



GE APPLIANCES
a Haier company

Owner's Manual and Installation Instruction
Manuel d'utilisation et instructions d'installation
Manual del
propietario y instrucciones de instalación
UALS01A



Refrigerant Leakage Sensor
Capteur de fuite de réfrigérant
Sensor de fugas de refriger

Para acceder a la versión en español, por favor visite
GEAppliancesairandwater.com

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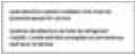
Product Introduction

The sensor is used for refrigerant leakage detection in air conditioning and other refrigeration systems. The product runs automatically after being powered on.

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Package Contents

(A) Refrigerant Leakage Sensor 	1	(B) Wiring, 473mm 	1
(C) Manual 	1	(D) Screw ST4X12mm 	2
(E) Power Required label 	1		

Safety Information



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent or service agency.



CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

Safety Information



WARNING



Electric Shock Hazard. Can cause injury or death. Unit must be properly grounded in accordance with national and local codes. Line voltage is present at all components when unit is not in operation on units with single-pole contactors. Disconnect all remote electric power supplies before opening access panel.



CAUTION

For appliances using A2L refrigerants connected via an air duct system to one or more rooms, only auxiliary devices approved by the appliance manufacturer or declared suitable with the refrigerant shall be installed in connecting ductwork.

Safety Information



CAUTION

Any service personnel installing, decommissioning, or performing maintenance on the unit must be properly trained with A2L refrigerants.

Safety Information



WARNING

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance, or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odor.



CAUTION

Ducts connected to an appliance shall not contain a potential ignition source.

Installation Instructions

Installation instructions for the refrigerant leak sensor will vary for each type of indoor unit. Instructions are included in the installation manual of the indoor unit.

The installation manual can also be found by searching for the indoor model number on our website at **GEAppliancesAirandWater.com**



NOTE: after installation, put the **Power Required Label** on the indoor unit near the rating label.

Fault Codes and Troubleshooting

Fault (error) codes will be shown on the temperature display of the indoor unit, or the wired controller (if connected). **Note:** most faults will automatically turn on the fan of the indoor unit.

Code	Definition	Priority*
<i>AA</i>	Refrigerant leak detected and mitigation in progress. Indoor fan will remain on until refrigerant is dispersed.	1
<i>Ab</i>	Refrigerant leak has been mitigated. Error code will automatically clear after 2 hours or after manual operation by service technician. If AA is repeatedly activated, please call a service technician.	3

Fault Codes and Troubleshooting

Code	Definition	Priority*
<i>Rc</i>	Refrigerant leak sensor communication error. After resolving, a power cycle is needed to clear the code.	6
<i>Rd</i>	Refrigerant leak sensor self inspection error. After resolving, a power cycle is needed to clear the code.	2
<i>RE</i>	Refrigerant leak sensor is reaching End-of-Life. Please call a service technician for replacement.	5

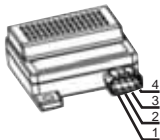
Fault Codes and Troubleshooting

Code	Definition	Priority*
<i>RF</i>	Refrigerant leak sensor has reached End-of-Life. Replace sensor to restore functionality.	4
<i>bA</i>	DIP switch is set to require a leak sensor, but no leak sensor was detected when system powered on. Refer to install instructions for DIP switch location	7

*If multiple errors occur, only the lowest priority number will be displayed on the indoor unit or wired controller at any given time.

Fault Codes and Troubleshooting

Interface Pin Definition



PIN	Definition	Description
1	+5V	Power Input
2	485A	DATA
3	485B	DATA
4	GND	Power Ground



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