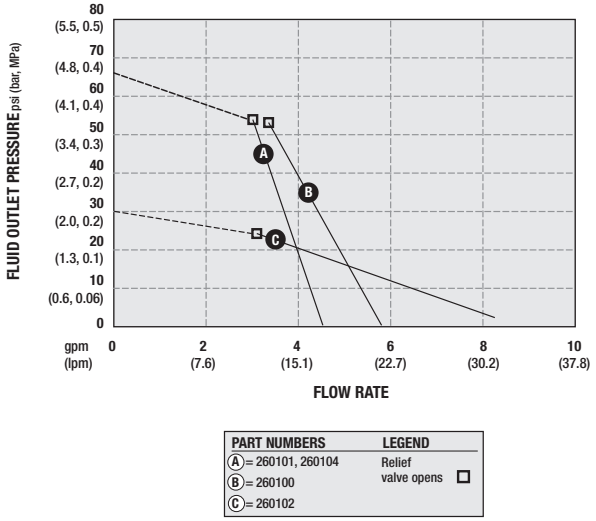
Typical Applications

- 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

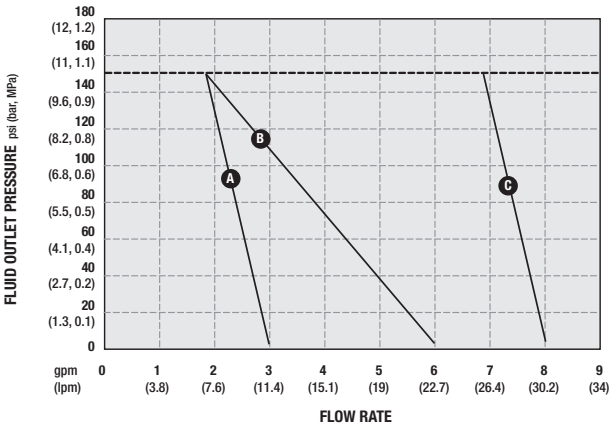
Typical Fluids Handled

- Synthetic oil
- Petroleum oil*
- Used oil*
- Anti-freeze
- Hydraulic fluids
- Cutting oils
- Liquid soap
- Non-flammable oil-based solvents
- Oil-based herbicide carriers

** Not for food grade use*



PART NUMBERS	LEGEND
(A) = 260101, 260104	Relief valve opens ☐
(B) = 260100	
(C) = 260102	



PART NUMBERS	LEGEND
(A) = 260105, 260106	Relief valve setting at 150 psi (10.3 bar, 1.0 MPa) -----
(B) = 260108	
(C) = 260109	

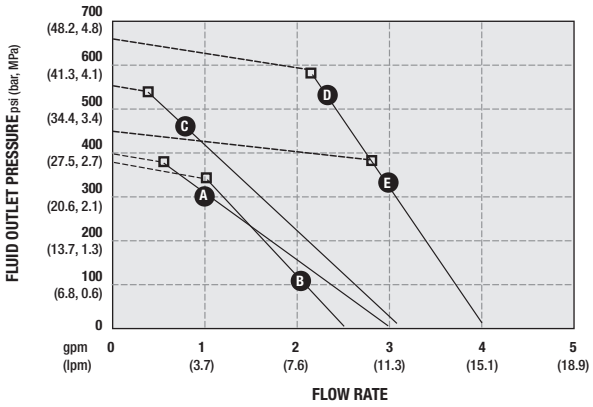
Ordering Information

APEX Pumps

Part Number	260100	260101	260102	260104	260105	260106	260108	260109
Motor	12 VDC	115 VAC	115 VAC	230 VAC	115 VAC	115 VAC	115 VAC	115 VAC
Hertz	–	60 Hz	60 Hz	50/60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Horsepower	3/4	1	3/4	1/2	3/4	3/4	3/4	1
Maximum Current (Amps)	35	9.2	9.2	4	7.5	7.5	9	11
Maximum Flow Rate gpm (lpm)	5.8 (22)	4.25 (16)	8.0 (30)	4.25 (16)	3.0 (11)	3.0 (11)	4.2 (16)	7.9 (30)
Maximum Pressure psi (bar)	65 (4.5)	65 (4.5)	65 (4.5)	65 (4.5)	150 (10)			
Automatic Relief Setting psi (bar)	65 (4.5)	65 (4.5)	30 (2.1)	65 (4.5)	–			
Inlet	1 in NPT							
Outlet	3/4 in NPT							
Wetted Parts	Carbon steel with zinc plating, stainless steel, galvanized steel, aluminium, nitrile, rubber, PVC, PVC cement				Carbon steel with zinc plating, stainless steel, galvanized steel, aluminium, nitrile, rubber			
Weight lb (kg)	34 (15)	25 (11)	25 (11)	25 (11)	25 (11)	25 (11)	25 (11)	30 (14)
Manual	311305				311306			

APEX and APEX On-Demand

Oil | Gear Lube | ATF | Grease | Fuel | Air | Anti-Freeze | Washer Fluid | Oil/ Waste Oil



PART NUMBERS

Ⓐ = 260112
Ⓑ = 260110
Ⓒ = 260111
Ⓓ = 260114
Ⓔ = 260113

LEGEND:
Pressure switch opens ☐

Specialty Pumps

Ordering Information

APEX On-Demand Pumps

Part Number	260110	260111	260113	260114	260112
Voltage	115 VAC	115 VAC	115 VAC	115 VAC	12 VDC
Hertz	60 Hz	60 Hz	60 Hz	60 Hz	–
Horsepower	3/4	1	1-1/2	2	3/4
Bung Adapter	260061	260061	260061	260061	260061
Maximum Current (Amps)	10.6	13.6	18.0	21.0	62.0
Maximum Flow Rate gpm (lpm)	2.3 (9)	3 (11)	4 (15)	4 (15)	3 (11)
Maximum Pressure psi (bar)	370 (25)	550 (38)	470 (32)	650 (45)	400 (28)
Inlet	3/4 in NPT	3/4 in NPT	3/4 in NPT	3/4 in NPT	3/4 in NPT
Outlet	1/2 in NPT	1/2 in NPT	1/2 in NPT	1/2 in NPT	1/2 in NPT
Wetted Parts	Carbon steel with zinc plating, stainless steel, galvanized steel, aluminium, nitrile, rubber, PVC, PVC cement				
Weight lb (kg)	27 (12)	32 (15)	41 (19)	52 (24)	27 (12)
Manual	311307				

Ordering Information

Accessories

	Part Number	Description
	260145	Wall mounting bracket, fits all models
	260238	"Y" strainer with 3/4 in NPT female in-line strainer for used oil transfer
	260306	Inlet suction screen assembly, required for used oil applications, 20 mesh screen
	260124	55 in (1.3 m) PVC suction tube with inlet check valve
	260125	Dispense valve kit
	260300	Suction tube kit, 3/4 in PVC

Notes

HOSE AND CORD REELS

	Page
Hose Reel Selection Guide	200
LD™ Series Enclosed Hose Reels	202-206
SD™ Series Hose Reels	207-213
SD™ Series Cord and Light Reels	214-217
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XD™ Series 30 Hose Reels	224-228
XD™ Series 40/50 Hose Reels	229-236
XD™ Series 60/70/80 Powered Hose Reels	238-249

GRACO

Graco Hose and Cord Reel Selection Guide

	Typical Application	Typical Fluid	Hose/Cord Length Options	Enclosed	Reference Pages
LD™ Series	• Small maintenance shops • Tire maintenance shops • Small fast lubes • Independent repair facilities • Industrial manufacturing facilities	• Petroleum- and synthetic-based oils • Air • Water • Grease • Anti-freeze • Windshield washer fluid	• 35 ft (11 m) • 45 ft (14 m) • 50 ft (15 m)	Yes	202-206
SD™ 10 / 20 Series	• Car dealerships • Light-/medium-duty truck dealers • Fleet maintenance • Public works garages • Construction vehicle maintenance • Light-utility service trucks	• Petroleum- and synthetic-based oils • Air • Water • Grease • Anti-freeze • Windshield washer fluid	• 35 ft (11 m) • 50 ft (15 m) • 65 ft (20 m)	Optional	207-213
SD™ Series Cord Reels	• Automotive dealerships • Fast lube centers • Service shops • Heavy-duty dealerships • Fleet services facilities • In-plant • Lube trucks • Mining	–	• 35 ft (11 m) • 50 ft (15 m) • 95 ft (29 m)	Optional	214-217
XD™ 10 / 20 Series	• Heavy-duty truck dealers • Fleet maintenance • Mining maintenance • Public works garage • Construction vehicle maintenance • Heavy-duty mobile service trucks • Mining • Lube trucks	• Petroleum- and synthetic-based oils • Air • Water • Grease • Anti-freeze • Windshield washer fluid	• 35 ft (11 m) • 50 ft (15 m) • 65 ft (20 m)	Optional	218-223
XD™ 30 Series	• Heavy-duty truck dealers • Fleet maintenance • Mining maintenance • Public works garage • Construction vehicle maintenance • Heavy-duty mobile service trucks • Mining • Lube trucks	• Petroleum- and synthetic-based oils • Diesel fuel • Air • Water • Grease • Anti-freeze • Windshield washer fluid • Pressure wash • Waste oil evacuation • Diesel exhaust fluid (DEF)	• 35 ft (11 m) • 50 ft (15 m) • 65 ft (20 m) • 75 ft (23 m)	No	224-228
XD™ 40 / 50 Series	• Heavy-duty truck dealers • Fleet maintenance • Mining maintenance • Public works garages • Construction vehicle maintenance • Heavy-duty mobile service trucks • Agriculture • Lube trucks	• Petroleum- and synthetic-based oils • Diesel fuel • Air • Water • Anti-freeze • Waste oil evacuation	• 35 ft (11 m) • 50 ft (15 m) • 75 ft (23 m) • 100 ft (30 m)	No	229-236
XD™ 60 / 70 / 80 Series	• Heavy-duty truck dealers • Fleet maintenance • Mining maintenance • Public works garages • Construction vehicle maintenance • Heavy-duty mobile service trucks • Agriculture • Lube trucks	• Petroleum- and synthetic-based oils • Diesel fuel • Air • Water • Grease • Waste oil evacuation	• 50 ft (15 m) • 75 ft (23 m) • 100 ft (30 m) • 150 ft (46 m)	No	238-249

Hose and Cord Reels

GRACO

LD Series Enclosed Hose Reels

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

5 Year Warranty!

Economical Enclosed Hose Reels Get You Up and Running Fast

Reduce clutter and increase workplace safety with a Graco one-piece enclosed hose reel. Designed for light-duty applications in dealerships, service garages, collision repair and industrial manufacturing facilities.

Large Fluid Porting

Maximizes fluid flow with minimal pressure drop

Simple Spring Tension Adjustment

Ability to increase or decrease spring tension while reel is pressurized

Multiple Mounting Options

Wall, ceiling bench, or tank configurations (wall mount pictured)

Full Enclosure

Tough, dent-proof, corrosion-resistant enclosure

Typical Applications

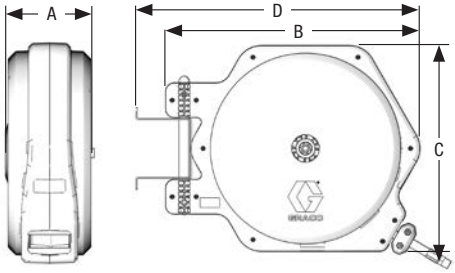
- Small maintenance shops
- Tire maintenance shops
- Small fast lubes
- Independent repair facilities
- Industrial manufacturing facilities

Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Air
- Water
- Grease
- Anti-freeze
- Windshield washer fluid

Dimensions

A	7.1 in (180 mm)
B	23.0 in (585 mm)
C	18.5 in (470 mm)
D	25.6 in (650 mm)



Technical Specifications

Operating Temperature Range	
Air-Only Reels	14°F to 140°F (-10°C to 60°C)
Water Applications	32°F to 140°F (0°C to 60°C)
All-Other Applications	0°F to 140°F (-18°C to 60°C)
Wetted Parts	
Air Only Reels	Aluminium, Buna-N rubber, PVC
Air/Water/Anti-Freeze/Windshield Washer Fluid Reels	Aluminium, Buna-N rubber
Oil Reels	Carbon steel, Buna-N rubber, PTFE
Grease Reels	Carbon steel, Buna-N rubber
Sound Pressure Level	69.3 dB(A)
Sound Power Level	75.3 dB(A)
Instruction Manual	313938

LD Series Enclosed Hose Reels

Ordering Information

LD Series Reel Packages – NPT

Includes hose with ball stop kit and hose guide, mounting bracket, and hose inlet kit.

Type of Mount	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Package Part Number	Package Includes		
		ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			Reel Assembly	Mount Kit	Inlet Kit
Ceiling/Wall Swivel Mount	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F737	24H657	24G866	24C444
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F738	24H658		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F739	24H659		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F740	24H660		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F741	24H661		24C537
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F742	24H662		24C538
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F743	24H663		24C539
Ceiling/Wall Stationary Mount	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F755	24H657	24G865	24C444
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F756	24H658		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F757	24H659		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F758	24H660		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F759	24H661		24C537
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F760	24H662		24C538
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F761	24H663		24C539
Bench Swivel Mount	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F773	24H657	24C772	24C444
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F774	24H658		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F775	24H659		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F776	24H660		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F777	24H661		24C537
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F778	24H662		24C538
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F779	24H663		24C539

LD Series Enclosed Hose Reels

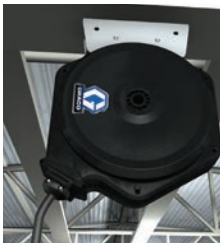
Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

Ordering Information

Available Outside North America Only

LD Series Reel Packages – BSPT

Includes hose with ball stop kit and hose guide, mounting bracket, and hose inlet kit.

Type of Mount	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Package Part Number	Package Includes		
		ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			Reel Assembly	Mount Kit	Inlet Kit
Ceiling/Wall Swivel Mount	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24F744	24F789	24G866	24C437
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24F745	24F790		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F746	24F971		24C438
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F747	24F792		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F748	24F793		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F749	24F794		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F750	24F795		24C440
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F751	24F796		24C441
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F752	24F797		24C442
 *Ceiling/Wall Stationary Mount*	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24F762	24C789	24G865	24C437
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24F763	24C790		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F764	24C791		24C438
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F765	24C792		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F766	24C793		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F767	24C794		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F768	24C795		24C440
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F769	24C796		24C441
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F770	24C797		24C442
Bench Swivel Mount	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24F780	24F789	24C772	24C437
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24F781	24F790		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24F782	24F791		24C438
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24F783	24F792		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24F784	24F793		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24F785	24F794		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24F786	24F795		24C440
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24F787	24F796		24C441
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24F788	24F797		24C442

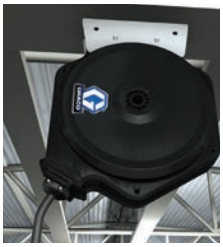
LD Series Enclosed Hose Reels

Ordering Information

Available Outside North America Only

LD Series Reel Packages – BSPP

Includes hose with ball stop kit and hose guide, mounting bracket, and hose inlet kit.

Type of Mount	Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Package Part Number	Package Includes		
		ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)			Reel Assembly	Mount Kit	Inlet Kit
Ceiling/Wall Swivel Mount	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24J258	24J126	24G866	24J253
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24J259	24J127		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24J260	24J128		24J254
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24J261	24J129		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24J262	24J130		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24J263	24J131		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24J264	24J132		24J255
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24J265	24J133		24J256
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24J266	24J134		24J257
 *Ceiling/Wall Stationary Mount*	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24J267	24J126	24G865	24J253
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24J268	24J127		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24J269	24J128		24J254
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24J270	24J129		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24J271	24J130		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24J272	24J131		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24J273	24J132		24J255
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24J274	24J133		24J256
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24J275	24J134		24J257
Ceiling/Wall Stationary Mount	Air/Water	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24Y204	24Y202	24G865	24J254
	Oil	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24Y205	24Y203		24J256
Bench Swivel Mount	Air	1/4 (6)	35 (11)	1/4 (6)	1/4 (6)	250 (17.2)	24J276	24J126	24C772	24J253
		1/4 (6)	50 (15)	1/4 (6)	1/4 (6)	250 (17.2)	24J277	24J127		
	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24J278	24J128		24J254
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24J279	24J129		
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24J280	24J130		
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24J281	24J131		
	Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24J282	24J132		24J255
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24J283	24J133		24J256
	Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24J284	24J134		24J257

LD Series Enclosed Hose Reels

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

Ordering Information

LD Series Reel

Includes hose. Mounting hardware and hose inlet kit sold separately.

Fluid	Hose		Connection Size		Maximum Pressure psi (bar)	Part Number			Hose Inlet Kit (order separately)		
	ID in (mm)	Length ft (m)	Inlet in (mm)	Outlet in (mm)		NPT	BSPT	BSPP	NPT	BSPT	BSPP
Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	250 (17.2)	24H657	24F791	24J128	24C444	24C438	24J254
	3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	250 (17.2)	24H658	24F792	24J129	24C444	24C438	24J254
	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	250 (17.2)	24H659	24F793	24J130	24C444	24C438	24J254
	1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	250 (17.2)	24H660	24F794	24J131	24C444	24C438	24J254
Oil	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	1,800 (124)	24H661	24F795	24J132	24C537	24C440	24J255
	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	1,800 (124)	24H662	24F796	24J133	24C538	24C441	24J256
Grease	1/4 (6)	35 (11)	3/8 (10)	1/4 (6)	5,000 (345)	24H663	24F797	24J134	24C539	24C442	24J257

Hose Inlet Kits

A hose inlet kit is included in LD reel packages but must be ordered separately with standalone LD reel assemblies.

	Fluid Type	Maximum Working Pressure psi (bar)	Size In (mm)	Inlet Configuration	Outlet Configuration	Part Number	Used with Hose Reel Model
NPT	Air Only	250 (17.2)	1/4 (6)	1/4 NPT(M)	1/4 NPT(M)	24C443	24H655 / 24H656
	Air/Water		3/8 (10)	1/2 NPT(M)	3/8 NPT(M)	24C444	24H657 / 24H658
			1/2 (13)	1/2 NPT(M)	1/2 NPT(M)		24H659 / 24H660
	Oil	1,800 (124)	3/8 (10)	1/2 NPT(M)	1/2 NPT(M)	24C537	24H661
			1/2 (13)	1/2 NPT(M)	1/2 NPT(M)	24C538	24H662
	Grease	5,000 (345)	1/4 (6)	1/4 NPT(M)	1/4 NPT(M)	24C539	24H663
BSPT	Air Only	250 (17.2)	1/4 (6)	1/4 BSPT(M)	1/4 BSPT(M)	24C437	24F789 / 24F790
	Air/Water		3/8 (10)	1/2 BSPT(M)	3/8 BSPT(M)	24C438	24F791 / 24F792
			1/2 (13)	1/2 BSPT(M)	1/2 BSPT(M)		24F793 / 24F794
	Oil	1,800 (124)	3/8 (10)	1/2 BSPT(M)	3/8 BSPT(M)	24C440	24F795
			1/2 (13)	1/2 BSPT(M)	1/2 BSPT(M)	24C441	24F796
	Grease	5,000 (345)	1/4 (6)	1/4 BSPT(M)	1/4 BSPT(M)	24C442	24F797
BSPP	Air Only	250 (17.2)	1/4 (6)	1/4 BSPP(M)	1/4 BSPP(M)	24J253	24J126 / 24J127
	Air/Water		3/8 (10)	1/2 BSPP(M)	3/8 BSPP(M)	24J254	24J128 / 24J129
			1/2 (13)	1/2 BSPP(M)	1/2 BSPP(M)		24J130 / 24J131
	Oil	1,800 (124)	3/8 (10)	1/2 BSPP(M)	1/2 BSPP(M)	24J255	24J132
			1/2 (13)	1/2 BSPP(M)	1/2 BSPP(M)	24J256	24J133
	Grease	5,000 (345)	1/4 (6)	1/4 BSPP(M)	1/4 BSPP(M)	24J257	24J134

Available in 2 Colours

Standard colour: **black**

White available outside North America only. BSPP configuration only. See chart on page 205.

SD Series Hose Reels

7 Year Warranty!

Engineered for Everyday Use

The SD line of hose reels feature Graco durability, performance and value built into every reel. With its durable metal spool and rigid pedestal frame, the compact SD Series is ideal for indoor and moderate outdoor exposure.

Full-Flow Swivel

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

Adjustable Arm

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

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.

Durable Finish

Baked-on enamel finish (six colours available) protects reel from corrosion.

Reel arm shown in tank/bench mount position.

Typical Applications

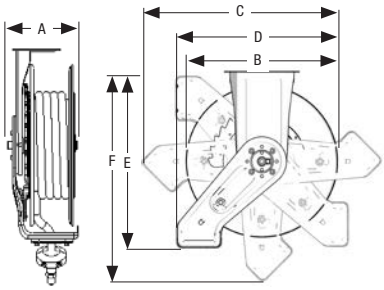
- Car dealerships
- Light-/medium-duty truck dealers
- Fleet maintenance
- Public works garages
- Construction vehicle maintenance
- Light-utility service trucks

Typical Fluids Handled

- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Air
- Water
- Grease
- Anti-freeze
- Windshield washer fluid

Dimensions

	SD 10	SD 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)



Technical Specifications

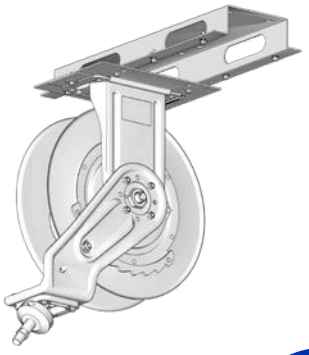
Operating Temperature Range	
Air/Water/Anti-Freeze/Windshield Washer Fluid Reels	-20°F to 190°F (-28°C to 87°C)
Oil Reels	-20°F to 190°F (-28°C to 87°C)
Grease Reels	-40°F to 200°F (-40°C to 93°C)
Wetted Parts	
Grease Reels	Zinc plated steel, polyurethane, steel
All Other Reels	Zinc plated steel, anodized aluminium, nitrile rubber
Weight	52 lb (23.5 kg)
Sound Pressure Level	80 dB(A)
Sound Power Level	88 dB(A)
Instruction Manual	313431

SD Series Hose Reels

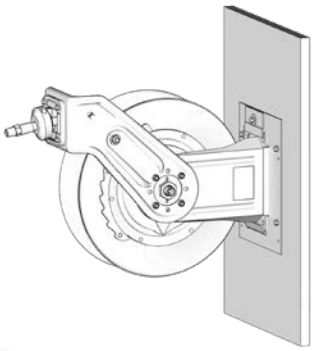
Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

Typical Mounting Configurations

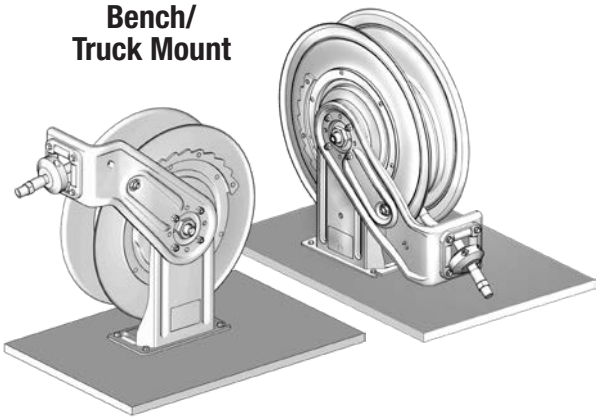
Ceiling Mount



Wall Mount



Bench/ Truck Mount



Available in **6 Colours** Consult factory for lead times.

Metallic Blue (B)
Standard Colour

Yellow (F) | **Dark Blue (E)** | **Black (D)** | **Red (C)** | **White (A)**

SD Series Hose Reels

Ordering Information

SD 10/20 Reel Assembly Ordering Guide

SD Series reels are available in six colours and multiple thread types. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel colour and thread type.

Reel Colour	Thread Type		
	NPT	Available Outside North America Only	
		BSPP	BSPT
White	A	J	P
Metallic Blue	B	K	R
Red	C	L	S
Black	D	M	T
Dark Blue	E	–	–
Yellow	F	N	U

Order Example: Arm in overhead mount position, SD 20, oil, 1/2 in ID hose, 50 ft hose length

1. **Select your reel position:** HPM65#
2. **Select your thread type:** NPT
3. **Select your reel colour:** Metallic Blue = "B"
   (from Reel Assembly Ordering Guide – opposite)

Order Part Number: HPM65B

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)			
SD 10	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	300 (20.7)	HPL23#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	300 (20.7)	HPL25#	
		1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	300 (20.7)	HPL33#	
SD 20		3/8 (10)	65 (20)	1/2 (13)	3/8 (10)	300 (20.7)	HPL56#	
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	HPL65#	
SD 10	Oil	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	2,000 (138)	HPM33#	
SD 20		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	2,000 (138)	HPM65#	
SD 10	Grease	1/4 (6)	50 (15)	3/8 (10)	1/4 (6)	5,000 (345)	HPH15#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)
		3/8 (10)	35 (11)	3/8 (10)	1/4 (6)	4,800 (331)	HPH23#	
SD 20		3/8 (10)	50 (15)	3/8 (10)	1/4 (6)	4,800 (331)	HPH55#	

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)			
SD 20	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 (13)	3/8 (10)	300 (20.7)	HPL5J#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	HPL6H#	
	Oil	1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	2,000 (138)	HPM6H#	
	Grease	3/8 (10)	50 (15)	3/8 (10)	1/4 (6)	4,800 (331)	HPH5H#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)

SD Series Hose Reels

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

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)			
SD 10	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	35 (11)	1/2 (13)	3/8 (10)	300 (20.7)	HPL2D#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		3/8 (10)	50 (15)	1/2 (13)	3/8 (10)	300 (20.7)	HPL2D#	
		1/2 (13)	35 (11)	1/2 (13)	3/8 (10)	300 (20.7)	HPL2D#	
SD 20		3/8 (10)	65 (20)	1/2 (13)	1/2 (13)	300 (20.7)	HPL6D#	
		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	300 (20.7)	HPL6D#	
SD 10	Oil	1/2 (13)	35 (11)	1/2 (13)	1/2 (13)	2,000 (138)	HPM3B#	
SD 20		1/2 (13)	50 (15)	1/2 (13)	1/2 (13)	2,000 (138)	HPM6D#	
SD 10	Grease	1/4 (6)	50 (15)	3/8 (10)	3/8 (10)	5,000 (345)	HPH1D#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)
		3/8 (10)	35 (11)	3/8 (10)	3/8 (10)	5,000 (345)	HPH1D#	
SD 20		3/8 (10)	50 (15)	3/8 (10)	3/8 (10)	5,000 (345)	HPH5D#	

SD Series Hose Reels

Ordering Information

SD 10 Oil Reel Packages

	Reel Size	Fluid	Valve Type	Enclosure	Package Number	Package Includes			
						Reel Assembly	Enclosure	Hose Inlet Kit	Meter
	SD 10	Oil	SDM5 Manual Meter with Rigid Extension	No	24E001	HPM33B	–	218549	255350
				Yes	24D996	HPM33B	24A217	218549	255350
			SDM5 Manual Meter with Flexible Extension	No	24E002	HPM33B	–	218549	255348
				Yes	24D997	HPM33B	24A217	218549	255348
			None	Yes	24D995	HPM33B	24A217	218549	–

SD 10 Air/Water Reel Packages

	Reel Size	Fluid	Valve Type	Enclosure	Package Number	Package Includes				
						Reel Assembly	Enclosure	Hose Inlet Kit	Valve	Fitting
	SD 10	Water	Water Bib Dispense Valve	No	24D999	HPL23B	–	218549	180685	150287
				Yes	24D993	HPL23B	24A217	218549	180685	150287
					24D994	HPL33B	24A217	218549	180685	159842
		Air	Tire Chuck Valve	No	24D998	HPL23B	–	218549	218545	–
				Yes	24D992	HPL23B	24A217	218549	218545	–
		Air/Water	None	Yes	24D989	HPL23B	24A217	218549	–	–
					24D990	HPL25B	24A217	218549	–	–
					24D991	HPL33B	24A217	218549	–	–

SD Series Hose Reel Accessories

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

Ordering Information

Enclosure Kits for One Reel

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

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

Hose Inlet Kits

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

	Maximum Working Pressure psi (bar)	Size in (mm)	Length ft (m)	Part Number
NPT	2,000 (137)	1/2 (13)	2 (0.6)	218549
	4,000 (276)	3/8 (10)		218550
	5,000 (345)	1/4 (6)		224417
BSPT	2,000 (137)	1/2 (13)	3 (0.9)	24C441
	4,000 (276)	3/8 (10)		24M231
	5,000 (345)	1/4 (6)		24C442
BSPP	2,000 (137)	1/2 (13)	3 (0.9)	24J256
	4,000 (276)	3/8 (10)		24M230
	5,000 (345)	1/4 (6)		24J257

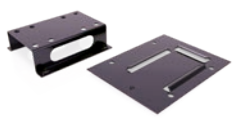
Ball Stop Kits

SD 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

Mounting Channels

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



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.

Hose and Cord Reels

SD Series Hose Reel Accessories

Ordering Information

Swivel Mounting Bracket

Allows reel to swivel 120° with two lockable positions.

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

Easy Slide-In Mount

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

Part Number	Description
24H193	Ceiling or wall slide-in mount for SD 10 or SD 20 reels

Retrofit Adapter Kits

Part Number	Description
24A224	Includes all parts to mount a hose reel to an existing 500 series mounting pattern
24C100	Includes all parts to mount a hose reel to an existing 250 series mounting pattern

Hose Identification Sets

Vinyl hose wrap for easy identification of meter fluid.

	Part Number	Description
	17S659	Red
	17S660	Blue
	17S661	Green
	17S662	Yellow
	17S663	White

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, ceilings 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.

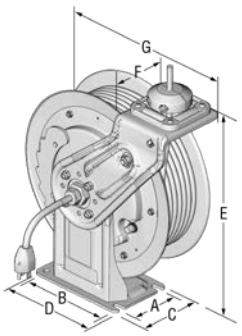
UL/CSA Approved

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
		12 AWG, Length 50 ft	32.0 lb
	SD 10	16 AWG, Length 95 ft	46.3 lb
		12 AWG, Length 95 ft	51.8 lb
230V	SD 5	1,5 mm², Length 11 m	11.6 kg
		1,5 mm², Length 15 m	13.9 kg
	SD 10	1,5 mm², Length 29 m	22.4 kg
		2,5 mm², Length 29 m	24.5 kg
Instruction Manual			3A2592

Ordering Information

SD Cord and Light Reels – 120 Volt

120 volt cord and light reels have a black finish and are UL/CSA approved.

Accessory	Reel Size	AWG	Amp	Cord Length	Insulation	Part Number
No Accessory – Cord Only	SD 5	12	20	50 ft (15 m)	SJOOW	24Y859
	SD 10	12	18	95 ft (29 m)	SJOOW	24Y880
Single Industrial Receptacle	SD 5	16	13	50 ft (15 m)	SJTOW	24Y861
	SD 5	12	20	35 ft (11 m)	SJOOW	24Y862
	SD 5	12	20	50 ft (15 m)	SJOOW	24Y863
	SD 10	12	18	95 ft (29 m)	SJOOW	24Y882
Tri-Plug GFCI Industrial Receptacle	SD 5	12	15	50 ft (15 m)	SJOOW	24Y864
	SD 10	12	15	95 ft (29 m)	SJOOW	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 Cord and Light Reels – 230 Volt

230 volt cord and light reels have a black finish and are CE approved.

Accessory	Size	Wire Gauge	Amp	Cord Length	Insulation	Part Number
No Accessory – Cord Only	10	2,5 mm^2	16	25 m	H07RN-F	24Y888
Single Industrial Receptacle	10	1,5 mm^2	0.05	25 m	H05RR-F	24Y890
LED Light	5	1,5 mm^2	10	15 m	H05RR-F	24Y876
	10	2,5 mm^2	16	25 m	H07RN-F	24Y889

SD Series Cord and Light Reels

Accessory 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 217.

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 ceiling.

	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.

SD Series Cord and Light Reel Accessories

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/Ceiling Mounting Bracket

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

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

XD Series Hose Reels

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

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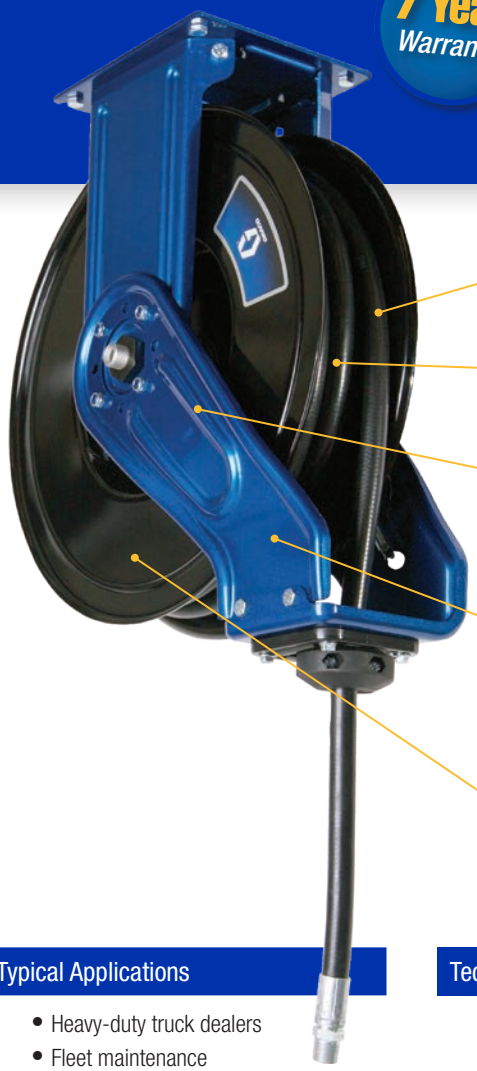

7 Year Warranty!

Extreme Performer

The high-performance and heavy-duty XD Series Hose Reel is ideal for rugged indoor and outdoor use in truck dealerships, fleet maintenance, mining maintenance, public works garages, construction vehicle maintenance and service trucks. Features high-strength dual pedestals for reliable performance in extreme applications.

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 six arm positions to fit your application. Order with arm (HS models) or without (HN models).

Durable Finish

Baked-on enamel finish (four colours 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
- Anti-freeze
- Windshield washer fluid

Technical Specifications

Operating Temperature Range	
Air/Water/Anti-Freeze/ 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/Anti-Freeze/ Windshield Washer Fluid	Zinc plated steel, anodized aluminium, nitrile rubber
Oil	Zinc plated steel, anodized aluminium, 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	80 dB(A)
Sound Power Level	88 dB(A)
Instruction Manual	313431

XD Series Hose Reels

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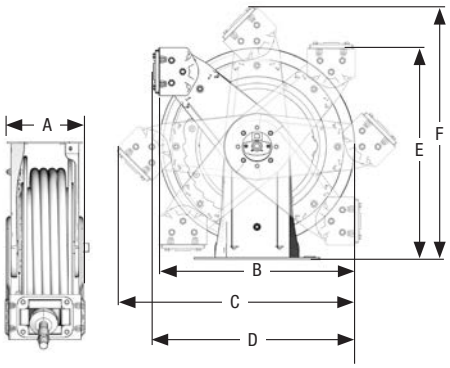
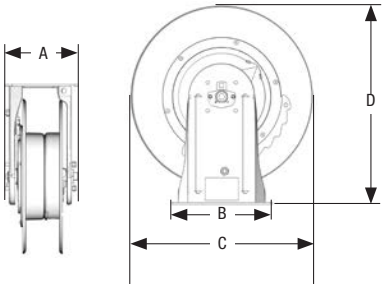
Dimensions

	HS Models (with Adjustable Arm)		HN Models (without Arm)
	XD 10	XD 20	XD 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)	21.0 in (533 mm)
F	22.5 in (571 mm)	25.2 in (640 mm)	25.2 in (640 mm)

HS Models

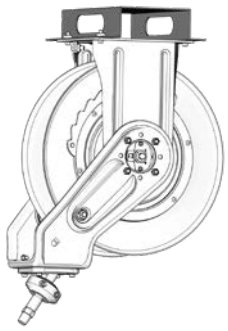


HN Models

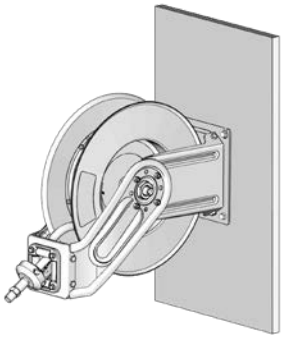


Typical Mounting Configurations

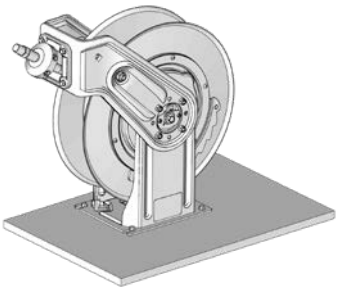
Ceiling Mount



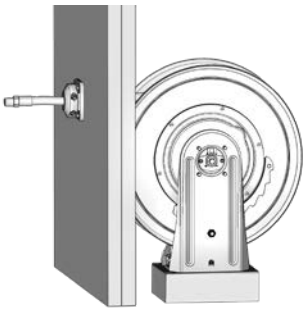
Wall Mount



Bench/ Truck Mount



Truck Mount with Remote Mounted Roller Guide



Metallic Blue (B)
Standard In-Stock Colour

Yellow (F) **White (A)** **Desert Sand (G)**

XD Series Hose Reels

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

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Ordering Information

XD 10/20 Reel Assembly Ordering Guide

XD Series reels are available in four colours and multiple thread types. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel colour and thread type.

Reel Colour	Thread Type		
	NPT	Available Outside North America Only	
		BSPP	BSPT
White	A	J	P
Metallic Blue	B	K	R
Yellow	F	N	U
Desert Sand*	G	–	–

*Desert Sand not available on HN Models.

Order Example: Arm in bench/truck mount position, XD 20, oil, 1/2 in ID hose, 50 ft hose length

1. **Select your reel position:** HSM65#
2. **Select your thread type:** NPT
3. **Select your reel colour:** Metallic Blue = "B"
   (from Reel Assembly Ordering Guide – opposite)

Order Part Number: HSM65B

HS 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) ID in (mm)	Hose (Included) Length ft (m)	Connection Size Inlet	Connection Size Outlet	Maximum Pressure psi (bar)	Assembly Part Number	Recommended Hose Inlet Kit
XD 10	Air/Water/Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	50 (15)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	HSL25#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		1/2 (13)	35 (11)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HSL33#	
	Oil	1/2 (13)	35 (11)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	HSM33#	
	Grease	1/4 (6)	50 (15)	3/8 NPSM(M)	1/4 NPT(M)	5,000 (552)	HSH15#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)
XD 20	Air/Water/Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	HSL56#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HSL65#	
	Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	HSM65#	
	Grease	3/8 (10)	50 (15)	1/2 NPSM(M)	1/4 NPT(M)	4,800 (331)	HSH55#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)

Bare Reels

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

Reel Size	Fluid	Hose (Not Included) ID in (mm)	Hose (Not Included) Length ft (m)	Connection Size Inlet in (mm)	Connection Size Outlet in (mm)	Maximum Pressure psi (bar)	Part Number	Recommended Hose Inlet Kit
XD 10	Air/Water/Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 (13) (m)	3/8 (10) (m)	300 (20.7)	HSL2D#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
	Oil	1/2 (13)	35 (11)	1/2 (13) (m)	1/2 (13) (f)	2,000 (138)	HSM3B#	
	Grease	3/8 (10)	35 (11)	1/2 (13) (m)	3/8 (10) (f)	8,000 (552)	HSH1D#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)
XD 20	Air/Water/Anti-Freeze/ Windshield Washer Fluid	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	300 (20.7)	HSL6D#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
	Oil	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	2,000 (138)	HSM6D#	
	Grease	3/8 (10)	50 (15)	1/2 (13) (m)	1/4 (6) (m)	8,000 (552)	HSH5D#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)

Ordering Information

HN Models (without Adjustable Arm)

Required hose inlet kit sold separately.

Reel Size	Fluid	Hose (Included)		Connection Size		Maximum Pressure psi (bar)	Bare Reel, Hose Assembly Part Number	Recommended Hose Inlet Kit
		ID in (mm)	Length ft (m)	Inlet	Outlet			
XD 20	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	HNL56#	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HNL65#	
	Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	HNM65#	
	Grease	3/8 (10)	50 (15)	1/2 NPSM(M)	1/4 NPT(M)	4,800 (331)	HNH55#	218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)

HN Model Specialty Packages (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		Metallic Blue	White	Yellow		
XD 20	Air/Water/ Anti-Freeze/ Windshield Washer Fluid	3/8 (10)	65 (20)	1/2 NPSM(M)	3/8 NPT(M)	300 (20.7)	24C246	24C245	24C247	15Y478	218549 (NPT) 24C441 (BSPT) 24J256 (BSPP)
		1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	24C249	24C248	24C250		
	Oil	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	2,000 (138)	24C252	24C251	24C253		
	Grease	3/8 (10)	50 (15)	1/2 NPSM(M)	1/4 NPT(M)	4,800 (331)	24C255	24C254	24C256		218550 (NPT) 24M231 (BSPT) 24M230 (BSPP)

XD Series Hose Reel Accessories

Oil | Gear Lube | ATF | Grease | Air | Water | Anti-Freeze | Washer Fluid

10 / 20 / 20 HN

Ordering Information

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 XD30, 700 or 750)
218340	For 1/4 in to 3/8 in (6 mm to 10 mm) ID hose (not for use with XD30, 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 XD30, 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

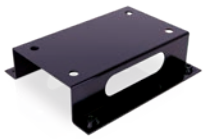
Hose Inlet Kits

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

	Maximum Working Pressure psi (bar)	Size in (mm)	Length ft (m)	Part Number
NPT	2,000 (137)	1/2 (13)	2 (0.6)	218549
	4,000 (276)	3/8 (10)		218550
	5,000 (345)	1/4 (6)		224417
BSPT	2,000 (137)	1/2 (13)	3 (0.9)	24C441
	4,000 (276)	3/8 (10)		24M231
	5,000 (345)	1/4 (6)		24C442
BSPP	2,000 (137)	1/2 (13)	3 (0.9)	24J256
	4,000 (276)	3/8 (10)		24M230
	5,000 (345)	1/4 (6)		24J257

Mounting Channels

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



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.

Hose and Cord Reels

XD Series Hose Reel Accessories

Ordering Information

Enclosure Kits for One Reel

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

Reel Size	White	Metallic Blue	Red	Black	Dark Blue	Yellow	Required End-Caps (set of 2)
XD 10	24N331	24N332	24N333	24N334	24N335	24N336	24A950
XD 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
24C100	Includes all parts to convert SD10 hose reels to fit existing 250 series enclosures
24P914	Includes all parts to convert XD20 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 Anti-Freeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose Identification Sets

Vinyl hose wrap for easy identification of meter fluid.

	Part Number	Description
	17S659	Red
	17S660	Blue
	17S661	Green
	17S662	Yellow
	17S663	White

XD Series Hose Reels

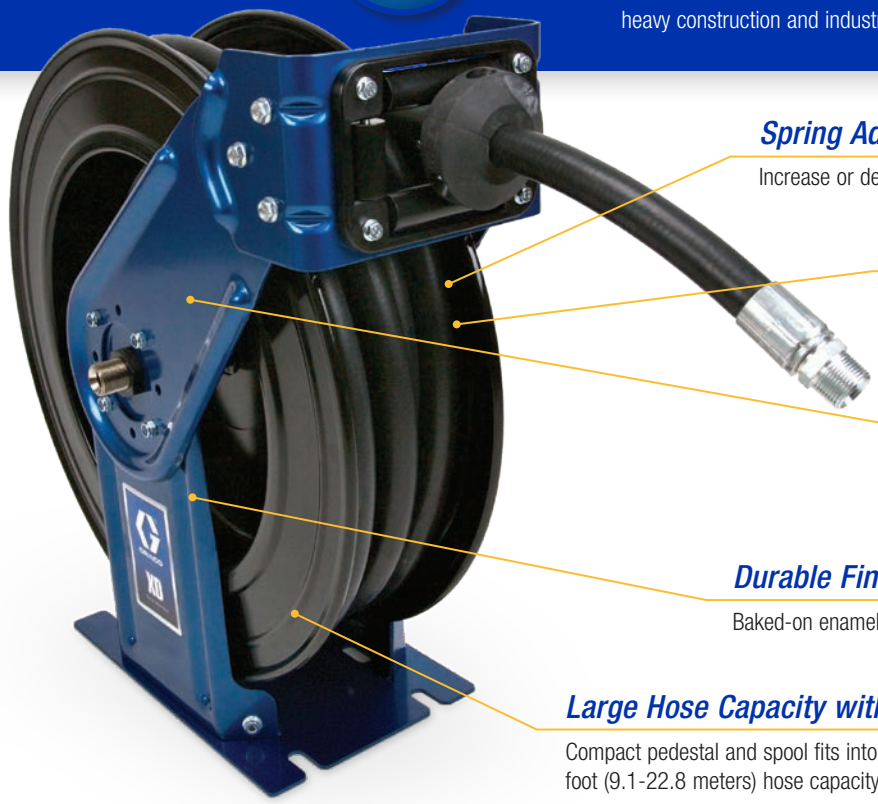
30 / 30 HN

Oil | Gear Lube | ATF | Grease | Fuel | Pressure Wash | Air | Water | Anti-Freeze | Washer Fluid | Oil/ Waste Oil | Diesel Exhaust Fluid (DEF)

7 Year Warranty!

High Capacity Reel

Used in applications requiring longer-range dispense and higher capacity than the standard XD 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 colours 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
- Anti-freeze
- Windshield washer fluid
- Pressure wash
- Waste oil evacuation
- Diesel exhaust fluid (DEF)

Technical Specifications

Operating Temperature Range		
	Air/Water/Anti-Freeze/ 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/Anti-Freeze/ Windshield Washer Fluid Reels	Nickel plated carbon steel, aluminium, Buna-N rubber, UHMWPE
	Oil	Nickel plated carbon steel, aluminium, 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, aluminium, 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

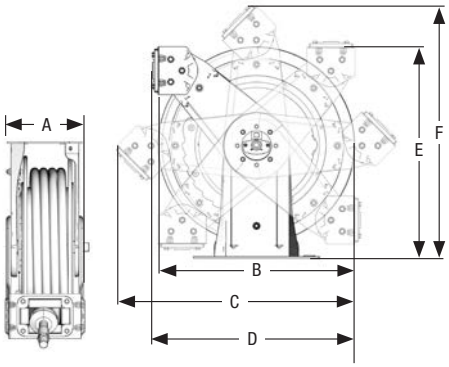
XD Series Hose Reels

30 / 30 HN

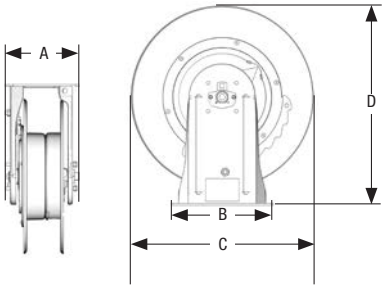
Dimensions

	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

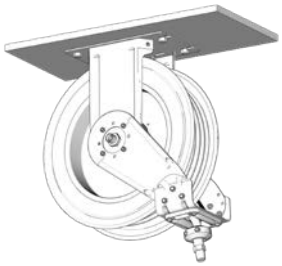


HN Models

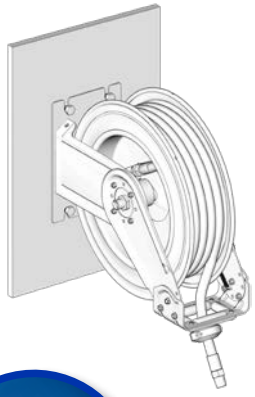


Typical Mounting Configurations

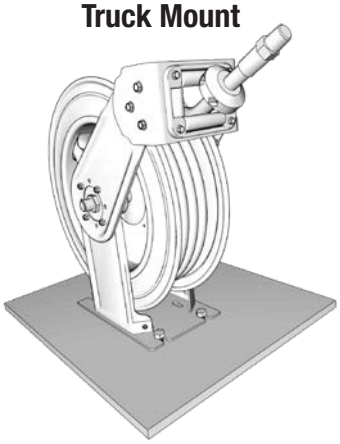
Ceiling Mount



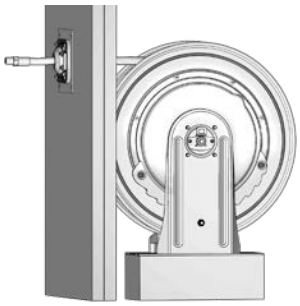
Wall Mount



Bench/ Truck Mount



Truck Mount with Remote Mounted Roller Guide



Metallic Blue (B)
Standard In-Stock Colour

Available in 4 Colours
Consult factory for lead times.

Yellow (F) **White (A)** **Desert Sand (G)**

XD Series Hose Reels

Oil | Gear Lube | ATF | Grease | Fuel | Pressure Wash | Air | Water | Anti-Freeze | Washer Fluid | Oil/ Waste Oil | Diesel Exhaust Fluid (DEF)

30 / 30 HN

Ordering Information

XD 30 Reel Assembly Ordering Guide

XD Series reels are available in four colours and multiple thread types. Use the chart below to determine the correct part number to order. The last character of each part number indicates the hose reel colour and thread type.

Reel Colour	Thread Type		
	NPT	Available Outside North America Only	
		BSPP	BSPT
White	A	J	P
Metallic Blue	B	K	R
Yellow	F	U	N
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 thread type:** NPT
3. **Select your reel colour:** 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/Anti-Freeze/ Windshield Washer Fluid	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HSLC8#	218549 (NPT) 24C441 (BSPP)
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	300 (20.7)	HSLD5#	24E284 (NPT)
Oil	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	1,500 (103)	HSMC8#	218549 (NPT) 24C441 (BSPP)
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	1,250 (86)	HSMD5#	24E284 (NPT)
Grease	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	5,000 (345)	HSHC5#	24E283 (NPT)
	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(F)	5,000 (345)	HSHB7#	24E283 (NPT)
Pressure Wash	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(M)	4,000 (276)	HSPB8#	24E283 (NPT)
	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	4,500 (310)	HSPC5#	24E283 (NPT)
Fuel Evacuation	1 (13)	30 (9)	3/4 NPSM(M)	1 NPT(M)	125 (8.6)	HSLE3#	24E285 (NPT)
DEF	1 (25)	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 (NPT) 24C441 (BSPP)
	3/4 (19)	50 (15)	3/4 (19) (m)	3/4 (19) (m)	2,000 (138)	HSMDD#	24E284 (NPT)
Grease	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	5,000 (345)	HSHCD#	24E283 (NPT)
Pressure Wash	3/8 (10)	75 (23)	1/2 (13) (m)	3/8 (10) (m)	4,000 (276)	HSHFF#	24E283 (NPT)
DEF	3/4 (19)	50 (15)	3/4 (19) (m)	3/4 (19) ORB	50 (3.4)	HSDDD#	24W250 (BSPP)

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/Anti-Freeze/ Windshield Washer Fluid	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	300 (20.7)	HNLC8#	218549 (NPT) 24C441 (BSPP)
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	300 (20.7)	HNLD5#	24E284 (NPT)
Oil	1/2 (13)	75 (23)	1/2 NPSM(M)	1/2 NPT(M)	1,500 (103)	HNMC8#	218549 (NPT) 24C441 (BSPP)
	3/4 (19)	50 (15)	3/4 NPSM(M)	3/4 NPT(M)	1,250 (86)	HNMD5#	24E284 (NPT)
Grease	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	5,000 (345)	HNHC5#	24E283 (NPT)
	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(F)	5,000 (345)	HNHB7#	24E283 (NPT)
Pressure Wash	3/8 (10)	75 (23)	1/2 NPSM(M)	3/8 NPT(M)	4,000 (276)	HNPB8#	24E283 (NPT)
	1/2 (13)	50 (15)	1/2 NPSM(M)	1/2 NPT(M)	4,500 (310)	HNPC5#	24E283 (NPT)
Fuel Evacuation	1 (13)	30 (9)	3/4 NPSM(M)	1 NPT(M)	125 (8.6)	HNLE3#	24E285 (NPT)

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)	HNMDD#	24E284 (NPT)
Grease	1/2 (13)	50 (15)	1/2 (13) (m)	1/2 (13) (m)	5,000 (345)	HNHCD#	24E283 (NPT)
Pressure Wash	3/8 (10)	75 (23)	1/2 (13) (m)	3/8 (10) (m)	4,000 (276)	HNHFF#	24E283 (NPT)

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 XD30, 700 or 750)
218340	For 1/4-3/8 in (6-10 mm) ID hose (not for use with XD30, 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 XD30, 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

XD Series Hose Reel Accessories

Oil | Gear Lube | ATF | Grease | Fuel | Pressure Wash | Air | Water | Anti-Freeze | Washer Fluid | Oil/ Waste Oil | Diesel Exhaust Fluid (DEF)

30 / 30 HN

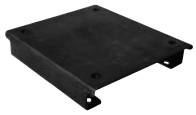
Ordering Information

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)

Retrofit Adapter Kit



Part Number	Description
24A224	Includes all parts to mount hose reel to existing 500 series mounting pattern

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 Anti-Freeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose Identification Sets

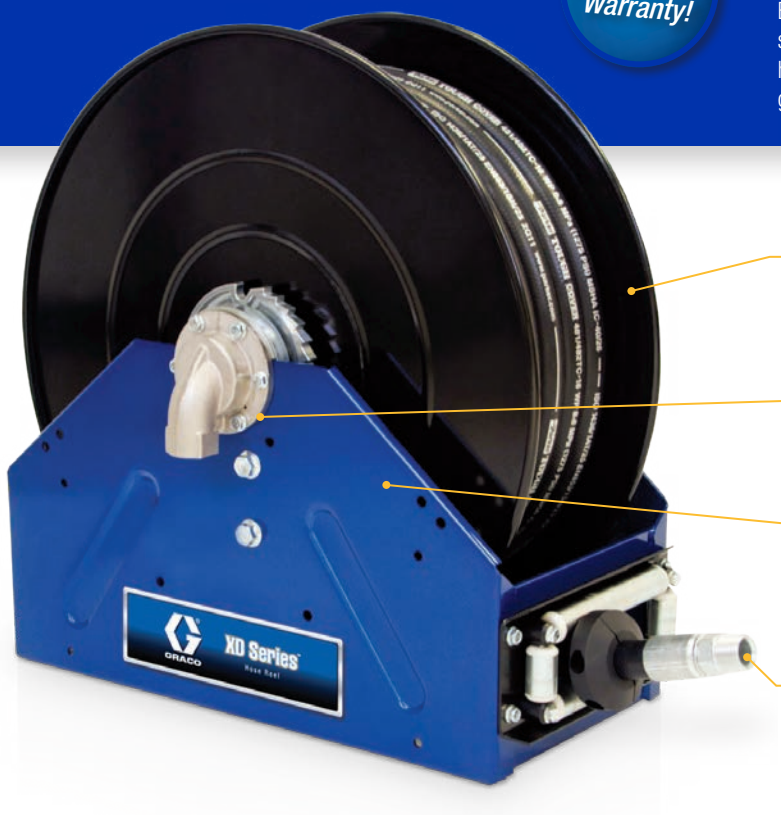
Vinyl hose wrap for easy identification of meter fluid

	Part Number	Description
	17S659	Red
	17S660	Blue
	17S661	Green
	17S662	Yellow
	17S663	White

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 colours, 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.

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
- Anti-freeze
- 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.

Graco XD 40 and XD 50 Hose Reels

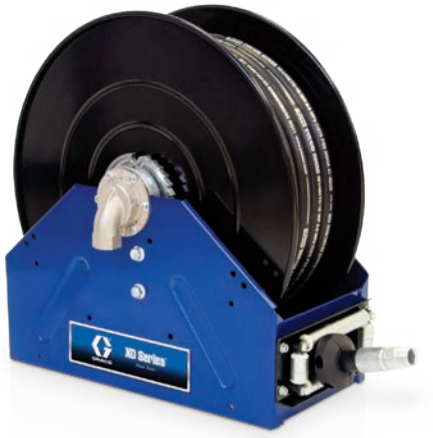
How to Select an XD 40/50 Hose Reel

2 Ways to Order!

Option 1 – Reel with Hose

(Pages 232-233)

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



Option 2 – Bare Reel

(Pages 232-235)

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

Choose Your Accessories (Pages 232 and 244)

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.

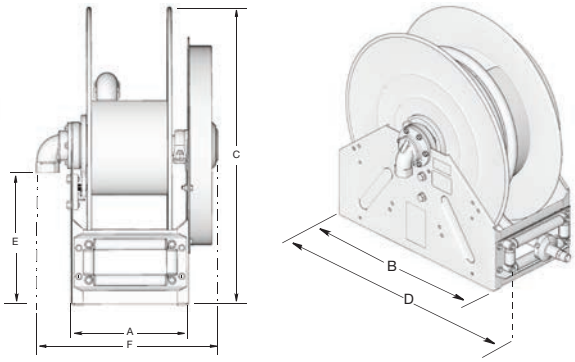
Support Arm

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



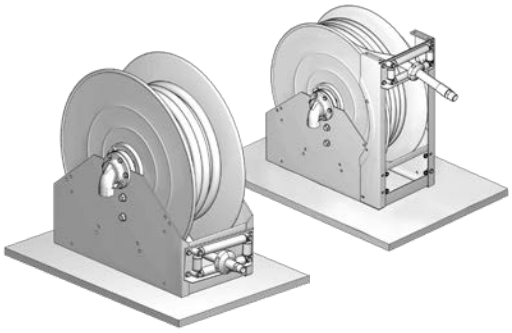
Dimensions

Model	Inlet/Outlet Size NPT(F)	Dimensions in (mm)*					
		A	B	C	D	E	F
XD 4010 – Model 1	1 in/1 in	11.83 (300)	24 (610)	26.13 (664)	26.4 (671)	10.91 (277)	16.54 (420)
XD 4010 – Model 2	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)

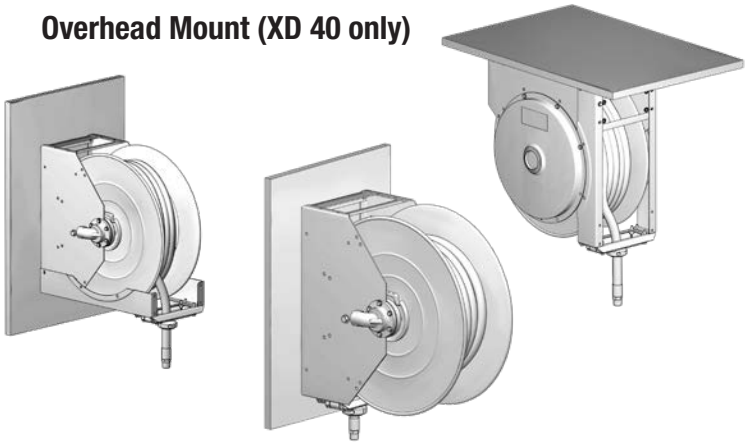
*For complete list of dimensions, see Graco product manual 3A2990.

Typical Mounting Configurations

Truck-Bed or Bench Mount



Overhead Mount (XD 40 only)



Standard In-Stock Colour:
Metallic Blue

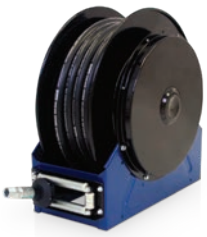
XD Series Hose Reels

Oil | Gear Lube | ATF | Fuel | Air | Water | Anti-Freeze | Oil/ Waste Oil

Ordering Information

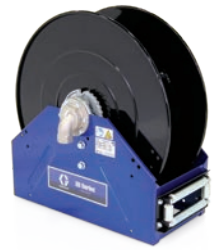
XD 40 Reels with Hose – NPT

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 Colour			Hose Inlet Kit (Order Separately)	Truck/Bench Mount Only
		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)	24P327	24P328	24P329	24R111	
		3/4 (19)	75 (23)	1	3/4	300 (21)	24P330	24P331	24P332		
		3/4 (19)	100 (30)	1	3/4	300 (21)	24P333	24P334	24P335		
		1 (25)	50 (15)	1	1	300 (21)	24P336	24P337	24P338		
	Anti-Freeze	3/4 (19)	100 (30)	1	3/4	300 (21)	24P984	24P985	24P986		
	Oil	1/2 (13)	100 (30)	1	1/2	2,000 (138)	24P339	24P340	24P341		
		3/4 (19)	75 (23)	1	3/4	1,500 (103)	24P342	24P343	24P344		•
		3/4 (19)	75 (23)	1	3/4	1,500 (103)	24R857	24R859	24R860		
		3/4 (19)	100 (30)	1	3/4	1,500 (103)	24P345	24P346	24P347		
		1 (25)	50 (15)	1	1	1,275 (88)	24P348	24P349	24P350		•
		1 (25)	50 (15)	1	1	1,275 (88)	24R861	24R862	24R863		
	Waste Oil Evacuation	1 (25)	50 (15)	1	1	250 (17)	24P351	24P352	24P353	24R112	
	Diesel Fuel	1 (25)	50 (15)	1	1	250 (17)	24P354	24P355	24P356	24R115	

XD 40 Bare Reels – NPT



Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			Hose Inlet Kit (order separately)	Truck/ Bench Mount Only
		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)	24P313	24P315	24P316	24R111	
		–	100 (30)	–	1	1	600 (41)	24P317	24P318	24P319		
	Anti-Freeze	–	100 (30)	100 (30)	1	1	600 (41)	26A140	26A141	26A142		
	Oil	–	75 (23)	50 (15)	1	1	2,000 (138)	24P320	24P322	24P323		•
		–	75 (23)	50 (15)	1	1	2,000 (138)	24R854	24R855	24R856		
		100 (30)	100 (30)	–	1	1	2,000 (138)	24P324	24P325	24P326		
	Waste Oil Evacuation	–	–	75 (23)	1	1	600 (41)	24P317	24P318	24P319	24R112	
	Diesel Fuel	–	–	50 (15)	1	1	600 (41)	24P317	24P318	24P319	24R115	

Remember to Order!

Ball Stop Kit
See page 236

Support Arm
See page 236

Hose
See page 248

Hose Inlet
See page 236

Ordering Information

XD 50 Reels with Hose – NPT

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 Colour			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	
	Anti-Freeze	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 Vitaulic™-style groove on inlet.

XD 50 Bare Reels – NPT

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			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
	Anti-Freeze	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 Vitaulic™-style groove on inlet.

Remember to Order!

Ball Stop Kit
See page 236

Support Arm
See page 236

Hose
See page 248

Hose Inlet
See page 236

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XD Series Hose Reels

Oil | Gear Lube | ATF | Fuel | Air | Water | Anti-Freeze | Oil/ Waste Oil

Ordering Information

Available Outside North America Only

XD 40 Bare Reels – BSPT

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			Hose Inlet Kit (order separately)	Truck/ Bench Mount Only
		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)	24P407	24P408	24P409		
		–	100 (30)	–	1	1	600 (41)	24P410	24P411	24P412		
	Oil	–	75 (23)	50 (15)	1	1	2,000 (138)	24P413	24P414	24P415	24R111	•
		–	75 (23)	50 (15)	1	1	2,000 (138)	24R867	24R868	24R869		
		100 (30)	100 (30)	–	1	1	2,000 (138)	24P416	24P417	24P418		
	Waste Oil Evacuation	–	–	75 (23)	1	1	600 (41)	24P410	24P411	24P412	24R112	
	Diesel Fuel	–	–	50 (15)	1	1	600 (41)	24P410	24P411	24P412	24R115	

Available Outside North America Only

XD 50 Bare Reels – BSPT

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			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)	24P549	24P550	24P551	24R111
	Oil	75 (23)	–	–	1	1	2,000 (138)	24P552	24P553	24P554	
	Diesel Fuel	100 (30)	–	–	1	1	600 (41)	24P549	24P550	24P551	24R115
		75 (23)	–	–	1	1	600 (41)	24P559	24P560	24P561	
XD 5015**	Waste Oil Evacuation	–	50 (15)		1-1/2	1-1/2	600 (41)	24P555	24P556	24P558	–
	Diesel Fuel	–	50 (15)	–	1-1/2	1-1/2	600 (41)	24P555	24P556	24P558	24R117
		–	50 (15)	50 (15)	1-1/2	1-1/2	600 (41)	24P563	24P564	24P565	

**Standard 2 inch Vitaulic™-style groove on inlet.

Remember to Order!

Ball Stop Kit
See page 236

Support Arm
See page 236

Hose
See page 248

Hose Inlet
See page 236

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Ordering Information

Available Outside North America Only

XD 40 Bare Reels – BSPP

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			Hose Inlet Kit (order separately)	Truck/ Bench Mount Only
		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)	24P364	24P366	24P367	24R111	
		–	100 (30)	–	1	1	600 (41)	24P368	24P369	24P370		
	Oil	–	75 (23)	50 (15)	1	1	2,000 (138)	24P371	24P372	24P373		•
		–	75 (23)	50 (15)	1	1	2,000 (138)	24R864	24R865	24R866		
		100 (30)	100 (30)	–	1	1	2,000 (138)	24P374	24P375	24P376		
	Waste Oil Evacuation	–	–	75 (23)	1	1	600 (41)	24P368	24P369	24P370	24R112	
	Diesel Fuel	–	–	50 (15)	1	1	600 (41)	24P368	24P369	24P370	24R115	

Available Outside North America Only

XD 50 Bare Reels – BSPP

Reel Size	Fluid	Hose Length Capacity (in x ft (m))			Connection Size		Maximum Pressure psi (bar)	Part Number by Reel Colour			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)	24P500	24P503	24P504	24R111
	Oil	75 (23)	–	–	1	1	2,000 (138)	24P505	24P506	24P507	
	Diesel Fuel	100 (30)	–	–	1	1	600 (41)	24P500	24P503	24P504	24R115
		75 (23)	–	–	1	1	600 (41)	24P511	24P512	24P513	
XD 5015**	Waste Oil Evacuation	–	50 (15)		1-1/2	1-1/2	600 (41)	24P508	24P509	24P510	–
	Diesel Fuel	–	50 (15)	–	1-1/2	1-1/2	600 (41)	24P508	24P509	24P510	24R117
		–	50 (15)	50 (15)	1-1/2	1-1/2	600 (41)	24P514	24P515	24P516	

**Standard 2 inch Vitaulic™-style groove on inlet.

Remember to Order!

Ball Stop Kit
See page 236

Support Arm
See page 236

Hose
See page 248

Hose Inlet
See page 236

Victaulic is a trademark of Victaulic Company of America.

XD Series Hose Reel Accessories

Oil | Gear Lube | ATF | Fuel | Air | Water | Anti-Freeze | Oil/ Waste Oil

40 / 50

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 mounting kit for XD 40. Includes all parts needed for ceiling mounting 1 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 Anti-Freeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

Hose Identification Sets

Vinyl hose wrap for easy identification of meter fluid

Part Number	Description
17S659	Red
17S660	Blue
17S661	Green
17S662	Yellow
17S663	White

Notes

XD Series Powered Bare Hose Reels

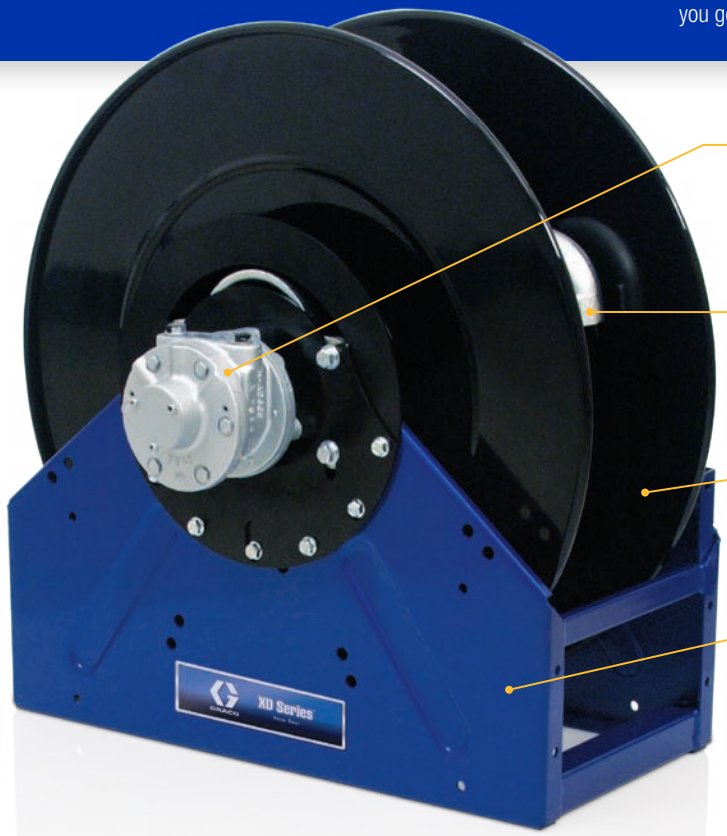
60 / 70 / 80

Oil | Gear Lube | ATF | Grease | Fuel | Air | Water | Oil/ Waste Oil

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

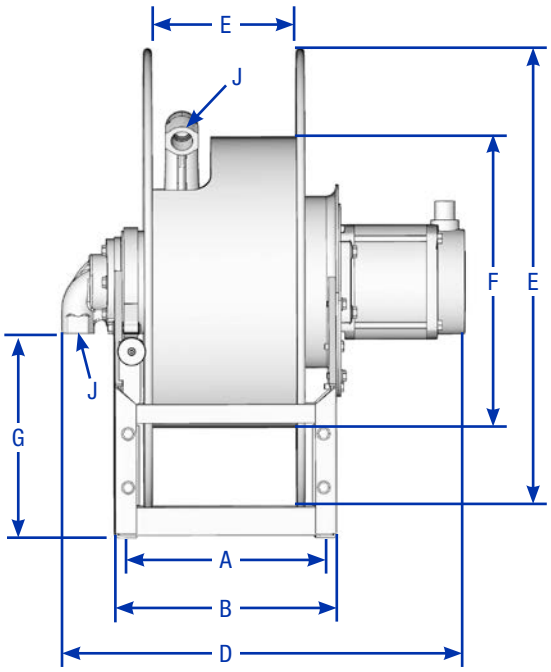
- Petroleum- and synthetic-based oils (motor, gear and ATF)
- Diesel fuel
- Air
- Water
- Grease
- Waste oil evacuation

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

XD Series Bare Hose Reels

60 / 70 / 80



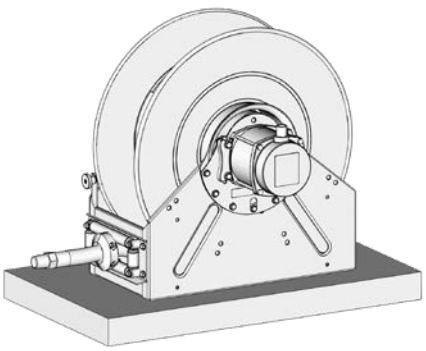
Dimensions

Reference dimension "D" for specific motor type

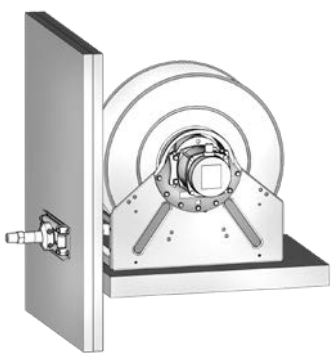
Model	Inlet/Outlet Size (J) NPT(F)	Dimensions in (mm)							
		A (Mounting Holes)	B	C	D			E	F
					Pneumatic	Hydraulic	Electric		
XD6010	1 in/1 in	10.45 (256)	11.8 (300)	10.9 (277)	20.4 (519)	15.7 (400)	21.6 (547)	7.8 (198)	15.5 (394)
XD7010	1 in/1 in	12.95 (329)	14.3 (363)	10.9 (277)	22.9 (583)	18.2 (463)	24.1 (611)	10 (254)	10 (254)
XD7015	1-1/2 in/ 1-1/2 in	12.95 (329)	14.3 (363)	10.9 (277)	23.7 (603)	19 (483)	24.8 (631)	10 (254)	10 (254)
XD7020	2 in/2 in	12.95 (329)	14.3 (363)	10.2 (259)	24.1 (613)	19.4 (493)	25.2 (641)	10 (254)	10 (254)
XD8010	1 in/1 in	20.68 (525)	22.1 (561)	13.4 (340)	30.7 (779)	26 (659)	31.8 (807)	18 (457)	15.5 (394)
XD8015	1-1/2 in/ 1-1/2 in	20.68 (525)	22.1 (561)	13.4 (340)	31.4 (799)	26.7 (679)	32.5 (827)	18 (457)	15.5 (394)
XD8020	2 in/2 in	20.68 (525)	22.1 (561)	12.7 (323)	31.9 (809)	27.1 (689)	33 (837)	18 (457)	15.5 (394)

Typical Mounting Configurations

Bench/Trunk Mount



Truck Mount with Remote Mounted Roller Guide

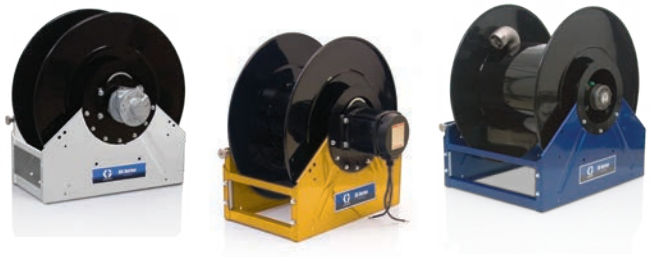


Graco XD Series Powered Hose Reels

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

REQUIRED

Specify the Hose Fluid Type and Capacity

Determine your fluid type and capacity before selecting your reel.

Fluid Type
- ☐ Air/Water
- ☐ Anti-Freeze
- ☐ Petroleum- and Synthetic-Based Oils
- ☐ Waste Oil
- ☐ Diesel Fuel

Hose ID in (mm)
- ☐ 1/2 (13)
- ☐ 1 (25)
- ☐ 1-1/2 (38)
- ☐ 2 (51)

Hose Length ft (m)
- ☐ 50 (15)
- ☐ 75 (23)
- ☐ 100 (30)
- ☐ 150 (46)

B

REQUIRED

Choose Your Reel Size

☐ XD 60 ☐ XD 70 ☐ XD 80

C

REQUIRED

Choose Your Reel Colour

Select from Blue, Yellow or White.

☐ Blue ☐ Yellow ☐ White

D

REQUIRED

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.

- ☐ Order Reel with Motor Included (Pages 242-244)
- ☐ Order Reel and Motor Separately (Page 245)
  - ☐ Pneumatic Motor
  - ☐ Hydraulic Motor
  - ☐ Electric Motor
    - ☐ 12 VDC, 1/2 HP
    - ☐ 12 VDC, 2/3 HP
    - ☐ 24 VDC, 1/2 HP
    - ☐ 24 VDC, 2/3 HP
    - ☐ 115 VAC, 0.40 HP

E

REQUIRED

Choose Your Controls (Pages 245-246)

- ☐ **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

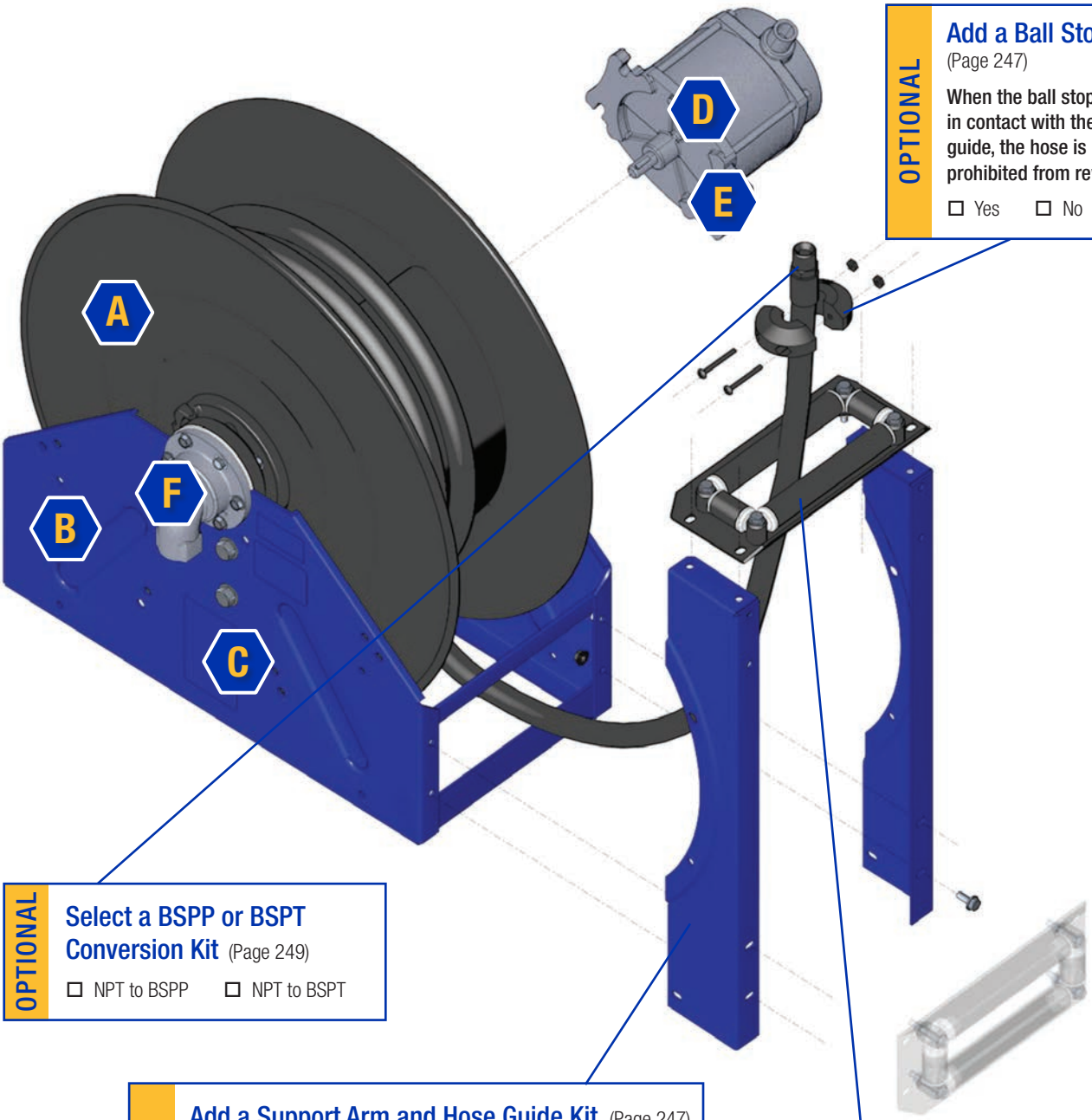
REQUIRED FOR INSTALLATION

Hose Inlet Kit (Page 247)

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 247)

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

☐ Yes ☐ No

OPTIONAL

Select a BSPP or BSPT Conversion Kit (Page 249)

☐ NPT to BSPP ☐ NPT to BSPT

OPTIONAL

Add a Support Arm and Hose Guide Kit (Page 247)

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 247)

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

Oil | Gear Lube | ATF | Grease | Fuel | Air | Water | Oil/ Waste Oil

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) Hose ID in (mm) 1/2 (13)	3/4 (19)	1 (25)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/ Outlet Size NPT(F)	Reel Part Number by Colour Metallic Blue	Yellow	White	Hose Accessories (Must be ordered separately) Hose Inlet Kit	Hose
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		
	Oil	Pneumatic	100 (30)	100 (30)	50 (15)	3,000 (207)	125 (56)	1 in/1 in (25 mm/ 25 mm)	24R434	24R435	24R436		126375 – 1/2 in x 100 ft (13 mm x 30 m)
		Hydraulic	100 (30)	100 (30)	50 (15)	3,000 (207)	103 (47)		24R431	24R432	24R433		126376 – 3/4 in x 75 ft (19 mm x 23 m)
		12 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	3,000 (207)	134 (61)		24R422	24R423	24R424		126377 – 3/4 in x 100 ft (19 mm x 30 m)
		24 VDC Electric, 1/2 HP	100 (30)	100 (30)	50 (15)	3,000 (207)	134 (61)		24R425	24R426	24R427		126503 – 1 in x 50 ft (25 mm x 15 m)
		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	24R102 – 1 in x 50 ft (25 mm x 15 m)
		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		

Remember to Order!

Ball Stop Kit
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Hose Guide
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Support Arm
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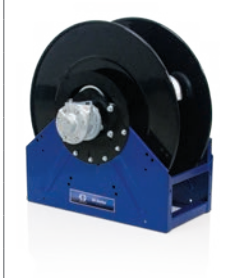
Hose
See page 248

Hose Inlet
See page 247

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) Hose ID 1 in (25 mm)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/ Outlet Size NPT(F)	Reel Part Number by Colour Metallic Blue	Yellow	White	Hose Accessories (Must be ordered separately) 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 VAC Electric, 1/2 HP	150 (46)	600 (41)	173 (78)		24R519	24R520	24R521		
		24 VAC 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		

Remember to Order!

Ball Stop Kit
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XD Series Bare Hose Reels

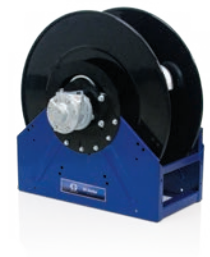
Oil | Gear Lube | ATF | Grease | Fuel | Air | Water | Oil/ Waste Oil

60 / 70 / 80

Ordering Information

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

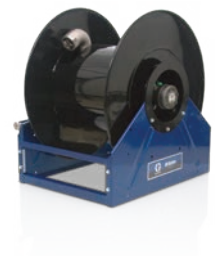
XD 70 / XD 80 Reels



Reel Size	Fluid	Motor	Hose Capacity of Reel ft (m) Hose ID 1-1/2 in (38 mm)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/ Outlet Size NPT(F)	Reel Part Number by Colour			Hose Accessories (Must be ordered separately)	
							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) Hose ID 2 in (51 mm)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/ Outlet Size NPT(F)	Reel Part Number by Colour			Hose Accessories (Must be ordered separately)	
							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		Pneumatic	50 (15)	600 (41)	169 (76)		24R576	24R577	24R578		24T254 – 2 in x 50 ft (51 mm x 15 m)
		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!

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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) Hose ID in (mm) 1/2 (13)	3/4 (19)	1 (25)	1-1/2 (38)	2 (51)	Maximum Pressure psi (bar)	Weight lb (kg)	Inlet/ Outlet Size NPT(F)	Reel Part Number by Colour Metallic Blue	Yellow	White
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)	–	–	600 (41)	87 (39)		24T104	24T105	24T106
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
	Diesel Fuel	–	–	–	65 (20)	–	600 (41)	87 (39)		24T116	24T117	24T118
XD 8015		–	–	–	100 (30)	–	600 (41)	129 (58)		24T128	24T129	24T130
XD 7020		–	–	–	–	33 (10)	600 (41)	91 (41)	2 in/2 in (51 mm/51 mm)	24T119	24T120	24T121
XD 8020		–	–	–	–	50 (15)	600 (41)	133 (60)		24T131	24T132	24T133

Motor Assemblies – Pair with Frame-Only Models

	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!

Ball Stop Kit
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Hose
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Hose Inlet
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XD Series Bare Hose Reel Accessories

Oil | Gear Lube | ATF | Grease | Fuel | Air | Water | Oil/ Waste Oil

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 Anti-Freeze, Water, SAE 5-40, SAE 10-40, SAE 20W, Hydraulic, Gear, SAE 10W, SAE 10-30, SAE 30W, Dexron, Air, Chassis, ATF

XD Series Hose Reel Accessories

Oil | Gear Lube | ATF | Grease | Fuel | Air | Water | Oil/ Waste Oil

Ordering Information

Hose Identification Sets

Vinyl hose wrap for easy identification of meter fluid

	Part Number	Description
	17S659	Red
	17S660	Blue
	17S661	Green
	17S662	Yellow
	17S663	White

Air Hoses – NPT

	Part Number	Description
	126359	1/2 in x 100 ft (13 mm x 30 m) hose for air/water, 300 psi (20.6 bar)
	126360	3/4 in x 75 ft (19 mm x 23 m) hose for air/water, 300 psi (20.6 bar)
	126361	3/4 in x 100 ft (19 mm x 30 m) hose for air/water, 300 psi (20.6 bar)
	126362	1 in x 50 ft (25 mm x 15 m) hose for air/water, 300 psi (20.6 bar)
	126363	1 in x 75 ft (25 mm x 23 m) hose for air/water, 300 psi (20.6 bar)
	126364	1 in x 100 ft (25 mm x 30 m) hose for air/water, 300 psi (20.6 bar)

Oil Hoses – NPT

	Part Number	Description
	126375	1/2 in x 100 ft (13 mm x 30 m) hose for oil, 2,000 psi (138 bar)
	126376	3/4 in x 75 ft (19 mm x 23 m) hose for oil, 1,500 psi (103 bar)
	126377	3/4 in x 100 ft (19 mm x 30 m) hose for oil, 1,500 psi (103 bar)
	126503	1 in x 50 ft (25 mm x 15 m) hose for oil, 1,275 psi (88 bar)
	126504	1 in x 75 ft (25 mm x 23 m) hose for oil, 1,275 psi (88 bar)
	126505	1 in x 100 ft (25 mm x 30 m) hose for oil, 1,275 psi (88 bar)

Waste Oil Evacuation Hoses – NPT

	Part Number	Description
	126379	1 in x 50 ft (25 mm x 15 m) hose for waste oil, 250 psi (17 bar)
	126380	1-1/4 in x 35 ft (32 mm x 10.5 m) hose for waste oil, 200 psi (13.8 bar)
	126688	1-1/4 in x 50 ft (32 mm x 15 m) hose for waste oil, 200 psi (13.8 bar)
	127173	1-1/2 in x 50 ft (38 mm x 15 m) hose for waste oil, 200 psi (13.8 bar)

Diesel Fuel Hoses – NPT

	Part Number	Description
	24R102	1 in x 50 ft (25 mm x 15 m) hose for diesel fuel, 250 psi (17 bar)
	24R103	1 in x 75 ft (25 mm x 23 m) hose for diesel fuel, 250 psi (17 bar)
	24R106	1 in x 100 ft (25 mm x 30 m) hose for diesel fuel, 250 psi (17 bar)
	24T252	1 in x 150 ft (25 mm x 46 m) hose for diesel fuel, 250 psi (17 bar)
	24R108	1-1/4 in x 35 ft (32 mm x 10.5 m) hose for diesel fuel, 250 psi (17 bar)
	24R110	1-1/4 in x 50 ft (32 mm x 15 m) hose for diesel fuel, 250 psi (17 bar)
	24R114	1-1/2 in x 50 ft (38 mm x 15 m) hose for diesel fuel, 150 psi (11 bar)
	24T253	1-1/2 in x 100 ft (38 mm x 30 m) hose for diesel fuel, 150 psi (11 bar)
	127167	2 in x 33 ft (51 mm x 10 m) hose for diesel fuel, 150 psi (11 bar)
	24T254	2 in x 50 ft (51 mm x 15 m) hose for diesel fuel, 150 psi (11 bar)

XD Series Hose Reel Accessories

Ordering Information

BSPP/BSPT Conversion Kits

Part Number	Description
24T359	BSPP Conversion Kit. To convert a 1 in XD 60 or XD 80 reel from NPT to BSPP
24T361	BSPP Conversion Kit. To convert a 1 in XD 70 reel from NPT to BSPP
24T365	BSPP Conversion Kit. To convert a 1.5 in XD 70 from NPT to BSPP
24T363	BSPP Conversion Kit. To convert a 1.5 in XD 80 from NPT to BSPP
24T360	BSPT Conversion Kit. To convert a 1 in XD 60 or XD 80 reel from NPT to BSPT
24T362	BSPT Conversion Kit. To convert a 1 in XD 70 reel from NPT to BSPT
24T366	BSPT Conversion Kit. To convert a 1.5 in XD 70 from NPT to BSPT
24T364	BSPT Conversion Kit. To convert a 1.5 in XD 80 from NPT to BSPT
24T368	BSPT Conversion Kit. To convert a 2 in XD 70 from NPT to BSPT
24T367	BSPT Conversion Kit. To convert a 2 in XD 80 from NPT to BSPT

Notes

FLUID RECLAIM EQUIPMENT

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GRACO

Oil King™

Oil/ Used Oil

Convenient Used-Oil Receiver

5 Year Warranty!

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.

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.

Coolant King™

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. Colour 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 anti-freeze

Technical Specifications

Fluid	Anti-freeze
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-anti-freeze receiver with used-filter tray, tool holders and sight gauge. Must use wall mount package (224873) for topside evacuation

Must ship via truck.

Oil Ace™ Drain

Oil/ Used Oil

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

Oil Ace™ – Used Oil Evacuation

Vacuum-Assisted Oil Collection System

For shops requiring flexibility, use Graco's multi-purpose used oil evacuation system when fluid drain plugs are either not available or not easily accessible.

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.

26C064

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

Oil Ace – Used Oil Evacuation

Oil/ Used Oil

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

16-Gallon Mobile Receiver

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.

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

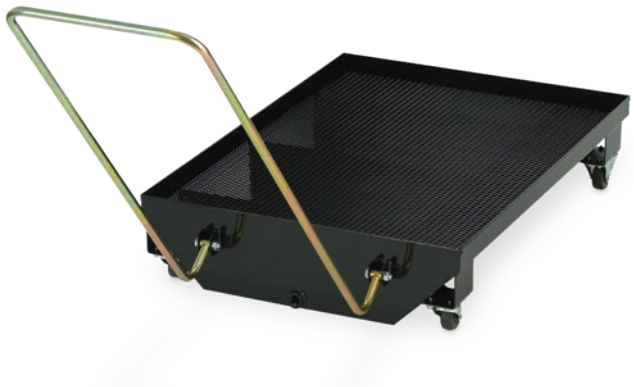
Part Number	Description
156789	Use with Pedestal Receiver 225272 to open automatic check-valve and drain used oil into standard drum. Funnel drain has 2 in NPT bung fitting for use with 55 gal (210 l) or 16 gal (60 l) drums or 275 gallon (1,100 l) tanks.

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.

Big Hauler™ Truck Drain

Oil/ Used Oil



Typical Applications

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

Typical Fluids Handled

- Used oil

Technical Specifications

Fluid	Used 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

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

Oil/ Used Oil

Typical Applications

- Fast lube centers
- Fleet services facilities

Typical Fluids Handled

- Used oil

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

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.

Diaphragm Evacuation Pumps

Oil/
Used Oil

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, aluminium, stainless steel, PTFE, zinc-plated steel	Aluminium, 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

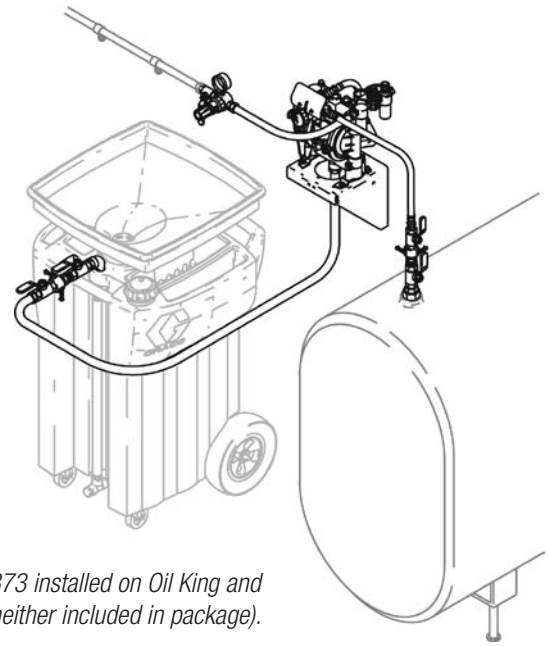
Evacuation Pump Packages

Oil/ Used Oil

Ordering Information

Wall Mount Packages

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



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

Evacuation Pump Packages

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	Base	Base
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.	–

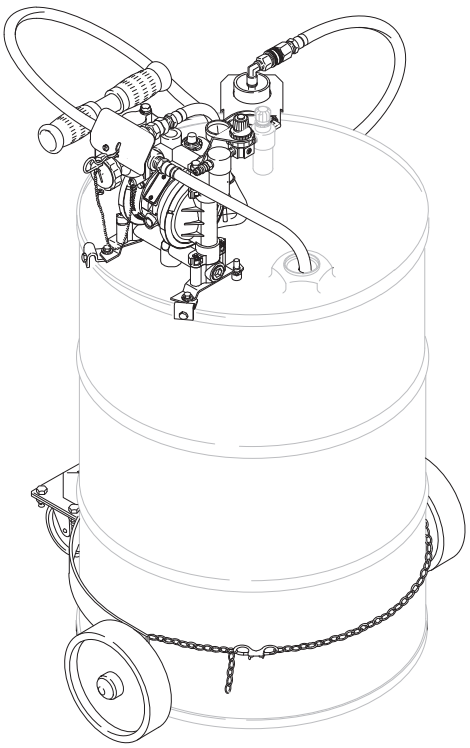
Evacuation Pump Packages

Oil/ Used Oil

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	308163	308163
Must be ordered separately (Not Included)		
Filter Regulator Lubricator (FRL)	110149	110149
FRL Mounting Kit	224759	224759

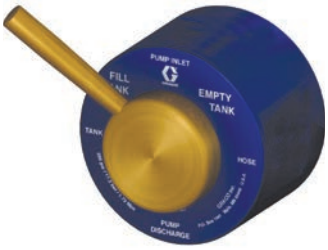


Package 224701 installed on oil drum (Drum and filter regulator not included in package)

Ordering Information

4-Way Evacuation Valve

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

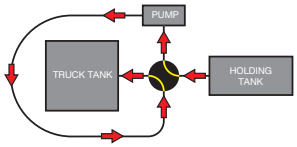


Features and Benefits

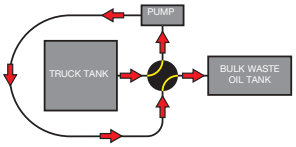
- Simplifies installation by eliminating need for multiple valves
- Unrestricted flow – no pressure or volume loss
- Two-position tank fill and emptying control
- Tapered, self-seating valve spool for superior sealing performance

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 anti-freeze. 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

Notes

ACCESSORIES

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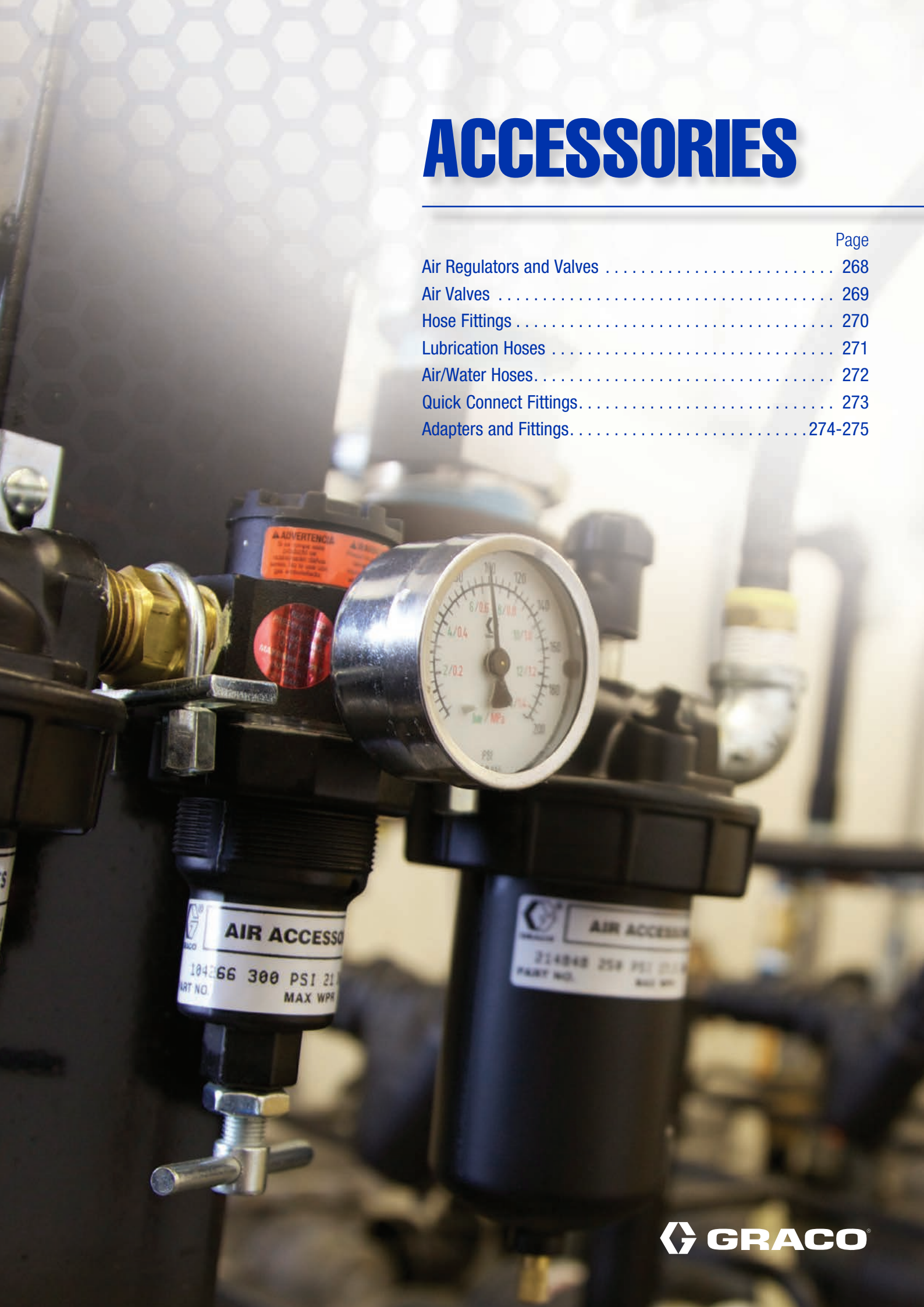

GRACO

Air Regulators and Valves

Ordering Information

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)	1/1/8 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	Colour
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 due to an empty barrel or hose leak.

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

Hose Fittings

Air Water

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/Anti-Freeze Bib is a durable, full-volume dispense nozzle for water, anti-freeze 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*
		15 in (0.4 m)			109148*
		24 in (0.6 m)	3/8	3/8	109146
		30 in (0.8 m)			109147
		48 in (1.2 m)	1/4	1/4	109149
		72 in (1.8 m)			109150
		12 ft (3.6 m)			109151
		15 ft (4.6 m)			109152
		20 ft (6.1 m)		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
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 (19.1)	109108
		72 in (1.8 m)			109105
		10 ft (3.0 m)			111010
		75 ft (22.9 m)	1/2	1	237865
		50 ft (15.2 m)			237866
1 (25.4)	212 (14.6)	50 ft (15.2 m)	1	1	241908
1 (25.4)	125 (8.7)	50 ft (15.2 m)	1	1	249058

Air/Water Hoses

Air Water

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)		1/2	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)			109131
		16 ft (4.9 m)	1/4	3/8	110326
		25 ft (7.6 m)	3/8	1/2	109132
		40 ft (12.2 m)			109134
		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

Quick-Connect Fittings

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

Adapters and Fittings

Oil | Gear Lube | Grease | Air | Water

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 (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	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 3000 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	–

Graco Equipment Warranty

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 Petroleum Management Group Equipment 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 judiciaries exécutés, donnés ou intentés à la suite de ou en rapport, directement ou indirectement, avec les procedures concernées.

Graco Equipment Warranty

Graco Petroleum Management Group Equipment Extended Warranty (cont.)

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

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