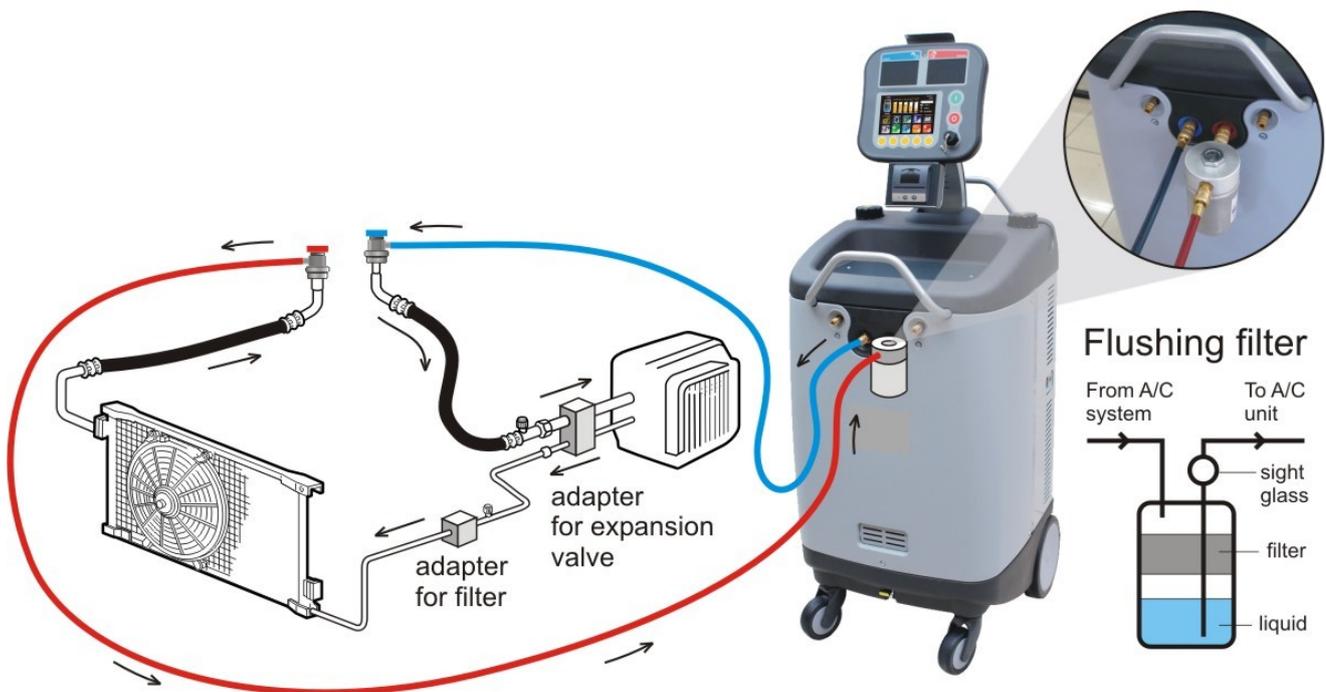




USER MANUAL

Flushing the A/C system with Coolius 2700 BT/IQ (Smart Flush Procedure)



1. Important Safety Information's

- **This equipment is to be operated by accredited technician only!** Users must have basic knowledge of air-conditioning and refrigeration systems, including potential hazards associated with the handling of refrigerants and systems under high pressure.

- **Use only pure R134a** refrigerant with this equipment.



Read this user manual carefully before operating the unit. If you do not understand any section of this manual, please contact your nearest distributor or manufacturer.



Handle refrigerant with care as serious injury may occur. Always **wear appropriate protective safety gloves**.



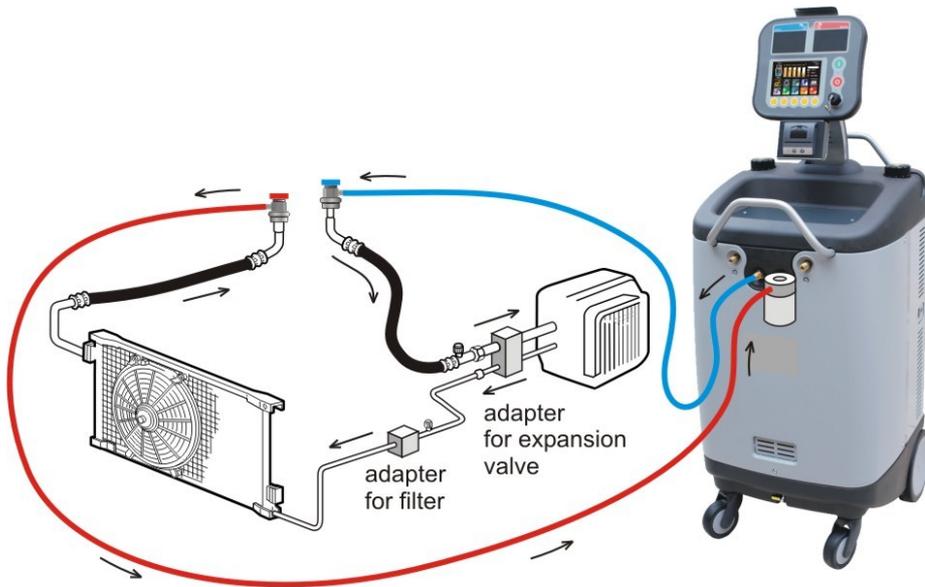
The contact with refrigerant can cause blindness. Always **wear appropriate protective safety glasses**.

- **Use only pure R134a** refrigerant with this equipment.

2. How does the flushing work?

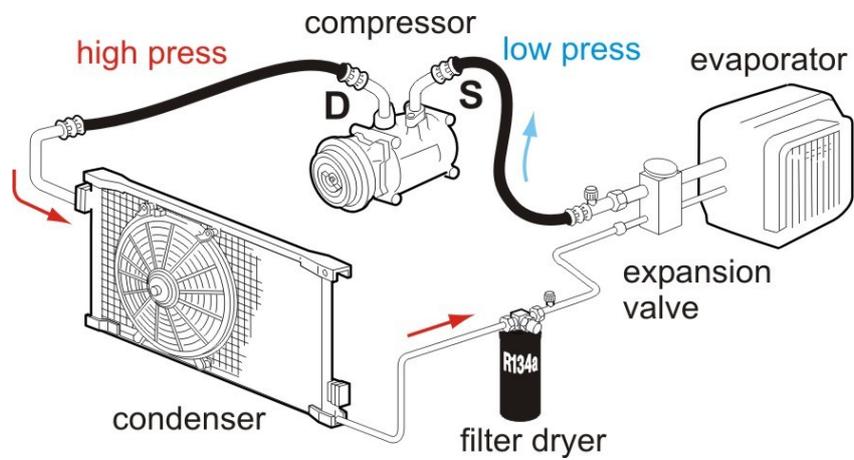
The A/C system is cleaned by flushing it with liquid refrigerant with high flow rate and against the normal flow direction. Components such as the compressor, expansion valve and filter dryer are exchanged with adapters with large flow holes.

First of all, the A/C system must be evacuated. After the leak test, the A/C system is flushed with liquid refrigerant under the pulsating pressure upon the selected time of flushing. The refrigerant which is used to flush the A/C system is purified and return at the cylinder to be used again. At the end the unit will recover the refrigerant from the A/C system.

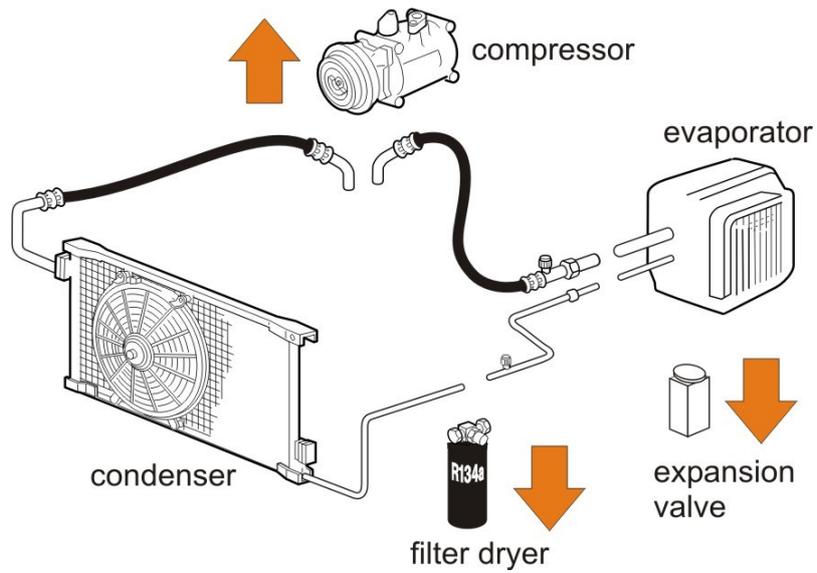


3. Connecting the flushing kit

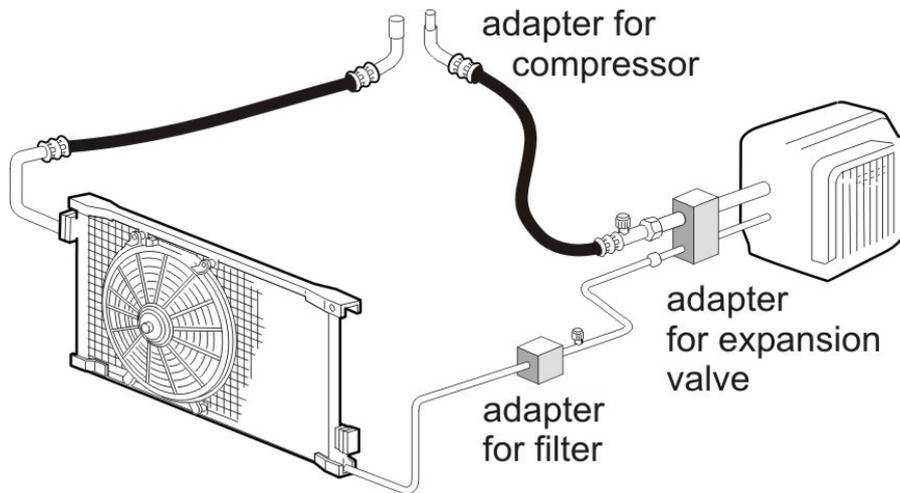
3.1. Refrigerant Cycle



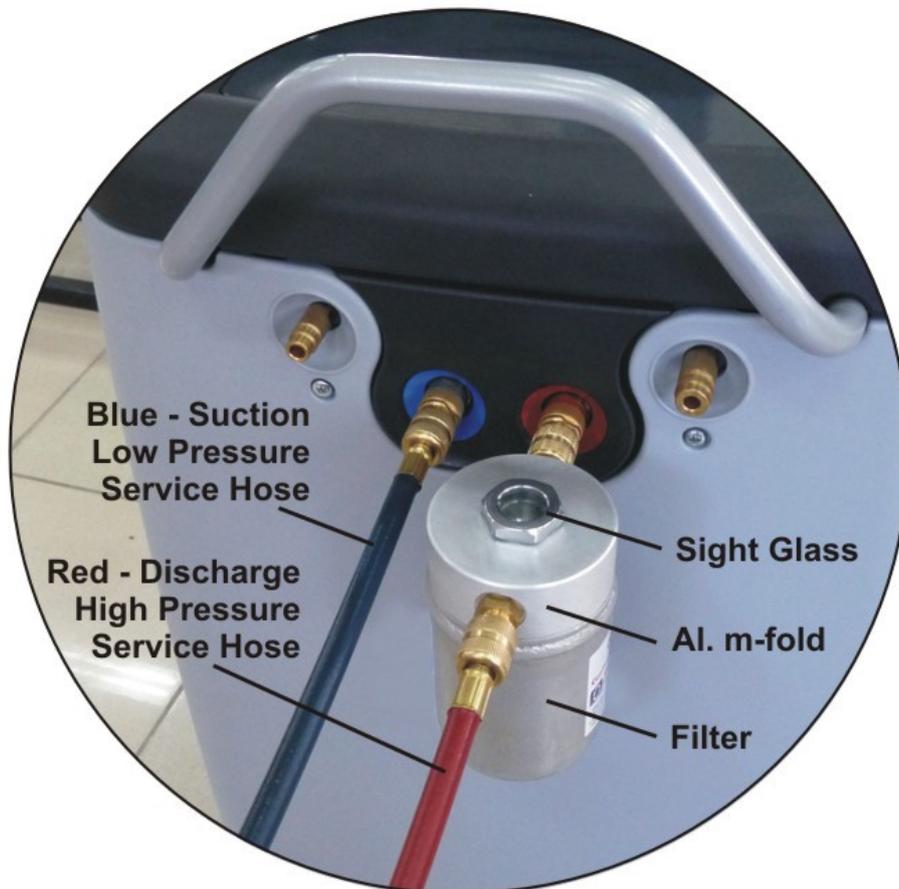
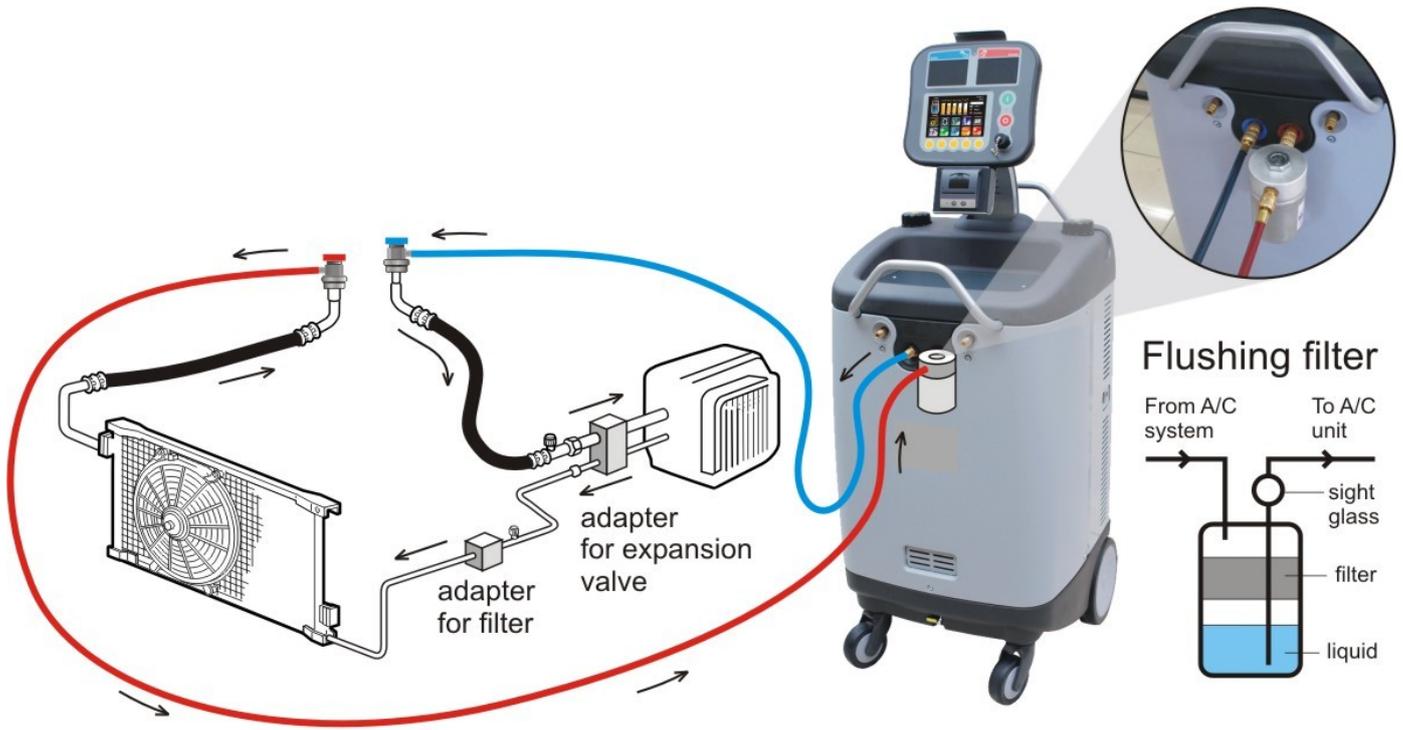
3.2. Step1: Removing the components



3.3. Step 2: Exchanging the components with adapters



3.4. Step 3: Connecting the flushing filter and A/C service unit



4. A/C Flushing Procedure

After the connecting has been made, follow next procedure for flushing the A/C system.

Select the Evacuation mode.



The display shows last used selection.



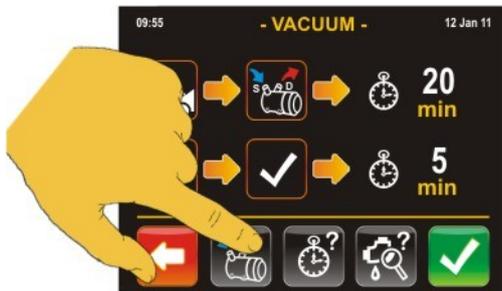
For time selection, touch the Time Icon.



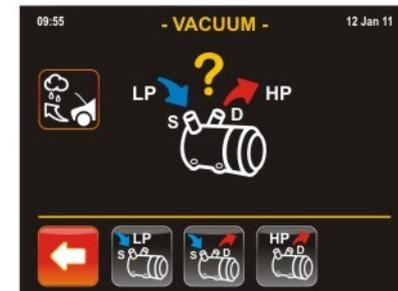
Select min.15 minutes vacuum time.



Touch Compressor icon.



and select both a/c ports (middle icon)



Touch Leak Test icon.



Select min.3 minutes leak test under vacuum and touch Enter icon to confirm



When the above selections have been made, touch Confirm icon.

and Press Start button to start the evacuation function.



Once the evacuation function has been completed successfully, this screen will be displayed. This will be displayed until the stop button is depressed which then machine will display main menu again ready to select another function if required.

Printer will automatically print the report.



To select the flushing mode touch the flush icon



To activate Flushing function contact your distributor.



Touch the time icon to select the flushing time (minimum recommended time is 30 minutes).

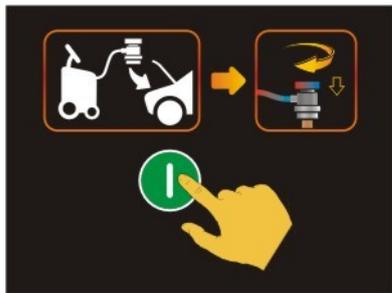


By using the keypad, select flushing time and touch Enter icon to confirm.



Touch the confirm icon and press the Start button to start the process.

The selected function will now be performed automatically.



START



STOP



Once the flushing function has been completed successfully, this screen will be displayed.

This will be displayed until the stop button is depressed which then machine will display main menu again ready to select another function if required.

Printer will automatically print the report.



5. Maintenance of the flushing kit

In general the flushing kit does not require any maintenance. However we recommend the exchange of the filter before the flushing of the a/c system.

When changing the filter observe the manufacturer's instructions.



Smart flush kit (complete)

Art Nr. W067000016990



Flush kit filter

Art Nr. W052000027