

CLIMATANK



WARNING

- DO NOT EXCEED 10 BAR (150 PSI).
- ALWAYS WEAR SAFETY GOGGLES & GLOVES.
- DO NOT SUPPLY AIR TO FLUSH CYLINDER UNTIL READY TO FLUSH.
- FLUSH ONLY DISCHARGED SYSTEMS OR COMPONENTS.
- REMOVE AIR SUPPLY BEFORE ADDING ADDITIONAL FLUSH SOLVENT.
- DO NOT LEAVE A PRESSURIZED FLUSHING CYLINDER UNATTENDED.

1. Recover refrigerant from air conditioning system in accordance with local, state and federal laws.
2. Disconnect all hoses from the components in the system. Isolate the components to flush.
3. Remove and discard orifice tube from evaporator, condenser or hose or remove expansion valve.
4. Attach the flush hose to the bottom fitting on the flush cylinder. Attach the flush gun to the hose.
5. Fill the flush cylinder with 0,5 - 1 litre (1 - 2 pints) of flush solvent. Lubricate the O-ring seal and threads on the large nut and screw the nut onto the top of the cylinder. Make sure all connections are tight.
6. To avoid spraying of oil, flush, and other debris, attach a piece of hose to the end of the component being flushed. Place the hose end in a large bucket to capture the flush solvent. Dispose of flush solvent in accordance with local, state, and federal laws.
7. Attach your compressed air hose to the large nut on the cylinder. Hold flush cylinder in an upright position. Flushing will work effectively with air pressure of 6 - 10 bar (90 - 150 PSI).
DO NOT EXCEED 10 bar (150 PSI).
8. Insert the probe end of the flush gun into end of component and press the flush gun lever.
9. Flush the component until all the flush solvent has passed through it. Wait 3 minutes and run dry air through the component again.
DISCONNECT the air supply to the flush cylinder when not actually flushing.
10. Flush each component individually including hoses, condenser, and evaporator.
11. Do not flush the compressor, expansion valve, orifice tube, filter drier, or accumulator.
12. Install a new orifice tube if necessary. A new filter-drier or accumulator should be installed last. Replace all O-rings. Reassemble the system and add oil.
13. If the system is being retrofitted, install retrofit adapters and labels (see manufacturer's recommendations).
14. If compressor is not being replaced, the oil should be drained and replaced with the proper amount of clean refrigerant oil. If a replacement is being installed, check for correct amount of compressor oil.
15. Evacuate for 30 minutes and make sure the system holds a vacuum.
16. Add refrigerant and leak check.
17. Dispose of flush solvent, oil and debris in accordance with local, state, and federal laws.

Note: LUBRICATE FLUSH GUN PROBE END WITH REFRIGERANT OIL TO PREVENT STICKING.

Last update: 03.04.2023



PRODOTTI CHIMICI E TECNICI - CHEMICAL AND TECHNICAL PRODUCTS

FACOT CHEMICALS Srl - Via Crema 44, 26010 Capralba CR, Italy - Tel. +39 0373450642 - info@facot.it - www.facotchemicals.com



CHEMISTRY IN ACTION