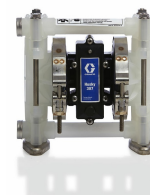


Product group: **422** Product number: **604918**

Designed to operate at low air pressure while delivering a smooth, reliable flow. Model 307 pumps are ideal for transferring a wide variety of fluids.

## Product information

This pump is designed to operate at low air pressure while delivering a smooth, reliable flow. Model 307 pumps are ideal for transferring a wide variety of fluids. The air motor body is constructed of polypropylene and stainless steel to resist external corrosion. This polypropylene wetted construction model is with Teflon diaphragms and ball checks, suitable for most chemicals including acids and caustic fluids.



### Typical applications

Sampling and testing  
 Drum transfer for fluids up to 1000 centipoise  
 Circulation of low viscosity inks, detergents and chemicals  
 Fluid circulation and evacuation  
 Waste fluid removal  
 On-demand batch chemical metering  
 Low viscosity adhesive supply  
 Consistent low pressure process fluid supply

### Typical fluids handled by this pump:

Acids: Hydrochloric Sulphuric, Phosphoric  
 Bleach: Sodium Hypochlorite (<12%)  
 Base: Sodium Hydroxide, Ammonia, Hydrogen peroxide, Potassium hydroxide

### Features

- Easy maintenance
- Fluid compatibility
- Unique, patented air valves
- Precision-fitted parts

### Benefits

- Quick priming and immediate flow of product
- Handles fluid viscosities up to 5000 cps and solids up to 0.09 in (2.29 mm)
- Excellent for abrasive, low-to-medium viscosity fluids and shear sensitive materials

## Specification

### General

Invent Hazard Material (IMO/EU) classification	NA
--	----

### Dimensions/Weight

Height [mm]	206
Length	203
Pumpable solid size [mm]	1.6 maximum
Suction height	3.7
Weight [kg]	2.2
Width [mm]	135

### Technical data

Air consumption [m <sup>3</sup> /min]	0,156 maximum
Air inlet connection [inch]	1/4 NPT
Air pressure [bar]	1.4 - 7 working range
Fluid inlet connection [inch]	3/8 NPT
Operating fluid pressure [bar]	7 maximum
Operating temperature [°C]	4,4 - 65,5 range
Suction lift [m]	3.7 maximum

### Performance data

Flow capacity [l/min]	24.6 maximum
Pump Speed [cpm]	330 maximum

## Documents

[SDoC and MD for IHM](#)

## Related products

### Accessories

**191874**

20 UPM PLUG 1/4" MALE BSP.T

**671750**

AIR HOSE 3/8", RUBBER (50 MTR. COIL)

**607832**

FLUID SECTION REPAIR KIT F/MOD. 307

**607833**

AIR VALVE KIT

**607830**

STAINLESS NIPPLE F/307

**191684**

30 USH SOCKET 3/8" HOSE

**Is frequently bought together with**

**905034**

OXYGEN O-40 FILLING

**905026**

ACETYLENE A-40 FILLING

**752154**

REFRIGERATION HANDY TOOLS CASE

**652522**

REFRIGERANT RECOVERY PACKAGE F/220V

**607439**

SAFETY SHOVEL

**This page is printed from:**

<https://www.wilhelmsen.com/product-catalogue/products/pumps/pumps/double-diaphragm-pumps/double-diaphragm-pump-307-poly/>