

# Fluid Evacuation & Dispensing Equipment

## Fluid Evacuators

Mityvac fluid evacuators are ideal for removing fluids from small tanks and reservoirs. These units are lightweight and portable and include integrated reservoirs with capacities ranging from 1.9 qt. (1.8 l) to 2.3 gal. (8.8 l). Applications include evacuating engine oil, coolants, transaxle grease and power steering, transmission and brake fluid from automobiles, motorcycles, small engines, boat motors, RVs, ATVs and machinery.

### MV7430 Mini Fluid Evacuator

Operates on compressed air to create a powerful venturi vacuum for quickly evacuating small reservoirs. The lid unthreads for convenient emptying, and the evacuation hose is perfect for getting into those hard-to-reach places.

#### Features:

- Compressed air operation
- Integrated 1.9 qt. (1.8 l) capacity reservoir
- Variable control thumb throttle
- Swivel air inlet
- Quiet, muffled exhaust
- Automatic overflow prevention

#### Includes:

- Fluid evacuator
- 4 ft (1.2 m) fluid evacuation hose
- Molded base with screws for bench mounting
- Hanging hook
- User manual (English/French/Spanish/German)

#### Specifications:

Reservoir capacity:	1.9 qt. (1.8 l)
Working pressure:	60 to 150 psi (4.1 to 10.3 bar)
Vacuum @ 90 psi (6.2 bar):	26 in. Hg (88 kPa)
Air consumption @ 90 psi (6.2 bar):	4.3 cfm (2.0 l/s)
Flow rate:	@ 60 psi (4.1 bar): 50 oz/min (1460 ml/min) @ 90 psi (6.2 bar): 70 oz/min (2100 ml/min) @ 150 psi (10.3 bar): 70 oz/min (2100 ml/min)
Inlet thread size:	¼ in. NPT
Packaged weight:	4.8 lbs. (2.2 kg)
Size (tall x dia.):	9 x 6.5 in. (230 x 150 mm)



MV7430

### MV7300 PneumatiVac

Operates on compressed air to create a powerful venturi vacuum for draining fluids from tanks and reservoirs. Compressed air hose attaches at base for stability. Includes accessories for draining engine oil or transmission fluid directly through the dipstick tubes. Also includes brake/clutch bleeding kit (Model MVA7205) for vacuum bleeding hydraulic brake and clutch systems.

#### Features:

- Operates on compressed air
- Integrated 2.3 gal. (8.8 l) capacity reservoir
- Large base with foot stabilizer
- Durable, chemical-resistant polyethylene construction
- Independent air shut-off valve
- Quiet, muffled exhaust
- Automatic overflow prevention
- Quick-drain pour spout

#### Includes:

- Fluid evacuator
- 0.23 in. OD x 5 ft. long (5.7 mm OD x 1.5 m long) dipstick tube
- 0.26 in. OD x 5 ft. long (6.6 mm OD x 1.5 m long) dipstick tube
- 0.41 in. OD x 5 ft. long (10 mm OD x 1.5 m long) main evacuation tube
- Brake/clutch bleeding adapter kit (Model MVA7205)
- Tube adapters
- User manual (English/French/Spanish)

#### Specifications:

Reservoir capacity:	2.3 gal. (8.8 l)
Max. operating temp.:	175°F (80°C)
Compressed air inlet size:	¼ in. NPT
Packaged weight:	7.5 lbs. (3.4 kg)
Size (tall x wide x deep):	24 x 12.4 x 9.3 in. (610 x 315 x 235 mm)



MV7300

# Fluid Evacuation & Dispensing Equipment

## MV7400 Fluid Evacuator

Vacuum is created quickly and efficiently by manual pump operation, offering superior mobility by eliminating the need for electricity or compressed air. The MV7400 is ideal for draining fluids from reservoirs on boats, RVs, ATVs, snowmobiles, farm equipment or motorcycles. Includes accessories for draining engine oil or transmission fluid directly through the dipstick tubes.

### Features:

- Convenient manual pump operation
- Integrated 1.9 gal. (7.3 l) capacity reservoir
- Large base with foot stabilizer
- Durable, chemical-resistant polyethylene construction
- Automatic overflow prevention
- Quick-drain pour spout

### Includes:

- Fluid evacuator
- 0.23 in. OD x 5 ft. long (5.7 mm OD x 1.5 m long) dipstick tube
- 0.26 in. OD x 5 ft. long (6.6 mm OD x 1.5 m long) dipstick tube
- 0.41 in. OD x 5 ft. long (10 mm OD x 1.5 m long) main evacuation tube
- Tube adapters
- User manual (English/French/Spanish)

### Specifications:

Reservoir capacity:	1.9 gal. (7.3 l)
Max. operating temperature:	175°F (80°C)
Packaged weight:	7.5 lbs. (3.4 kg)
Size (tall x dia.):	25 x 7.5 in. (635 x 190 mm)

MV7400



## MV7201 Fluid Evacuator Plus

At the push of a button, this versatile unit changes from vacuum to pressure for evacuating or dispensing fluids. This functionality makes it ideal for draining tanks or reservoirs then pumping the used fluid back out for easy disposal. Multiple units work great—simply evacuate used fluids with one unit and then quickly refill with new fluid from a second. For superior mobility, the MV7201 utilizes a manual pump, so compressed air or electricity is not required. Accessories are included for draining engine oil or transmission fluid directly through the dipstick tubes.

### Features:

- Evacuates or dispenses at the push of a button
- Convenient manual pump operation
- Integrated 2.3 gal. (8.8 l) capacity reservoir
- Large base with foot stabilizer
- Durable, chemical-resistant polyethylene construction
- Automatic overflow prevention
- Quick-drain pour spout

### Includes:

- Fluid evacuator/dispenser
- 0.23 in. OD x 5 ft. long (5.7 mm OD x 1.5 m long) dipstick tube
- 0.26 in. OD x 5 ft. long (6.6 mm OD x 1.5 m long) dipstick tube
- 0.41 in. OD x 5 ft. long (10 mm OD x 1.5 m long) main evacuation tube
- Tube adapters
- User manual (English/French/Spanish)

### Specifications:

Reservoir capacity:	2.3 gal. (8.8 l)
Max. operating temperature:	175°F (80°C)
Packaged weight:	10.0 lbs. (4.5 kg)
Size (tall x wide x deep):	24 x 12.4 x 9.3 in. (610 x 315 x 235 mm)

MV7201



# Fluid Evacuation & Dispensing Equipment

## Fluid Dispensers

Mityvac low-volume, low-pressure fluid dispensers offer a clean and convenient means of filling or topping-off of automatic transmissions, radiators/coolant reservoirs, differentials, and power steering and master cylinder reservoirs. They offer a 1.2 gal. reservoir with many built-in features including a dual safety/manual pressure relief valve, pressure gauge, safety shut-off valves and a heavy-duty pressure pump integrated into the lid.

### MV6400 1-Gallon Fluid Dispensing System

The MV6400 is designed for topping-off fluid reservoirs including master cylinders, gear boxes, transmissions, power steering reservoirs, etc. Its convenient size and 5 ft. long hose with dispensing wand and flow control valve make it ideal for accessing hard-to-reach reservoirs and fill plugs. For transmission refill and pressure bleeding applications, the MV6400 is compatible with a wide selection of Mityvac ATF and pressure bleed adapters. See pages 15 and 22 for compatible ATF and pressure bleed adapters.

#### Features:

- Large 1.2 gal. (5 l) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Integrated manual pump adds air above the fluid level to prevent aeration
- Internal pump components are sealed against exposure to fluids
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections
- Pressure gauge indicates fluid dispensing pressure

- Integrated safety and manual pressure relief valve

#### Includes:

- 1.2 gal. (5 l) fluid reservoir
- Reservoir lid with integrated manual pump, pressure gauge, and pressure relief valve
- 5 ft. fluid dispensing hose with flow control and auto-shutoff valves
- Fluid dispensing wand
- Hanging hook
- User's manual



MV6400

#### Specifications:

Reservoir capacity:	1.2 gal. (5 l)
Max. pressure:	20 psi (1.4 bar)
Packaged weight:	7.5 lbs. (3.4 kg)
Packaged size (wide x deep x tall):	7.5 x 8.0 x 15.6 in. (190 x 205 x 396 mm)

### MV6410 1-Gallon ATF Refill System

The MV6410 combines the new Fluid Dispenser with our popular ATF refill adapter kit to provide a complete system for servicing today's sealed automatic transmissions. The dispenser allows the operator to fill or top-off transmissions with up to 1 gal. of fluid between refills, while the pressurized operation frees the operator from continual pumping.

#### Features:

- Includes ten (10) adapters to connect to Ford, Toyota, BMW, Honda, Nissan, VW, Audi, Mercedes, and Volvo transmissions
- Large 1.2 gal. (5 l) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Integrated manual pump adds air above the fluid level to prevent aeration
- Internal pump components are sealed against exposure to fluids
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections
- Pressure gauge indicates fluid dispensing pressure
- Integrated safety and manual pressure relief valve
- Includes custom-molded storage case for adapters

#### Includes:

- 1.2 gal. (5 l) fluid reservoir
- Reservoir lid with integrated manual pump, pressure gauge, and pressure relief valve
- 5 ft. fluid dispensing hose with flow control and auto-shutoff valves
- MVA5800 ATF refill adapter kit (includes ten adapters, models MVA580 – MVA589)
- Fluid dispensing wand
- Hanging hook
- User's manual

#### Specifications:

Reservoir capacity:	1.2 gal. (5 l)
Max. pressure:	20 psi (1.4 bar)
Packaged weight:	7.5 lbs. (3.4 kg)
Packaged size (wide x deep x tall):	7.5 x 8.0 x 15.6 in. (190 x 205 x 396 mm)



MV6410

# Fluid Evacuation & Dispensing Equipment

## MV6412 2.5-Gallon ATF Refill System

The MV6412 combines the new fluid dispenser with our popular ATF refill adapter kit to provide a complete system for servicing today's sealed automatic transmissions. The dispenser allows the operator to fill or top-off transmissions with up to 2.5 gal. of fluid between refills, while the pressurized operation frees the operator from continual pumping.

### Features:

- Includes ten (10) adapters to connect to Ford, Toyota, BMW, Honda, Nissan, VW, Audi, Mercedes, and Volvo transmissions
- Large 2.5 gal. (10 l) fluid capacity
- Fluid is dispensed under pressure for smooth continual flow
- Integrated manual pump adds air above the fluid level to prevent aeration
- Internal pump components are sealed against exposure to fluids
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections
- Pressure gauge indicates fluid dispensing pressure
- Integrated safety and manual pressure relief valve
- Includes custom-molded storage case for adapters

### Includes:

- 2.5 gal. (10 l) fluid reservoir
- Reservoir lid with integrated manual pump, pressure gauge, and pressure relief valve
- 5 ft. fluid dispensing hose with flow control and auto-shutoff valves
- MVA5800 ATF refill adapter kit (includes ten adapters, models MVA580 – MVA589)
- Fluid dispensing wand
- Hanging hook
- User's manual



MV6412

### Specifications:

Reservoir capacity:	2.5 gal. (10 l)
Max. pressure:	20 psi (1.4 bar)
Packaged weight:	8 lbs. (3.6 kg)
Packaged size (wide x deep x tall):	8.5 x 12.3 x 22.2 in. (215 x 310 x 565 mm)

# Fluid Evacuation & Dispensing Accessories

## MVA7216 ATF Refill Kit

Converts the MV7201 Fluid Evacuator Plus into a convenient system for refilling or topping-off sealed automatic transmissions. The kit includes a connection hose that easily snaps into a fitting on top of the MV7201 and ten adapters custom designed to connect to today's sealed "lifetime" automatic transmissions. See chart below for a complete list of adapters and their applications.

### Features:

- Quickly converts the Mityvac MV7201 Fluid Evacuator Plus into a professional tool for refilling sealed automatic transmissions
- Brass ball valve allows independent control of fluid flow to the transmission
- Push-to-connect style quick-change coupler quickly secures and releases refill adapter and has built-in shutoff valve
- Includes ten (10) ATF refill adapters for servicing Ford, Toyota, Volkswagen, Audi, Volvo, BMW, Honda, Nissan, and Mercedes transmissions
- All components packaged in custom-molded case

### Includes:

- Connection hose with flow control valve and quick-change coupler (MVA7210)
- Ten ATF refill adapters (models MVA580 to MVA589)

### Specifications:

Packaged weight:	3.8 lbs. (1.7 kg)
Packaged size (wide x deep x tall):	12.5 x 8.4 x 2.7 in. (320 x 215 x 70 mm)



MVA7216

## MVA5800 ATF Refill Kit

Contains ten adapters for servicing Ford, Toyota, Volkswagen, Audi, Volvo, BMW, Honda, Nissan, and Mercedes sealed (lifetime) automatic transmissions (see adapter chart below). This kit is included with the Mityvac MV6410 ATF Refill System (page 13) and is the same as MVA7216 without the connection hose. Includes custom-molded case.

### Specifications:

Packaged weight:	3.2 lbs. (1.5 kg)
Packaged size (wide x deep x tall):	12.5 x 8.4 x 2.7 in. (318 x 215 x 70 mm)



MVA5800

## ATF Refill Adapters

Some automotive manufacturers have eliminated the automatic transmission dipstick tube from many of their new models. In these cases, specially designed adapters are required to refill or top-off the transmission when the fluid level is low or following repairs. For this purpose, Mityvac offers the following adapters. Each is available for separate purchase or in kits MVA7216, MVA5800 or MV6410.

Part No	Description	Thread	Application(s)
MVA580	Ford ATF refill adapter	1/8 in. NPT	Ford
MVA581	Toyota ATF refill adapter	18 x 1.5	Toyota
MVA582	Angled ATF refill adapter	NA	BMW, Honda, Nissan
MVA583	VW ATF refill adapter, short		Volkswagen
MVA584	VW ATF refill adapter, long		Volkswagen
MVA585	VW ATF refill adapter	10 x 1.0	Volkswagen
MVA586	VW/Audi ATF refill adapter	24 x 1.5	VW, Audi with DSG transmission
MVA587	Audi ATF refill adapter	22 x 1.5	Audi with CVT transmission
MVA588	Mercedes ATF refill adapter	12 x 1.5	Mercedes with 722.9 transmission
MVA589	Volvo ATF refill adapter	5/16 in.-24 UNF	Volvo
MVA7210	ATF refill hose	NA	NA
MVA7212	ATF refill hose with Ford adapter	1/8 in. NPT	Ford
MVA7214	ATF refill hose with Toyota adapter	NA	Toyota



MVA7210

MVA7212

MVA7214

# Fluid Evacuation & Dispensing Accessories



MVA570

## MVA570 Fluid Dispensing Wand

1 ft. (0.3 m) fluid dispensing wand and two cap/plugs for use in 1/4 to 3/8" holes. Wand connects into quick connect on end of hoses for Mityvac fluid dispensing systems MV6400, MV6410, MV6412, MV6840, and MV6844.

### Specifications:

Packaged weight:	16 oz. (454 g)
Packaged size (wide x deep x tall):	14.5 x 3.5 x 0.675 in. (368 x 88.9 x 17.14 mm)



MVA7205

## MVA7205 Brake Bleed Conversion Kit

The MVA7205 quickly connects to Mityvac models MV7400, MV7300 or MV7201 fluid evacuators, converting them into one-person vacuum brake or hydraulic clutch bleeders. The kit contains a vacuum bleed tube with brass ball valve, universal bleed screw adapter and adapter for connecting to the evacuator.

### Specifications:

Packaged weight:	9.3 oz (265 g)
Packaged size (wide x deep x tall):	8 x 12 x 1½ in. (150 x 305 x 65 mm)



MVM9000

## MVM9000 Evacuator Service Kit

Contains the most common service parts for models MV7300, MV7400 and MV7201.

### Kit includes:

- Lid screw and lock nut (6 each)
- Lid gasket
- Main tube connector (MV7201 only)



MVA6006

## MVA6006 Extended Tube Kit

Extends the reach of Mityvac fluid evacuators models MV7400, MV7300 and MV7201 by up to 6 ft. (1.8 m). The kit contains a main evacuation tube, two smaller diameter tubes for extending into dipstick tubes and tube connectors. Each tube is 3 ft. (0.9 m) longer than standard, making it convenient for evacuating fluids from taller vehicles such as SUVs and full size trucks.

### Kit includes:

- 0.23 in. OD x 8 ft. long (5.7 mm OD x 2.4 m long) dipstick tube with connector
- 0.26 in. OD x 8 ft. long (6.6 mm OD x 2.4 m long) dipstick tube with connector
- 0.41 in. OD x 8 ft. long (10 mm OD x 2.4 m long) main evacuation tube with connector

### Specifications:

Packaged weight:	12.8 oz (365 g)
Carton size (wide x deep x tall):	13 x 13 x 2 in. (330 x 330 x 50 mm)

## Fluid Evacuation & Dispensing Accessories

### MVA571 Fluid Storage Lid

Fluid storage lid fits the MV6400 series fluid dispenser reservoir.

**Specifications:**

Packaged weight:	.5 lb (.2 kg)
Packaged size (wide x deep x tall):	5.0 x 5.0 x 4.5 in. (130 x 330 x 50 mm)



MVA571

### MV6400 Series Reservoirs

Mityvac offers 1.2-, 2.5- and 5 gal. (5-, 10- and 20 l) reservoirs for fluid storage or for increasing the capacity of models MV6400 and MV6410. Each reservoir includes a lid and fluid pickup tube with quick-change coupler for connecting MV6400 and MV6410 accessories.

Part No.	Capacity
MVA576	1.2 gal. (5 l)
MVA572	2.6 gal. (10 l)
MVA573	5.3 gal. (20 l)



MVA576

MVA572

MVA573