

Frequently Asked Questions



R•22id Refrigerant Identifier FAQ's

1. What is a refrigerant identifier?
 - A refrigerant identifier is an instrument designed to differentiate between various types of refrigerants.
2. How do refrigerant identifiers work?
 - Each type of refrigerant has a unique infrared signature. Identifiers take a small sample of the refrigerant and use infrared technology to interpret these signatures and identify the refrigerant.
3. What refrigerants can the R•22id detect?
 - The instrument can detect R22, R12, R134A and hydrocarbons. Only R22 is evaluated for quality. All other refrigerants are treated as contaminants.
4. What are the Pass/Fail criteria?
 - Refrigerant samples that contain 95% or greater R22 Pass. Samples that are less than 95% pure Fail.
5. What do solid and blinking lights mean?
 - Solid lights mean the unit is working. Blinking lights mean the unit is awaiting user input.
6. How does the user move to the next function?
 - Pressing the next button when the lights are blinking move the unit to the next function.
7. The FAULT light is blinking, what does this mean?
 - Counting the number of blinks will indicate the fault code. The fault codes are listed in the user manual.
8. Can air be detected?
 - Air is detected in a gross form to determine that there is refrigerant present. It is not quantified and is not treated as a contaminant.





9. Does the R•22id require calibration?
 - Yes, calibration is automatic and done prior to each test. Factory recalibration is not required.
10. Can it test liquid refrigerant?
 - No, the instrument must only be used on Low Side Vapor samples. Liquid will cause damage and is not covered by warranties.
11. What is the maximum sample pressure?
 - The maximum pressure rating is 300 Psig
12. What is the minimum pressure required for operation?
 - The minimum pressure required for accurate readings is 20 Psig.
13. How is the unit powered?
 - The unit can be powered with a standard 9-Volt Alkaline battery or an optional AC power adapter.
14. How many tests can be run before the battery must be changed?
 - The R•22id can run between 30 and 50 tests on a fresh battery depending on the quality of the battery.
15. Does the unit contain a filter?
 - Yes, the filter is brass and located between the clear hose and the coupler. It can be easily changed if oil or debris were to clog the filter.
16. How do I know when the filter needs to be replaced?
 - If oil or liquid appears in the clear hose or the instruments excess air light comes on after a test with 20Psig or higher refrigerant pressure, the filter should be replaced.
17. Can the filter be cleaned?
 - No, the filter cannot be cleaned. It must be replaced with a new unused filter.

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