

KWIK-E-VAC

Line Set Flushing Kit for Split Air Conditioning Systems

Warning: Use only as directed. Read label instructions carefully.

1. Keep out of reach of children. Intentional misuse by deliberately concentrating and/or inhaling contents may be fatal. Vapors are heavier than air and may spread along floors. Avoid breathing vapors or mist. Avoid contact with skin, eyes, and clothing. Provide sufficient air exchange and /or exhaust in work areas. Handle in accordance with good industrial hygiene and safety practice. THIS PRODUCT IS FOR OUTDOOR USE ONLY.
2. Contains gas under pressure, may explode if heated. Flammable gas. Do not spray on an open flames or other ignition sources. Keep away from heat. Vapors may form flammable mixture with air. The products should only be used in areas from which all sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. No sparking tools should be used. Take measures to prevent the build-up of electrostatic charge. Keep away from open flames, hot surfaces, and sources of ignition. When using DO NOT SMOKE. Disconnect the electrical power to the equipment.
3. Pressurized container: Do not pierce or burn, even after use. Do not store in enclosed vehicles. Protect from sunlight. Store in a well-ventilated place. Store at temperatures not exceeding 120 degrees F / 49 degrees C. Keep container tightly closed and in a dry and well-ventilated location. Store in original container. The product has an indefinite shelf life when stored properly.
4. Ensure adequate ventilation, especially in confined areas. Use respiratory protection if needed. Wear safety glasses with side shields. Direct contact with liquid may cause frostbite. Wear proper protective gloves when using.

Contains: 1,1-Difluoroethane which has zero ozone depletion potential and a very low global warming potential. See MSDS for additional safety information at <https://www.pdhvac.com>

Directions of use:

This kit provides an alternative way to install a split air conditioner, if a proper vacuum pump is not available for the evacuation of the line sets. See below instructions, only to replace the specific section in the installation manual covering the use of a vacuum pump for evacuation. Follow all remaining instructions in the manual as originally written.

1. Read all safety instructions above and wear protective gear as suggested.
2. Keep the metal can upright at all times while using. Do not tilt or tip.
3. Ensure the electrical power to entire equipment is switched off at the main breaker.
4. Indoor section of the air conditioner: Connect both copper pipes of the line set to the indoor unit properly and as instructed in the equipment installation manual, using proper torque, methods, and materials approved by the equipment manufacturer.
5. Outdoor section of the air conditioner: Connect ONLY THE GAS SIDE copper pipe (one with larger diameter) to the GAS side service valve of the outdoor unit properly and as instructed in the equipment

installation manual, using proper torque, methods and materials approved by the equipment manufacturer. Do not connect the LIQUID SIDE copper pipe (one with smaller diameter) at this time, until instructed further below.

6. Connect the end connector of hose of the purging kit to the SERVICE PORT on the GAS SIDE SERVICE VALVE of the outdoor unit tightly. Pay attention to prevent valve damage.

7. Turn the valve on the flushing kit can tap valve clockwise, reaching all the way down.

8. You should hear the flow of flushing material flowing into the GAS side of the copper line set and then flowing out freely at unconnected pipe end of the LIQUID side of the copper line set near the outdoor unit. Once flow is confirmed, close the tap valve, then open again for 5 seconds at a time, repeating until about 2/3 of contents in the can are used up. Close the tap valve of the can. (Valve turns CW to open and CCW to close).

9. If no flow of the material is noticed when first opened, close the flushing kit tap valve, disengage the hose connector from the service port, and adjust the depressor inside the hose connector outward by 1 or 2 turns, and repeat the steps 5 through 7 above.

10. Now it is time to quickly connect LIQUID SIDE copper pipe (one with smaller diameter) to the LIQUID side service valve of the outdoor unit properly and as instructed in the equipment installation manual, using proper torque, methods and materials approved by the equipment manufacturer. At this stage all 4 pipe connectors are tightly connected.

11. Open the tap valve again and release the remaining material in the can into the system until contents are entirely used up. Disconnect the hose from the service port of the unit.

12. Using soapy bubbles spray, carefully check all 4 pipe connections for leaks. If the leaks are present, tighten, adjust, or repair the connection to stop any leaks, and repeat evacuation.

13. While the purging hose remains attached to the service port, unscrew the tap valve from the top of the canister to release all remaining gas pressure, and wait until all purging material pressure is entirely released. Disconnect the hose from the service port.

14. Follow the installation instructions provided by the equipment manufacturer for the next steps, such as opening the service valves to release the refrigerant, other verifications, and further startup procedures. For multi-zone systems, use one kit for each zone.

WARNING for California residents only: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.