

# PRODUCT SPECIFICATION SHEET



## DEX-FLUSH COOLANT EXCHANGER



### DEX-FLUSH (Part #07702)\* Machine Specifications

Height .....	39.5 in.
Width .....	21.5 in.
Depth .....	19.5 in.
Weight .....	35 lbs.
New Coolant Capacity .....	11.5 gal. max.
Chassis .....	Rotationally Molded Linear LDPE
Vacuum Reservoir Capacity .....	1.0 gal.

U.S. Patent No: 5,853,068

\* Part #07703 includes the DEX-FLUSH Coolant Exchanger and #06578 adapter kit.

## PROLONG THE LIFE OF YOUR CUSTOMER'S COOLING SYSTEM WITH WYNN'S® DEX-FLUSH COOLANT EXCHANGER

Approved and recommended by General Motors (J44556)  
Exclusive features for V-6 Service Procedure:

### Machine capabilities:

- Backflush function to remove cooling system deposits and debris.
- Cooling system pressure relief function.
- Vacuum fill and vacuum leak test functions.
- Cooling system pressure testing.
- Mold-in chassis graphics for clear identification of hook-up and operational details.

### Pump powered by 12V DC (vehicle battery):

- Positive displacement diaphragm pump rated at 1.8 gpm.
- Provides coolant exchange flow rate of 1.0 gpm at operating pressures of 5-15 psi\*, with 15 psi automatic pump shut-off.
- Provides 30 psi pressure during backflush operation.

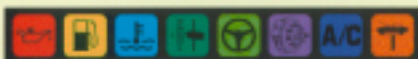
### Vacuum generated through an internal venturi powered by shop air:

- 100 psi air supply provides a typical maximum vacuum of 25 in. Hg and operational vacuum of 20-25 in. Hg\*.
- Muffler limits "nuisance" noise from venturi.
- Float valve automatically discontinues vacuum when vacuum reservoir is full.

\* Vacuum, pressure and flow rates are typical values



PROFESSIONAL PRODUCTS



WYNN OIL COMPANY

1050 W. Fifth Street • Azusa, CA 91702

800-989-8363



# DEX-FLUSH COOLING SYSTEM COOLANT EXCHANGER

## THE PROBLEM

Automobile manufacturers require scheduled engine coolant changes in order to maintain warranty coverage. Following the warranty period, engine coolant changes are still recommended on a specific schedule to maintain optimum condition of the cooling system. Providing the most effective and efficient method for performing such coolant changes is a problem encountered by many automotive service centers.

Engine blocks, heater cores, hoses and water pumps are not typically drained during a traditional cooling system drain and fill. In fact, up to 60% of the used contaminated fluid can remain in the system.

Engine coolant deteriorates over time, forming damaging scale, deposits, and acid by-products. Contaminants are difficult to remove when much of the old fluid remains in the cooling system as with a traditional drain-and-fill service, slowly deteriorating internal components, making a complete coolant exchange vitally important.

Engine coolant drain-and-fill services can also be messy, with a high likelihood of spillage of potentially hazardous waste onto the shop floor, an additional hazard in the workplace. Automotive cooling systems are also pressurized when hot. When performing a cooling system service or repair, there exists a need to safely open the cooling system and perform a coolant exchange service without getting burned.

In short, complete cooling system services performed efficiently and safely, should be the aim of every shop performing such services to assure maximum satisfaction of not only the customer, but the service technician as well.

## THE SOLUTION

Wynn's® DEX-FLUSH Coolant Exchanger makes the chore of engine coolant changes easier, safer and more complete than using either traditional radiator drain and fill methods, or using conventional coolant exchange machines. Each service removes virtually all of the old contaminated coolant from the entire engine block, heater core, water pump and hoses. As this old coolant is removed, the cooling system is filled with new pre-mixed engine coolant, with no air entering the cooling system as part of this process. Time-consuming and tedious air bleeding steps are eliminated.

Deposits that can cause poor heat transfer and restrict fluid flow are safely removed from the cooling system by using Wynn's® Radiator Flush in conjunction with Wynn's® DEX-FLUSH machines. Wynn's® DEX-FLUSH machines make the removal of suspended sludge, deposits, and wear metals an easy process, providing unparalleled maintenance and protection. Wynn's® offers different radiator flush chemicals depending on the severity of cooling system deposits. Adding Wynn's® Radiator Sealant after the service seals small pinholes and cracks to help prevent fluid leaks.

The Wynn's® DEX-FLUSH machine's on-board vacuum function allows cooling system pressure to be safely and easily relieved and the radiator coolant level lowered prior to installing the upper radiator hose adapters and proceeding with the cooling system service. In addition, these upper radiator hose adapters contain valves that allow the chemical cleaning process as well as the actual coolant exchange to proceed without any possible exposure to hot, pressurized coolant. The vacuum function also allows an easy and efficient cooling system refill following component replacement, without the introduction of air.

In short, the Wynn's® DEX-FLUSH machine allows multiple cooling system service functions to be performed quickly, easily and safely. As an example, this machine has been specifically approved by General Motors (J44556) for performing cooling system services on 4.3L S/T platform vehicles with severe cooling system deposits, with the backflush feature of this machine a key part of the GM procedure for these problem vehicles.



Professional Products Division  
**WYNN OIL COMPANY**  
Azusa, California 91702  
©2001 Wynn Oil Company  
[www.wynnsusa.com](http://www.wynnsusa.com)