Cooling System Service Equipment

Mityvac offers the most advanced cooling system test and refill equipment available. In addition to offering a professional pressure tester and AirEvac kit, Mityvac is the first to combine pressure, temperature, and vacuum testing and automatic refill into one kit. Only MV4525 is capable of performing all these tests and functions, replacing up to three different competitive kits. But even more important, it is the first tester designed for testing a vehicle with the engine on or off. Testing with the engine on provides real-time feedback of pressure, vacuum and temperature while the engine warms up through its normal operating cycle, providing the most accurate assessment on how the cooling system is functioning. Using this system, a technician can quickly and easily diagnose cooling system leaks, a blown head gasket, a cracked or damaged head or block, or a faulty thermostat, fan switch/relay, or coolant sensor.

To compliment our testers, Mityvac offers 29 custom designed adapters to fit the radiators, coolant bottles, and caps of virtually every make and model of US, Asian, and European manufactured car and light truck. All adapters are sold separately, and are also available in five cost saving kits.

MV4525® Cooling System Test & Refill Kit

The MV4525 is the most innovative, advanced automotive cooling system test kit ever designed. It is the first and only tester developed specifically to run complete cooling system diagnostics with the engine running and at normal operating temperature and pressure. New patent pending technology combines testing and monitoring of pressure, vacuum and temperature simultaneously, to provide real-time data far beyond the capabilities of a simple pressure tester. This combination of features ensures the most extensive, accurate cooling system diagnosis possible. See pages 39 and 40 for a complete list of available adapters and their applications as well as convenient, cost saving adapter kits. Visit mityvac.com to view a complete updated make/model/year application guide.

Applications:
• Pressure and/or vacuum test for leaks in automotive cooling systems
• Rapidly refill cooling systems without trapping air
• Check proper function of thermostat, cooling sensor, and cooling fan(s)
• Diagnose blown head gasket(s), cracked block, and cylinder head damage
• Cooling system cap pressure testing (additional adapters required)

Features:
• Patent pending coupler saves the expense of up to three separate kits by combining pressure, vacuum and temperature testing capabilities
• Tests cooling system with engine on or off to pinpoint leaks or diagnose blown head gaskets, cracked block, or damaged head(s).
• Refills cooling system in minutes without trapping air that can cause overheating
• Components connect using self-locking quick-disconnects for easy and time saving assembly and breakdown.
• Safety valves prevent discharge of pressure and/ or hot fluid in case of accidental disconnect
• Built-in valve allows the rapid, safe release of pressure and fluid without waiting for the system to cool
• Includes four adapters for connecting to the most common radiator and coolant bottle necks found on Domestic, Asian, and European automobiles.
• Additional adapters available for all makes and models of cars and light trucks
• Packaged in custom-molded case with space for additional adapters
• Molded adapter design provides a secure grip during installation or removal

Includes:
• Pressure pump
• 2.5 in. (64 mm) diameter diaphragm style compound gauge with hanging hook
• Venturi vacuum
• Valve coupler
• Temperature probe
• (2x) 30 in. (760 mm) extension hose
• 5 ft. (1.5 m) refill hose
• 5 ft. (1.5 m) ) drain hose
• Cap wrench
• Hose clip
• MVA100 cooling system adapter (US and foreign cars)
• MVA101 cooling system adapter (Asian cars)
• MVA102 cooling system adapter (Asian cars)
• MVA103 cooling system adapter (US and foreign cars)
• Custom molded case
• User manual (English, French, Spanish)
• Adapter selection guide (English, French, Spanish)

Specifications:

| Package Weight: 10.3 lbs. (4.7 kg) |
| Package Size: 20.6 x 18.3 x 4.3 in. (525 x 465 x 110 mm) |
| Maximum Pressure: 30 psi (200 kPa) |
| Maximum Temperature: 400°F (200°C) |
| Vacuum: 15 in. Hg (51 kPa) @ 60 psi (4.1 bar) inlet pressure |
| 24 in. Hg (81 kPa) @ 90 psi (6.2 bar) inlet pressure |
| 25 in. Hg (85 kPa) @ 120 psi (8.3 bar) inlet pressure |
| Air Inlet Size: ¼ in. NPT |

* WARNING California Proposition 65 Cancer and reproductive harm. www.P65Warnings.ca.gov
Cooling System Service Equipment

MV4535* Cooling System AirEvac Kit

The Mityvac MV4535 Cooling System AirEvac Kit refills automotive cooling systems in minutes without trapping air that can cause overheating. The kit combines a universal adapter with a compressed-air operated venturi vacuum to quickly eliminate trapped air by purging and refilling the cooling system under vacuum. Its new innovative design allows improved access into tight areas, and the patent pending valve coupler allows the operator to test the cooling system for leaks prior to refilling.

**Features:**
- Uses shop air to quickly evacuate an automobile’s cooling system for vacuum leak testing
- Refills cooling system in minutes without trapping air that can cause overheating
- Universal adapter forms an airtight seal with all radiator and coolant bottle necks. No custom adapters are required.
- Components connect using self-locking quick disconnects for easy and time saving assembly and breakdown.
- Packaged in custom-molded case

**Includes:**
- 2.5 in. (64 mm) diameter diaphragm style vacuum gauge with hanging hook
- Venturi vacuum
- Valve coupler
- Universal cooling system adapter
- (2x) 30 in. (760 mm) extension hose
- 5 ft. (1.5 m) refill hose
- Custom molded case
- User manual (English, French, Spanish)

**Specifications:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaged weight</td>
<td>5.0 lbs. (2.3 kg)</td>
</tr>
<tr>
<td>Packaged size</td>
<td>17.7 x 12.8 x 4.2 in. (450 x 325 x 107 mm)</td>
</tr>
<tr>
<td>Vacuum</td>
<td>15 in. Hg (51 kPa) @ 60 psi (4.1 bar) inlet pressure</td>
</tr>
<tr>
<td></td>
<td>24 in. Hg (81 kPa) @ 90 psi (6.2 bar) inlet pressure</td>
</tr>
<tr>
<td></td>
<td>25 in. Hg (81 kPa) @ 120 psi (8.3 bar) inlet pressure</td>
</tr>
<tr>
<td>Air Inlet Size</td>
<td>¼ in. NPT</td>
</tr>
</tbody>
</table>

*△ WARNING California Proposition 65: Cancer and reproductive harm.
www.P65Warnings.ca.gov
## MV4530* Cooling System Pressure Test Kit

The Mityvac MV4530 Cooling System Pressure Test Kit quickly reveals external cooling system leaks, and detects internal leaks caused by a blown head gasket, or cracked block or head. The kit comes complete with a high-quality pressure pump and four (4) adapters for connecting to the cooling systems of most US and Asian manufactured cars and light trucks. See pages 39 and 40 for a complete list of available adapters and their applications as well as convenient, cost saving adapter kits. Visit mityvac.com to view a complete updated make/model/year application guide.

**Applications:**
- Pressure testing for leaks in automotive cooling systems
- Cooling system cap pressure testing (additional adapters required)

**Features:**
- Hand operated pump builds pressure quickly to locate leaks in automotive cooling systems
- Includes four (4) adapters for connecting to the most common radiator and coolant bottle necks found on US Domestic, Asian automobiles
- Components connect using self-locking quick disconnects for easy and time saving assembly and breakdown
- Convenient push-button valve safely relieves pressure when testing is complete
- Additional adapters available for most all makes and models of cars and light trucks
- Adapters also available for testing cooling system caps
- Packaged in custom-molded case with space for two (2) additional adapters

**Includes:**
- Hand pressure pump with 2 ft. (610 mm) long hose and push-button pressure relief valve
- MVA100 cooling system adapter (US and foreign cars)
- MVA101 cooling system adapter (Asian cars)
- MVA102 cooling system adapter (Asian cars)
- MVA103 cooling system adapter (US and foreign cars)
- Cap wrench
- Custom molded case
- User Manual (English, French, Spanish)
- Adapter selection guide (English, French, Spanish)

**Specifications:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaged weight:</td>
<td>6.0 lbs. (2.7 kg)</td>
</tr>
<tr>
<td>Packaged size:</td>
<td>17.9 x 13.2 x 4.8 in. (455 x 335 x 122 mm)</td>
</tr>
<tr>
<td>Maximum pressure:</td>
<td>30 psi (200kPa)</td>
</tr>
</tbody>
</table>

## MV4529* Cooling System Pressure Tester

The Mityvac MV4529 Cooling System Pressure Tester quickly reveals external cooling system leaks, and detects internal leaks caused by a blown head gasket, or cracked block or head. The kit comes complete with a high-quality pressure pump and one (1) adapter for connecting to bayonet style radiator and coolant bottle necks found on many US and foreign manufactured automobiles. See pages 39 and 40 for a complete list of available adapters and their applications as well as convenient, cost saving adapter kits. Visit mityvac.com to view a complete updated make/model/year application guide.

**Applications:**
- Pressure testing for leaks in automotive cooling systems
- Cooling system cap pressure testing (additional adapters required)

**Features:**
- Hand operated pump builds pressure quickly to locate leaks in automotive cooling systems
- Includes adapter for connecting to bayonet style radiator and coolant bottle necks found on many US and foreign manufactured automobiles
- Connects directly to Stant-style adapters. No conversion adapter is required.
- Convenient push-button valve safely relieves pressure when testing is complete
- Additional adapters available for most all makes and models of cars and light trucks
- Adapters also available for testing cooling system caps
- Packaged in custom-molded case

**Includes:**
- Hand pressure pump with 2 ft. (610 mm) long hose and push-button pressure relief valve
- MVA100 cooling system adapter (US and foreign cars)
- Custom molded case
- User’s Manual (English, Spanish, French)

**Specifications:**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaged weight:</td>
<td>3.0 lbs. (1.4 kg)</td>
</tr>
<tr>
<td>Packaged size:</td>
<td>17.7 x 14.6 x 20.1 in. (450 x 370 x 510 mm)</td>
</tr>
</tbody>
</table>
To complement our testers, Mityvac offers a large selection of adapters to fit the radiators and coolant bottles of most makes and models of US, Asian, and European manufactured cars and light trucks. In addition, for each cooling system adapter, we offer an equivalent cap adapter for testing the function of the cooling system cap. The chart below provides a list of available adapters and a brief description of their applications. Visit mityvac.com to view a complete updated make/model/year application guide. The most popular adapters are available in our test kits MV4525, MV4530 and MV4529, but each is available for separate purchase or in special adapter kits shown on page 47.

### Radiators and Coolant Bottles with bayonet style neck

<table>
<thead>
<tr>
<th>Pressure Cap</th>
<th>System Adapter #</th>
<th>Cap Adapter #</th>
<th>Application(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MVA100*</td>
<td>MVA200</td>
<td>Original large bayonet style used on most early model autos. Still used on many applications through current year.</td>
</tr>
<tr>
<td></td>
<td>MVA101*</td>
<td>MVA201*</td>
<td>Small bayonet applications with 16 mm deep neck. Numerous applications including many Asian autos.</td>
</tr>
<tr>
<td></td>
<td>MVA102</td>
<td>MVA202*</td>
<td>Small bayonet applications with 9 mm deep neck. Numerous applications including many Asian autos.</td>
</tr>
</tbody>
</table>

*⚠️ WARNING California Proposition 65: Cancer and reproductive harm. www.P65Warnings.ca.gov

### Radiators and Coolant Bottles with internal threads on the neck

<table>
<thead>
<tr>
<th></th>
<th>System Adapter #</th>
<th>Cap Adapter #</th>
<th>Application(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MVA106</td>
<td>MVA206</td>
<td>Volkswagen models 1990-1998 with internal thread on coolant bottle.</td>
</tr>
<tr>
<td></td>
<td>MVA108*</td>
<td>MVA208</td>
<td>Volkswagen and Audi models 1998 and later with internal thread on coolant bottle.</td>
</tr>
<tr>
<td></td>
<td>MVA111</td>
<td>MVA211</td>
<td>Toyota MR2 Spyder and Celica 2000 and later.</td>
</tr>
</tbody>
</table>

*⚠️ WARNING California Proposition 65: Cancer and reproductive harm. www.P65Warnings.ca.gov

### Radiators and Coolant Bottles with external threads on the neck

<table>
<thead>
<tr>
<th></th>
<th>System Adapter #</th>
<th>Cap Adapter #</th>
<th>Application(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MVA103*</td>
<td>MVA203*</td>
<td>Numerous domestic applications especially GM beginning in early 1990s through current year. Also some Mercedes, Jaguar, and Ford.</td>
</tr>
<tr>
<td></td>
<td>MVA104</td>
<td>MVA204</td>
<td>Volkswagen and Audi models 1975 through 1993 with external thread on coolant bottle</td>
</tr>
<tr>
<td></td>
<td>MVA105*</td>
<td>MVA205</td>
<td>Peugeot 206/406, Volvo, Land Rover Freelander, Alfa Romeo 164, Renault, Mini, Jeep, Sterling, Saab with external thread on coolant bottle</td>
</tr>
<tr>
<td></td>
<td>MVA107*</td>
<td>MVA207</td>
<td>Porsche, Mercury, Saturn, Saab, Jaguar, Range Rover, Pontiac, Daewoo, Ford</td>
</tr>
<tr>
<td></td>
<td>MVA109</td>
<td>MVA209</td>
<td>Mercedes E-Class 1996 and later, Mercedes with external thread on coolant bottle (except M-Class), Chrysler Crossfire 2004 and later</td>
</tr>
<tr>
<td></td>
<td>MVA110</td>
<td>MVA210</td>
<td>Ford Focus and Escape, Jaguar XK8 and XJ8, Mazda Tribute</td>
</tr>
<tr>
<td></td>
<td>MVA112</td>
<td>MVA207</td>
<td>BMW through 1987, Merkur Scorpio 1987 through 1989</td>
</tr>
<tr>
<td></td>
<td>MVA113*</td>
<td>MVA213</td>
<td>BMW 1998 through 2002 with external thread on coolant bottle, Land Rover Range Rover 1995 through 1997</td>
</tr>
<tr>
<td></td>
<td>MVA114*</td>
<td>MVA214</td>
<td>Mazda 3</td>
</tr>
</tbody>
</table>

*⚠️ WARNING California Proposition 65: Cancer and reproductive harm. www.P65Warnings.ca.gov
Cooling System Service Equipment

All of our MVA100 series cooling system adapters and MVA200 series cooling system cap adapters listed on page 39 are available for separate purchase or in conveniently packaged kits. Kits MVA4610 thru MVA4650 listed below include a custom-molded case with space for up to eight adapters.

Cooling System Test Adapter Kits
The most popular of our MVA100 series cooling system test adapters are included with test kits MV4525, MV4530 and MV4529. Adapter kits MVA4620 and MVA4640 contain most of the others.

<table>
<thead>
<tr>
<th>MVA4620</th>
<th>MVA4640</th>
</tr>
</thead>
<tbody>
<tr>
<td>European CS Test Adapter Kit</td>
<td>Extended CS Test Adapter Kit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MVA100*</th>
<th>MV4529</th>
<th>MV4530</th>
<th>MVA4620*</th>
<th>MVA4640*</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA101*</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA102</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA103*</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA104</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>MVA105*</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>MVA106</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>MVA107*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA108*</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>MVA109</td>
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<tr>
<td>MVA110</td>
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<tr>
<td>MVA111</td>
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<tr>
<td>MVA112</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA113*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA114*</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

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Cooling System Cap Test Adapter Kits
All of our MVA200 series cooling system cap test adapters are available for separate purchase or in the convenient kits listed below.

<table>
<thead>
<tr>
<th>MVA200</th>
<th>MVA201*</th>
<th>MVA202*</th>
<th>MVA203*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA204</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA205</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA206</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA207</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>MVA208</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA209</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA210</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>MVA211</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>MVA213</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MVA214</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

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MVA360* Cooling System Test Hose
Allows Mityvac hand pressure pumps to be used with any of the MVA100 and MVA200 series cooling system test adapters to test automotive cooling systems and cooling system caps for leaks that can lead to overheating and severe engine damage.

Specifications:
Weight: 5.2 oz. (215 g)

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MV4560* Cooling System Pressure Test Kit

The Mityvac MV4560 Cooling System Pressure Test Kit makes automotive cooling system testing simple, efficient, and economical. It combines our unique hand pressure pump with four cooling system test adapters and two dual-function cap test adapters to quickly reveal external cooling system leaks and detect internal leaks and defective caps.

Features:
• Economical, accurate and simple method to find common causes of overheating
• Pinpoints external leaks caused by loose clamps or leaky hoses, connectors, water pumps or radiators
• Diagnoses internal leaks caused by a blown head gasket or damaged block or head
• Test radiator and coolant bottle caps to ensure they are maintaining the correct pressure
• Contains adapters to test the cooling system and caps of most US and Asian manufactured cars and light trucks, as well as many European vehicles

Includes:
• Mityvac Selectline hand pressure pump with 2 in. (50 mm) diameter gauge
• Small bayonet test adapter, deep
• Small bayonet test adapter, shallow
• Large bayonet test adapter
• GM/Ford test adapter
• Small bayonet cap test adapter
• Large Bayonet/GM/Ford cap test adapter
• Connection hose
• Compression nut
• User manual

Specifications:
Packaged weight: 2.5 lbs. (1.1 kg)
Packaged size (wide x deep x tall): 13.3 x 12 x 2.8 in.(335 x 305 x 70 mm)

MV4510 Motorcycle Cooling System Test Kit

The Mityvac MV4510 Motorcycle Cooling System Pressure Test Kit is specially designed for testing motorcycles and other recreational, sports, and utility vehicles with liquid cooled engines. It makes cooling system testing simple, efficient, and economical, and can quickly pinpoint the cause of cooling system related problems including external and internal leaks or defective caps.

Features:
• Economical, accurate and simple method to find common causes of overheating
• Pinpoints external leaks caused by loose clamps or leaky hoses, connectors, water pumps or radiators
• Diagnoses internal leaks caused by a blown head gasket or damaged block or head
• Test radiator and coolant bottle caps to ensure they are maintaining the correct pressure
• Specially designed low-profile test adapter fits into areas with tight or limited access, requiring less component disassembly

Includes:
• Mityvac Selectline hand pressure pump with 2 in. (50 mm) diameter gauge
• Low-profile bayonet test adapter
• Bayonet cap test adapter
• Connection hose
• Compression nut
• User manual

Specifications:
Packaged weight: 1.6 lbs. (0.7 kgs)
Packaged size (wide x deep x tall): 9.6 x 12.5 x 2.4 in. (245 x 320 x 60 mm)

mv4560
Cooling System Service Equipment

**MV4508** Universal Cooling System Adapter

The MV4508 Universal Cooling System Adapter is simple and quick to install in virtually any radiator or coolant reservoir neck. The rubber, step-and-cone design features a self-locking, nested cam* and internal restrictor* that combine to provide a secure, airtight seal with only a single rotation of the expansion knob. The unique adapter is fully self-contained -- no component change is required -- so there are no extra parts to maintain. Also, its compact size allows for convenient storage in a toolbox. The MV4508 is an economical alternative to application-specific adapters. It fits pressure pumps with a common radiator neck-style connection and replaces more than 20 individual adapters used to pressure test the cooling systems on cars, vans and light- and heavy-duty trucks.

*Patent pending feature

**Features:**

- Replaces more than 20 individual cooling system pressure test adapters for cars, vans, light- and heavy-duty trucks
- Patent-pending cam mechanism helps to ensure an air-tight seal with radiator and coolant bottle necks
- Compact one-piece design fits conveniently in tool box
- Compatible with Stant-style cooling system pressure pumps

**Includes:**

- Universal Radiator Test Adapter (1 piece)

**Specifications:**

| Packaged weight: | 0.60 lbs. (0.27 kg) |
| Packaged size:   | 2.6 x 2.4 x 6.7 in. (65 x 60 x 170 mm) |

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**Application of the Universal Cooling System Adapter**

The Mityvac Universal Cooling System Adapter utilizes a multi-step, expandable rubber bushing design to adapt to the radiator and expansion tank filler necks on most domestic and import automobiles. Each of the five steps on the bushing has a unique diameter ranging from ¾” (20 mm) up to 1½” (40 mm). The diameters are designed slightly smaller than the most common filler neck sizes so that the adapter easily installs into the filler neck until the largest possible diameter fits with only slight interference (Fig. 1). The tension knob is then rotated causing the bushing to expand and securing the adapter in the neck (Fig. 2). Once properly installed, the adapter forms an airtight seal with the radiator or expansion tank, and can be utilized for vacuum, pressure or temperature related diagnostics as well as evacuating and refilling coolants while eliminating air locks.

The Mityvac Universal Cooling System Adapter will not fit every automotive radiator and expansion tank available. However, it can be used in conjunction with many specialized adapters. If the sole intended use of the universal adapter is for a specific or unique application, please verify the size and depth of the application to ensure proper fit.

**MV4509** Universal Cooling System Adapter

For use with quick-change coupler found exclusively on Mityvac pressure pumps.

**Features:**

- Replaces more than 20 individual cooling system pressure test adapters for cars, vans, light- and heavy-duty trucks
- Patent-pending cam mechanism ensures an air-tight seal with radiator and coolant bottle necks
- Compact, one-piece design fits conveniently in tool box. No component swapping required and no loose parts to manage

**Includes:**

- Universal Cooling System Adapter (1 piece)

**Specifications:**

| Packaged weight: | 0.50 lbs. (0.23 kg) |
| Packaged size:   | 5.375 x 2.5 x 2.5 in. (137 x 63.5 x 63.5 mm) |

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MV4534* Cooling System Pressure Tester
Mityvac’s MV4534 is a professional-grade, automotive cooling system test kit. It quickly pinpoints external leaks, the most common cause of engine overheating, and aids in diagnosing internal leaks caused by a blown head gasket or cracked block or head. The kit combines a high-quality pressure pump with Mityvac’s universal cooling system adapter for quick, efficient and accurate testing, without the need for costly application-specific adapters. The pump features a large-capacity stroke to quickly reach peak pressure and includes a 2½ in. diameter gauge with easy-to-read, color-coded test level indicators.

Applications:
• Pressure testing for leaks in automotive cooling systems

Features:
• High-volume hand-operated pump builds pressure quickly to locate leaks
• Universal cooling system adapter replaces more than 20 individual adapters for cars, vans, light- and heavy-duty trucks
• Patent-pending adapter cam mechanism helps to ensure an air-tight seal with radiator and coolant bottle necks
• Compact one-piece adapter design fits conveniently in tool box
• Large, easy-to-read 2½ in. (63.5 mm) diameter gauge includes clearly indicated pressure test zones
• Convenient push-button valve safely releases pressure when testing is complete
• Packaged in durable custom-molded case

Includes:
• Hand pressure pump with 2½ in. (63.5 mm) diameter gauge and push-button pressure release valve
• Universal radiator test adapter
• Custom-molded case
• User manual (English, Spanish, French)

Specifications:

MV4533* Cooling System AirEvac Kit
The MV4533 Cooling System AirEvac Kit refills automotive cooling systems in seconds, while eliminating the risk of trapped air. The kit combines Mityvac’s universal cooling system adapter with a powerful, compressed-air-operated venturi vacuum to quickly install and evacuate air from an empty cooling system. Once purged of air, the system can be monitored for leaks before using the vacuum to draw in new coolant. The entire purge-and-refill process is simple, clean and reliable.

Features:
• High-volume hand-operated pump builds pressure quickly to locate leaks
• Universal cooling system adapter replaces more than 20 individual adapters for cars, vans, light- and heavy-duty trucks
• Patent-pending adapter cam mechanism ensures an air-tight seal with radiator and coolant bottle necks
• Compact one-piece adapter design fits conveniently in tool box
• Large, easy-to-read 2½ in. (63.5 mm) diameter gauge includes clearly indicated pressure test zones
• Convenient push-button valve safely releases pressure when testing is complete
• Packaged in durable custom-molded case

Includes:
• Hand pressure pump with 2½ in. (63.5 mm) diameter gauge and push-button pressure release valve
• Universal radiator test adapter
• Custom-molded case
• User manual (English, Spanish, French)

Specifications: