

Hydra-Clean™

Air-Operated and Hydraulic Pressure Washers
for Hazardous Locations

FluidTec

Fluid Technologies Ltd Tel No 01224 059444



Spray down portability for sanitary and industrial applications

- Efficient cleaning with hot or cold water, detergent or chemical solutions up to 93°C (200°F)
- Supports two guns on one unit for multiple operators
- Use with open-head universal drums
- Durable piston pump technology will not corrode with harsh chemicals

Pneumatic- or Hydraulic-driven Pressure Washers

Gas and electric can't be used? Choose the pneumatic-driven or hydraulic-driven Hydra-Clean pressure washer for your cleaning solution!

Unlike gas and electric pressure washers, all of our Hydra-Clean pressure washers are safe to operate in hazardous locations because there's no risk of sparking. Our industrial and sanitary pressure washers are a quick, easy and efficient method to clean your toughest environments.

Hydraulic Hydra-Clean

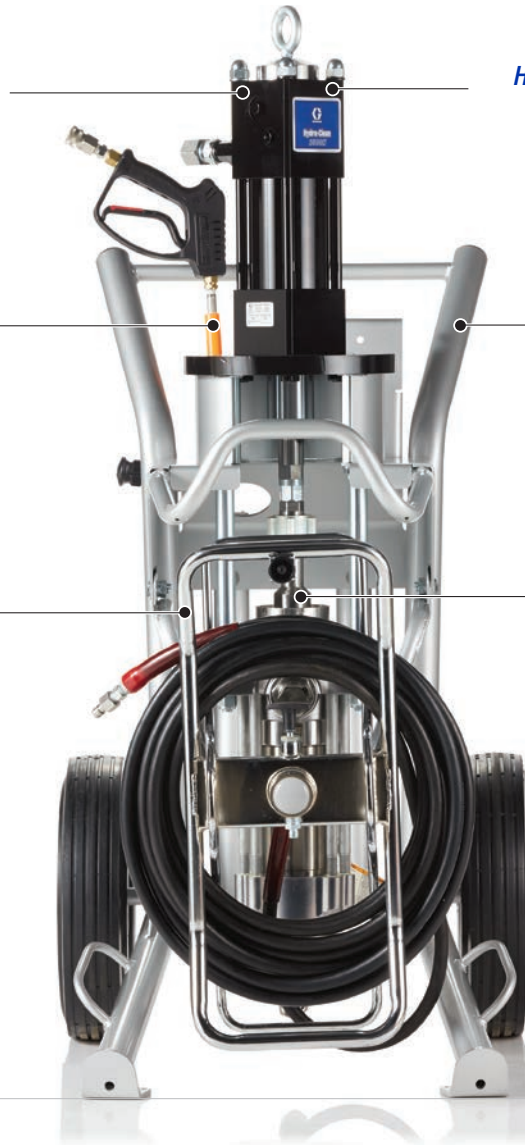
- Hydraulic motor can be powered by existing hydraulic power take-off (PTO) on board equipment
- Eliminates icing
- Operates where compressed air sources are not available

Supports Multiple Guns

- Use 2 spray wands at the same time to support multiple operators

Optional Hose Reel

- Hose reel kit easily mounts on any new or existing cart- or wall-mount Hydra-Clean unit



High Pressure and High Flow Cleaning

- Air: Up to 275.6 bar (4,000 psi) and 34 lpm (9 gpm)
- Hydraulic: Up to 296.5 bar (4,300 psi) and 34 lpm (9 gpm)

Easy-to-Use

- Use with hot or cold water, detergents or strong chemical solutions up to 93°C (200°F)

Pump Construction

- Durable piston pump technology can handle abrasives
- 300 Series SST pump will not corrode with chemicals, abrasives or in harsh environments



Hydra-Clean Models



Hydra-Clean Hydraulic Cart-Mount*



Hydra-Clean Air-Operated Wall-Mount



Hydra-Clean Air-Operated Cart-Mount



Hydra-Clean Air-Operated 10:1 Drum-Mount



Applications

- Mining
- Oil and Gas
- Service Trucks
- Shipyards
- Agriculture
- Sanitary

Ordering Information

Pneumatic Hydra-Clean

Package Order Number	247549 or 247550	247551 or 247552	247553 or 247554	24W473 with Hose Reel	258664 or 258665	206515
Package Instruction Manual	312585	312585	312585	312585	312585	306817
Air Motor Part Number	N34DN0	N65DN0	N65DN0	N65DN0	N65DN0	207352
Air Motor Manual	311238	311238	311238	311238	311238	306982
Pump Lower Part number	247599	241648	687055	687055	24B923	224344
Pump Manual	312745	311825	311825	311825	311827	308117
Wetted Parts	SST/PTFE/CF-PTFE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE	SST/CR/UHMWPE
Pump Std. Repair Kit	247881	222880	See Manual	See Manual	24C162	224402
Optional PTFE Repair Kit	N/A	222876	222846	222846	237179	224889
Std. Discharge hose (3/8 x 15m) 310 bar with M & F QD's	247878	247878	247878	247878	247878	205753
Std. Gun/Wand Assy	247879	247879	247879	247879	247879	237485/207299
Std. 60 Mesh Inlet Strainer	15T284	15T284	15T284	15T284	15T284	206300

Hydraulic Hydra-Clean

Package Order Number	24V616	24V628	24W474 with Hose Reel	24V617	24V629
Package Instruction Manual	334187	334187	334187	334187	334187
Hydraulic Motor Part Number	24W139	24W139	24W139	24W139	24W139
Hydraulic Motor Manual	307158	307158	307158	307158	307158
Pump Lower Part number	687055	687055	687055	24B923	24B923
Pump Manual	311825	311825	311825	311827	311827
Wetted Parts	SST/PTFE/CF-PTFE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE	SST/CF-PTFE/UHMWPE
Pump Std. Repair Kit	222880	222880	222880	24C162	24C162
Optional PTFE Repair Kit	222876	222876	222876	237179	237179
Std. Gun/Wand Assy	247879	247879	247879	247879	247879
Std. 60 Mesh Inlet Strainer	15T284	15T284	15T284	15T284	15T284

Technical Specifications

Pneumatic Hydra-Clean

Part Number	Pump Package	Max. Working Pressure†	Max. Air Input Pressure	Fluid Flow at 60 cpm	Volume per Cycle	Air Inlet Size	Fluid Inlet Size	Fluid Outlet Size
247549	12:1 Cart Mount	86 bar (8.6 MPa / 1250 psi)	7 bar (0.7 MPa / 100 psi)	33.0 lpm (8.7 gpm)	550 cc (18.6 oz)	3/4" npt(f)	1 in	3/8 in
247550	12:1 Wall Mount	86 bar (8.6 MPa / 1250 psi)	7 bar (0.7 MPa / 100 psi)	33.0 lpm (8.7 gpm)	550 cc (18.6 oz)	3/4" npt(f)	1 in	3/8 in
247551	23:1 Cart Mount	157 bar (15.7 MPa / 2275 psi)	7 bar (0.7 MPa / 100 psi)	34.7 lpm (9.2 gpm)	580 cc (19.6 oz)	3/4" npt(f)	1 in	3/8 in
247552	23:1 Wall Mount	157 bar (15.7 MPa / 2275 psi)	7 bar (0.7 MPa / 100 psi)	34.7 lpm (9.2 gpm)	580 cc (19.6 oz)	3/4" npt(f)	1 in	3/8 in
247553	30:1 Cart Mount	211 bar (21.1 MPa / 3065 psi)	7 bar (0.7 MPa / 100 psi)	25.9 lpm (6.8 gpm)	430 cc (14.5 oz)	3/4" npt(f)	1 in	3/8 in
24W473**	30:1 Cart Mount	211 bar (21.1 MPa / 3065 psi)	7 bar (0.7 MPa / 100 psi)	25.9 lpm (6.8 gpm)	430 cc (14.5 oz)	3/4" npt(f)	1 in	3/8 in
247554	30:1 Wall Mount	211 bar (21.1 MPa / 3065 psi)	7 bar (0.7 MPa / 100 psi)	25.9 lpm (6.8 gpm)	430 cc (14.5 oz)	3/4" npt(f)	1 in	3/8 in
258664	40:1 Cart Mount	276 bar (27.6 MPa / 4000 psi)	7 bar (0.7 MPa / 100 psi)	17.4 lpm (4.6 gpm)	290 cc (9.8 oz)	3/4" npt(f)	1 in	3/8 in
258665	40:1 Wall Mount	276 bar (27.6 MPa / 4000 psi)	7 bar (0.7 MPa / 100 psi)	17.4 lpm (4.6 gpm)	290 cc (9.8 oz)	3/4" npt(f)	1 in	3/8 in
206515	10:1 Drum Mount	125 bar (12.5 MPa / 1800 psi)	12.5 bar (1.2 MPa / 180 psi)	11.4 lpm (3.0 gpm)	189 cc (6.4 oz)	1/2" npt(f)	1/2 in	3/4 in

**Hose Reel is included with cart mount package 24W473

†Maximum fluid pressure when spraying with available Graco spray tips. Smaller tips or stalled conditions result in higher pressure.

Hydraulic Hydra-Clean

Part Number	Pump Package	Max. Working Pressure†	Max. Stall Pressure	Max. Hydraulic Inlet Pressure	Hydraulic Flow Required	Fluid Flow at 60 CPM	Hydraulic Inlet Size	Hydraulic Outlet Size	Fluid Inlet Size	Fluid Outlet Size
24V616	3000H Cart	206.7 bar (3,000 psi)	241 bar (3,500 psi)	131 bar (1,900 psi)	45.4 lpm (12 gpm)	25.9 lpm (6.8 gpm)	3/4" JIC	3/4" JIC	1 in	3/8 in
24W474**	3000H Cart	206.7 bar (3,000 psi)	241 bar (3,500 psi)	131 bar (1,900 psi)	45.4 lpm (12 gpm)	25.9 lpm (6.8 gpm)	3/4" JIC	3/4" JIC	1 in	3/8 in
24V628	3000H Wall	206.7 bar (3,000 psi)	241 bar (3,500 psi)	131 bar (1,900 psi)	45.4 lpm (12 gpm)	25.9 lpm (6.8 gpm)	3/4" JIC	3/4" JIC	1 in	3/8 in
24V617	4300H Cart	296.3 bar (4,300 PSI)	344 bar (5,000 psi)	131 bar (1,900 psi)	68.1 lpm (18 gpm)	34.7 lpm (9.2 gpm)	3/4" JIC	3/4" JIC	1 in	3/8 in
24V629	4300H Wall	296.3 bar (4,300 PSI)	344 bar (5,000 psi)	131 bar (1,900 psi)	68.1 lpm (18 gpm)	34.7 lpm (9.2 gpm)	3/4" JIC	3/4" JIC	1 in	3/8 in

**Hose Reel is included with cart mount package 24W474

†Maximum fluid pressure when spraying with available Graco spray tips. Smaller tips or stalled conditions result in higher pressure.

Accessories

GUNS AND WANDS

- 15T282** Optional replacement SST spray gun
15T279 81 cm (32 in) SST wand
15T280 25 cm (10 in) SST wand

- 247880** Gun SST quick disconnect connections
25A043 Fluoroelastomer (FKM) o-ring kit for gun
 For use with aggressive cleaning chemicals

SPRAY TIPS



- A 198013** Oscillating Spray Tip
 3.8 mm (0.149 in),
 344 bar (5,000 psi) maximum pressure
- B 198012** Rotating Spray Tip
 3.8 mm (0.149 in),
 275 bar (4,000 psi) maximum pressure
- C 198014** Rotating Spray Tip
 4.0 mm (0.156 in),
 344 bar (5,000 psi) maximum pressure

Part Number	Orifice Size	Fan Width (0.03 MPa - 40 psi)
805534	0.51 mm (0.020")	40°
805538	0.76 mm (0.030")	40°
805542	0.89 mm (0.035")	40°
805549	1.14 mm (0.045")	25°
805561	1.52 mm (0.060")	25°
805562	1.52 mm (0.060")	40°
805566	1.65 mm (0.065")	40°
805569	1.78 mm (0.070")	25°
805458	1.91 mm (0.075")	40°
805575	2.03 mm (0.080")	0°
805587	2.54 mm (0.100")	0°
103921	1.60 mm (0.065")	40°

Other orifice sizes and fan widths are available from Graco.
 Contact a sales representative for more information.

OTHER

- 191635** 10 mesh inlet strainer with 1 in npt(f) connection
15T272 Quick Coupling
 For adding a second hose with gun to the outlet of the pump
- E 24W471** Hose Reel Kit
 344 bar (5,000 psi) maximum pressure
- F 17C690** Foaming Attachment
 344 bar (5,000 psi) maximum pressure
- G 17A074** Pulsation Dampener, Forged Steel, 3/4" BSP(M),
 327.3 bar (4,750 psi) maximum pressure
- 24X732** Pulsation Dampener, Stainless Steel, 1" BSP(M),
 206.7 bar (3,000 psi) maximum pressure (not pictured)
- H 24W670** Chemical Injector Kit
 310 bar (4,500 psi) maximum pressure

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All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.

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