

Mityvac®

Fluid Evacuation & Dispensing Equipment

www.mityvac.com

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 quarts (1.8 liters) to 2.3 gallons (8.8 liters). 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 quart (1.8 liter) 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 w/ screws for bench mounting
- Hanging hook
- User manual (English/French/Spanish/German)



MV7430

Specifications:

| | |
|-------------------------------------|--|
| Reservoir Capacity: | 1.9 quarts (1.8 liters) |
| Working Pressure: | 60 – 150 psi (4.1 – 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" NPT |
| Packaged Weight: | 4.8 lbs (2.2 kg) |
| Size: | 9" tall x 6.5" dia. (230 mm tall x 150 mm dia.) |

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 No. MVA7205) for vacuum bleeding hydraulic brake and clutch systems.

Features:

- Operates on compressed air
- Integrated 2.3 gallon (8.8 liter) 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" OD x 5' long (5.7 mm OD x 1.5 m long) dipstick tube
- 0.26" OD x 5' long (6.6 mm OD x 1.5 m long) dipstick tube
- 0.41" OD x 5' long (10 mm OD x 1.5 m long) main evacuation tube
- Brake/clutch bleeding adapter kit (Model No. MVA7205)
- Tube adapters
- User manual (English/French/Spanish)



MV7300

Specifications:

| | |
|----------------------------|--|
| Reservoir Capacity: | 2.3 gallons (8.8 liters) |
| Max. Operating Temp.: | 175°F (80°C) |
| Compressed Air Inlet Size: | ¼" NPT |
| Packaged Weight: | 7.5 lbs (3.4 kg) |
| Size: | 24" tall x 12.4" wide x 9.3" deep (610 mm tall x 315 mm wide x 235 mm deep) |

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 gallon (7.3 liter) capacity reservoir
- Large base w/ foot stabilizer
- Durable, chemical-resistant polyethylene construction
- Automatic overflow prevention
- Quick-drain pour spout

Includes:

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

Specifications:

| | |
|-----------------------------|--|
| Reservoir Capacity: | 1.9 gallons (7.3 liters) |
| Max. Operating Temperature: | 175°F (80°C) |
| Packaged Weight: | 7.5 lbs (3.4 kg) |
| Size: | 25" tall x 7.5" dia. (635 mm tall x 190 mm dia.) |



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 gallon (8.8 liter) 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" OD x 5' long (5.7 mm OD x 1.5 m long) dipstick tube
- 0.26" OD x 5' long (6.6 mm OD x 1.5 m long) dipstick tube
- 0.41" OD x 5' long (10 mm OD x 1.5 m long) main evacuation tube
- Tube adapters
- User manual (English/French/Spanish)

Specifications:

| | |
|-----------------------------|---|
| Reservoir Capacity: | 2.3 gallons (8.8 liters) |
| Max. Operating Temperature: | 175°F (80°C) |
| Packaged Weight: | 10.0 lbs (4.5 kg) |
| Size: | 24" tall x 12.4" wide x 9.3" deep (610 mm tall x 315 mm wide x 235 mm deep) |



MV7201

Mityvac®

Fluid Evacuation & Dispensing Equipment

www.mityvac.com

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-gallon 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 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' 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 14 and 20 for compatible ATF and pressure bleed adapters.

Features:

- Large 1.2-gallon (5-liter) 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-gallon (5-liter) Fluid Reservoir
- Reservoir Lid w/ integrated manual pump, pressure gauge, and pressure relief valve
- 5' Fluid Dispensing Hose w/ flow control and auto-shutoff valves
- MVA5800 ATF Refill Adapter Kit (includes ten adapters, part nos. MVA580 – MVA589)
- Fluid Dispensing Wand
- Hanging Hook
- User's Manual



MV6400

Specifications:

| | |
|---------------------|---|
| Reservoir Capacity: | 1.2 gallons (5 liters) |
| Max. Pressure: | 20 psi (1.4 bar) |
| Packaged Weight: | 7.5 lbs (3.4 kg) |
| Packaged Size: | 7.5" wide x 8.0" deep x 15.6" tall (190 mm wide x 205 mm deep x 396 mm tall) |

MV6410 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-gallon of fluid during 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-gallon (5-liter) 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-gallon (5-liter) Fluid Reservoir
- Reservoir Lid w/ integrated manual pump, pressure gauge, and pressure relief valve
- 5' Fluid Dispensing Hose w/ flow control and auto-shutoff valves
- Fluid Dispensing Wand
- Hanging Hook
- User's Manual

Specifications:

| | |
|---------------------|---|
| Reservoir Capacity: | 1.2 gallons (5 liters) |
| Max. Pressure: | 20 psi (1.4 bar) |
| Packaged Weight: | 7.5 lbs (3.4 kg) |
| Packaged Size: | 7.5" wide x 8.0" deep x 15.6" tall (190 mm wide x 205 mm deep x 396 mm tall) |



MV6410

Fluid Evacuation & Dispensing Accessories



MVA7216



MVA580



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 (part numbers MVA580 - MVA589)

Specifications:

| | |
|------------------|--|
| Packaged Weight: | 3.8 lbs (1.7 kg) |
| Packaged Size: | 12.5" wide x 8.4" deep x 2.7" tall (320 mm wide x 215 mm deep x 70 mm tall) |

MVA580 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: | 12.5" wide x 8.4" deep x 2.7" tall (318 mm wide x 215 mm deep x 70 mm tall) |

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" NPT | Ford |
| MVA581 | Toyota ATF Refill Adapter | NA | Toyota |
| MVA582 | Angled ATF Refill Adapter | | 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 w/ DSG Transmission |
| MVA587 | Audi ATF Refill Adapter | 22 x 1.5 | Audi w/ CVT Transmission |
| MVA588 | Mercedes ATF Refill Adapter | 12 x 1.5 | Mercedes w/ 722.9 Transmission |
| MVA589 | Volvo ATF Refill Adapter | 5/16"-24 UNF | Volvo |
| MVA7210 | ATF Refill Hose | NA | NA |
| MVA7212 | ATF Refill Hose with Ford Adapter | 1/8" NPT | Ford |
| MVA7214 | ATF Refill Hose with Toyota Adapter | NA | Toyota |

mityvac®

Fluid Evacuation & Dispensing Accessories

www.mityvac.com

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: | 8" wide x 12" deep x 1½" tall (150 mm wide x 305 mm deep x 65 mm tall) |



MVA7205

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)



MVM9000

MVA6006 Extended Tube Kit

Extends the reach of Mityvac fluid evacuators models MV7400, MV7300 and MV7201 by up to 6' (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' (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" OD x 8' long (5.7 mm OD x 2.4 m long) dipstick tube with connector
- 0.26" OD x 8' long (6.6 mm OD x 2.4 m long) dipstick tube with connector
- 0.41" OD x 8' long (10 mm OD x 2.4 m long) main evacuation tube with connector

Specifications:

| | |
|------------------|---|
| Packaged Weight: | 12.8 oz (365 g) |
| Carton Size: | 13" wide x 13" deep x 2" tall (330 mm wide x 330 mm deep x 50 mm tall) |



MVA6006

MVA571 Fluid Storage Lid

Fluid storage lid fits the MV6400 series fluid dispenser reservoir.

Specifications:

| | |
|------------------|--|
| Packaged Weight: | .5 lb (.2 kg) |
| Packaged Size: | 5.0" wide x 5.0" deep x 4.5" tall (130 mm x 330 mm x 50 mm) |



MVA571

MV6400 Series Reservoirs

Mityvac offers 1.2-, 2.5- and 5-gallon (5-, 10- and 20-liter) 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 gallon (5 liter) |
| MVA572 | 2.6 gallon (10 liter) |
| MVA573 | 5.3 gallon (20 liter) |



MVA576

MVA572

MVA573

Fluid Evacuation & Dispensing Accessories



MVA6825

MVA6825 Master Cylinder Refill Kit

Eliminates the need to repeatedly top-off the brake master cylinder or clutch slave cylinder while vacuum bleeding. Fluid level is automatically maintained, preventing air from being reintroduced into brake and clutch lines. The kit adapts to standard 12 oz and 32 oz brake fluid bottles, eliminating the mess and hassle of transferring fluid into a reservoir and maintaining brake fluid integrity.

Kit includes:

- 12 oz Bottle adapter
- 32 oz Bottle adapter
- 3" (75 mm) diameter master cylinder plate
- 6" (150 mm) diameter master cylinder plate
- 4" x 8" (100 mm x 200 mm) dual chamber master cylinder plate
- Instruction sheet

Specifications:

Weight: 4.7 oz / 135 g

MVA6832 Clamp-on Auto-refill Kit

MVA6832 uses gravity to automatically refill the master cylinder during vacuum or manual hydraulic brake or clutch bleeding/flushing. It includes a 40 oz (1.2 l) reservoir that mounts on top of the master cylinder and clamps securely to the wall. As old brake fluid is bled from the hydraulic system through the bleed screws, new fluid flows automatically from the reservoir to replenish the master cylinder.

Features:

- Large 40 oz (1.2 l) reservoir holds enough fluid for an entire flush
- On/Off valve controls the flow of fluid from the reservoir
- Fluid level control maintains the correct level of fluid in the master cylinder
- Conveniently adapts for use with standard 12 oz (355 ml) and 32 oz (946 ml) brake fluid bottles
- Universal top-mount design fits most types of master cylinders

Includes:

- 40 oz (1.2 l) fluid reservoir with transfer and storage lid
- Base with screw clamp
- Transfer tube with valve
- Level adjustment spring
- 12 oz (355 ml) bottle adapter
- 32 oz (946 ml) bottle adapter
- User manual (English/French/Spanish/German)



MVA6832

Specifications:

Reservoir Capacity: 40 oz (1.2 liters)

Packaged Weight: 13.4 oz (0.38 kg)

Packaged Size: 6.5" wide x 5.0" tall x 6.3" deep
(165 mm wide x 125 mm tall x 160 mm deep)

MVA6834 Plate-style Auto-refill Upgrade Kit

Upgrade your MVA6832 Clamp-on Auto-refill Kit with MVA6834, to create our Master Auto-refill Kit. The plates included with MVA6834 significantly expand the number of applications to include dual chamber and small neck master cylinders, as well as low clearance applications.

Features:

- Extends applications of MVA6832 Clamp-on Auto-refill Kit to include dual chamber and small neck master cylinders
- Refills master cylinder automatically using vacuum produced while brake bleeding
- Utilizes 40 oz (1.2 l) reservoir included with MVA6832 for bulk dispensing and multiple brake jobs
- Adapts for use with standard 12 oz (355 ml) and 32 oz (946 ml) bottles of brake fluid
- Plates are manufactured from durable composite material with foam underside to ensure an airtight seal with master cylinder
- Round and rectangular plates fit virtually every master cylinder

Includes:

- Rectangular dual chamber refill plate
- Round refill plate
- Adjustable length rubber cords
- Fluid transfer tubes with connectors
- Reservoir hanging hook
- User manual (English/French/Spanish/German)

Specifications:

Packaged Weight: 1.10 lb (0.50 kg)

Packaged Size: 8.5" wide x 7.0" tall x 4.5" deep
(210 mm wide x 180 mm tall x 115 mm deep)



MVA6834