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Model Number: 114818

Legend Brands Sapphire Scientific 114818, RTD SENSOR

Manufacturer: Drieaz

Legend Brands Sapphire Scientific 114818 RTD Temperature Sensor
Factory replacement RTD temperature sensor for select Sapphire Scientific equipment.

The Legend Brands 114818 is an OEM resistance temperature detector, commonly called an RTD sensor. It monitors temperature and sends the temperature reading to the equipment's electronic control system.

Order replacement parts by the complete factory part number. Machine model names alone may not be sufficient because manufacturers can change components during a production run.

Product Details

- Manufacturer: Legend Brands / Sapphire Scientific
- Brand: Sapphire Scientific
- Part number: 114818
- Part type: RTD temperature sensor
- Condition: New OEM replacement part
- Quantity: One sensor

What Is an RTD Sensor?

An RTD sensor measures temperature by detecting changes in electrical resistance. The equipment control system uses this signal to monitor operating temperature and control related machine functions.

Possible Symptoms of a Failed Temperature Sensor

- Incorrect or unstable temperature readings
- Temperature display remains unusually high or low
- Heating system does not cycle correctly
- Temperature-related fault codes
- Equipment shuts down because of an incorrect temperature signal

These symptoms can also be caused by damaged wiring, loose connectors, control-board problems, or other components. Proper electrical testing should be performed before ordering.

Compatibility Notice

Compatibility must be confirmed by part number. Before purchasing, locate the parts diagram, service manual, or existing sensor and verify that it calls for Legend Brands part number 114818.

Please provide your machine's complete model number and serial number when requesting compatibility assistance. Do not order solely from the appearance of the product photo.

What You Receive

- One Legend Brands / Sapphire Scientific 114818 RTD temperature sensor

No additional fittings, wiring harnesses, controllers, or installation labor are included

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unless specifically shown and stated.

Installation Information

Disconnect the machine from its electrical and fuel sources and allow heated components to cool before servicing. Installation and diagnosis should be performed by a qualified service technician familiar with the equipment.

A new sensor will not correct problems caused by damaged wiring, poor electrical connections, incorrect control-board input, or another failed component.

Frequently Asked Questions

Is this a genuine factory replacement part?

Yes. This listing is for Legend Brands / Sapphire Scientific part number 114818.

Is this a thermostat?

No. This is an RTD temperature-sensing component. It supplies temperature information to the machine's control system.

Does this fit every Sapphire Scientific machine?

No. Compatibility varies by model, serial number, and production revision. Verify part number 114818 before ordering.

Does the listing include installation?

No. The purchase includes the replacement sensor only. Diagnostic work, installation labor, and additional parts are not included.

Can electrical parts be returned after installation?

Installed, connected, used, or damaged electrical components are generally not returnable. Confirm the diagnosis and part number before installation.

Ordering Notice

Factory repair parts may be special-order items and availability can change without notice. Product images are for reference. All orders are fulfilled according to the manufacturer part number shown in the listing.

Drieaz 114818, SENSOR, RTD

Availability: This product was added to our catalog on Friday 20 February, 2026