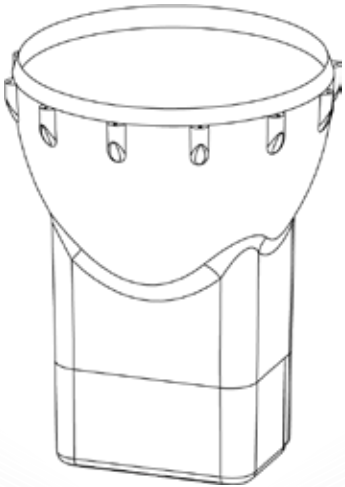
Cesens®
Rain Gauge

Guía de instalación



Cesens Technologies®

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www.cesens.es/videotutoriales/

ES

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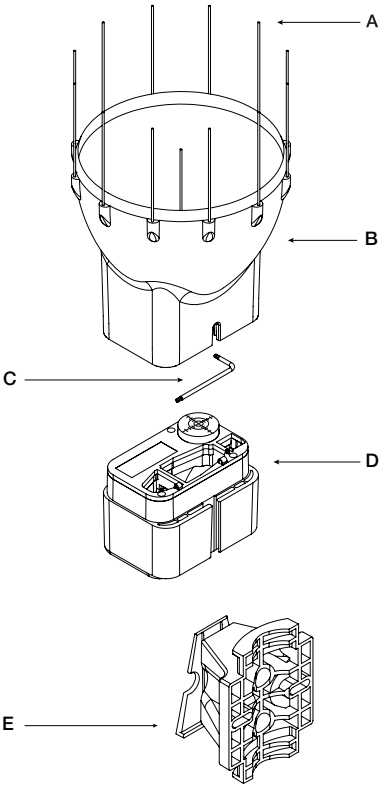
COMPONENTES

Partes del sensor

ID	Elemento
A	Púas anti-pájaros
B	Cuenco de recepción
C	Llave torx
D	Base del sensor
E	Soporte



INSTALACIÓN

Pasos previos

Montaje:

- Puede instalarse en paredes o postes (cuadrados o redondos).
- En postes, asegúrate de orientarlos verticalmente.

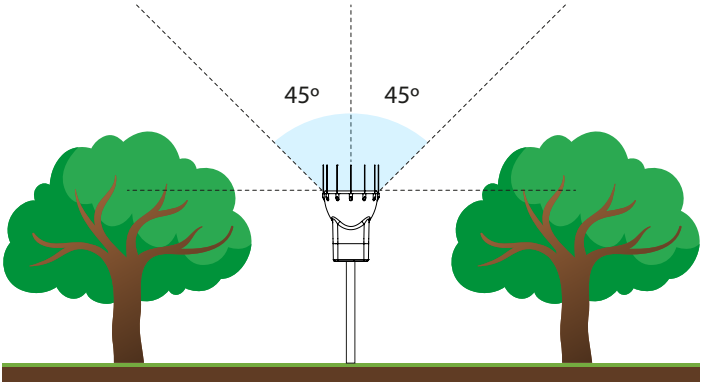
Materiales y herramientas:

- Incluye todos los elementos de fijación necesarios.
- Solo necesitarás una llave de tubo de 11 mm para el abarcón o un destornillador de estrella para las abrazaderas.

Ubicación del sensor:

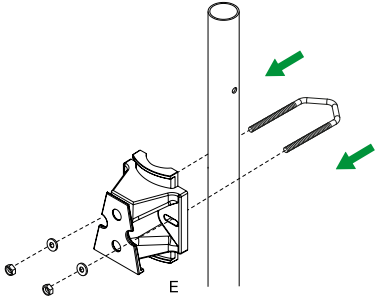
- Colócalo a más de 1 metro del suelo.
- Selecciona un espacio sin obstáculos cercanos, como árboles o edificios.
- Garantiza un ángulo de apertura libre mayor a 45° alrededor del dispositivo.

Estas indicaciones aseguran mediciones precisas y cumplimiento de la normativa.

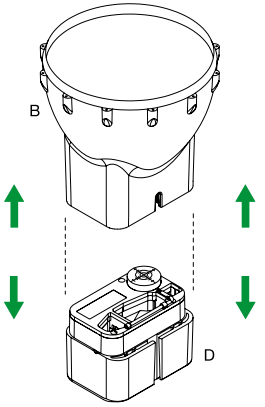


Instalación

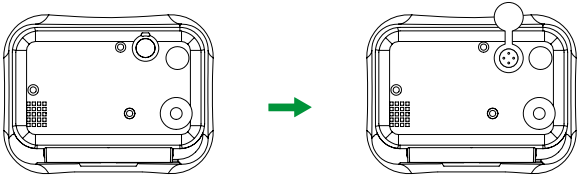
Paso 1: Usar las abrazaderas metálicas para asegurar el soporte (E) al poste.



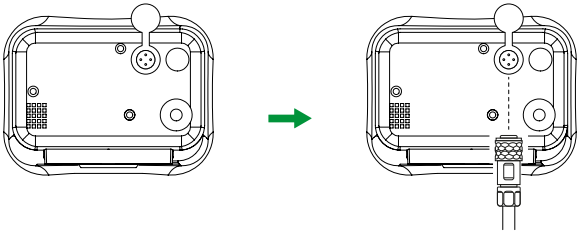
Paso 2: Separar el cuenco (B) de la base (D).



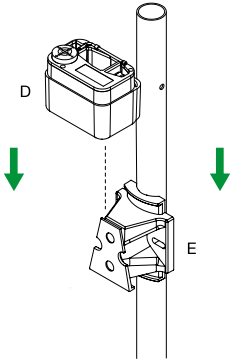
Paso 3: Abrir la cubierta de goma del conector en la base del pluviómetro.



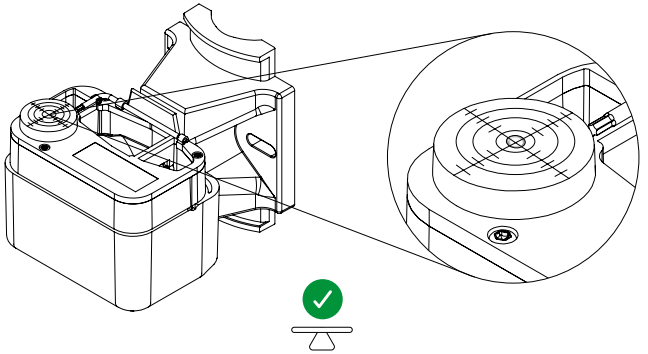
Paso 4: Conectar el cable al pluviómetro. En los conectores un punto indica la orientación. Alinear este punto con la ranura del conector del pluviómetro y empujar hasta oír el click.



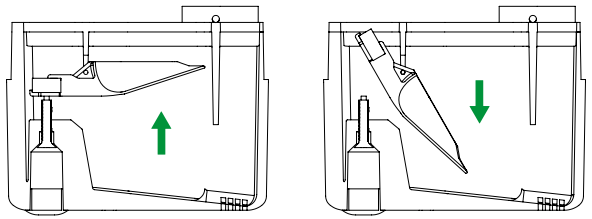
Paso 5: Insertar la base (D) del pluviómetro en el soporte (E).



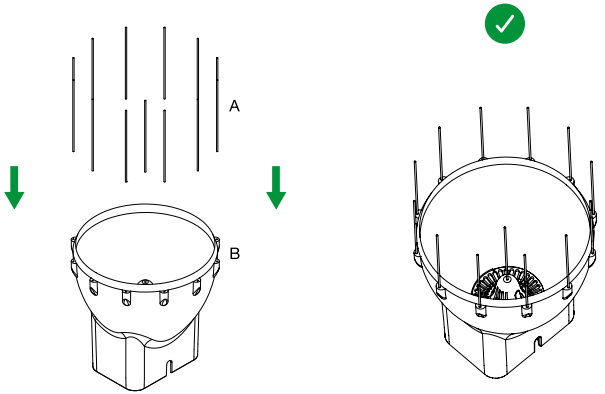
Paso 6: La horizontalidad del dispositivo puede verificarse mediante el nivel incorporado en la tapa de la base del pluviómetro.



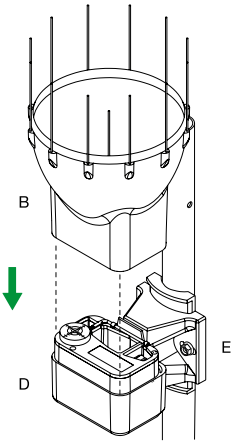
Paso 7: Comprobar que la cuchara se mueve libremente.



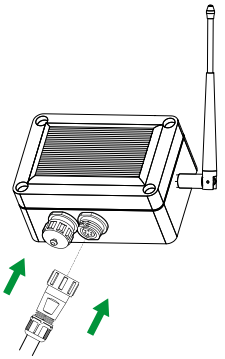
Paso 8: Instalar las 13 púas anti-pájaros (A) en el cuenco de recepción (B) y verificar la correcta colocación del filtro.



Paso 9: Colocar en cuenco (B) sobre la base (D) y el soporte (E).



Paso 10: Conectar el otro extremo del cable a tu estación Cesens o a tu propio datalogger.



MANTENIMIENTO

Recomendaciones de mantenimiento

- Limpiar la suciedad y los restos vegetales o animales del filtro y del cuenco de recepción.
- Limpiar la salida de agua situada en la parte inferior de la base. Puede ser necesario abrir el sensor para completar la limpieza.
- Limpiar la cuchara basculante de los restos de suciedad.
- Comprobar el estado del cable y de los conectores de ambos extremos.
- Comprobar la nivelación del sensor.

ATENCIÓN AL CLIENTE

Método de contacto

Puedes contactar con nosotros en el siguiente email:
atencionalcliente@cesens.com

Para más información sobre este sensor
y otras soluciones de Cesens, visita nuestra página web:
www.cesens.es

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www.cesens.es/videotutoriales/

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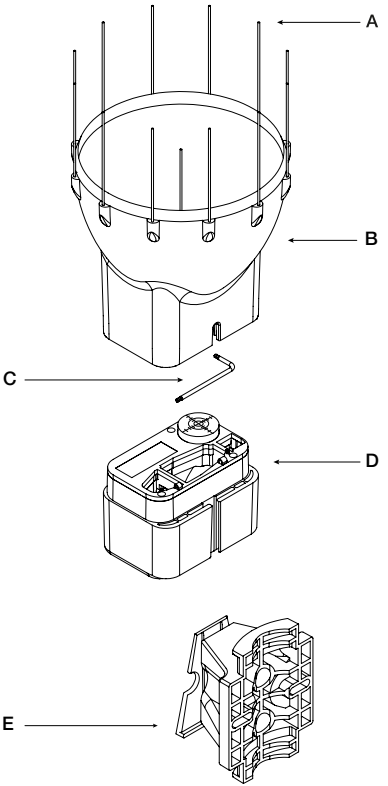
COMPONENTS

Sensor parts

ID	Element
A	Bird Spikes
B	Reception bowl
C	Torx screw driver
D	Sensor base
E	Mounting bracket



INSTALLATION

Preliminary steps

Mounting:

- Can be installed on walls or poles (square or round).
- Ensure vertical alignment when mounting on poles.

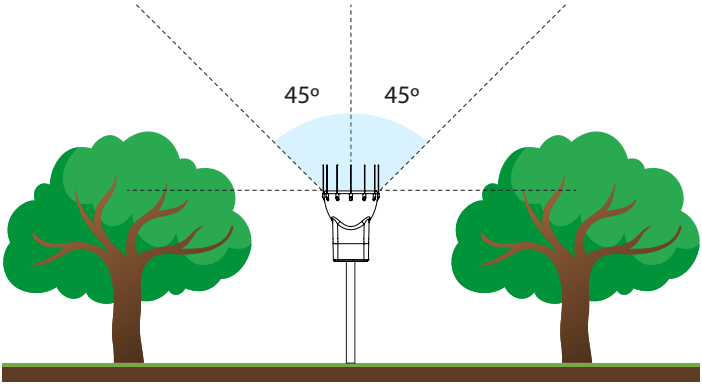
Materials and Tools:

- Includes all necessary mounting components.
- You will only need an 11 mm socket wrench for the U-bolt or a Phillips screwdriver for the clamps.

Sensor Placement:

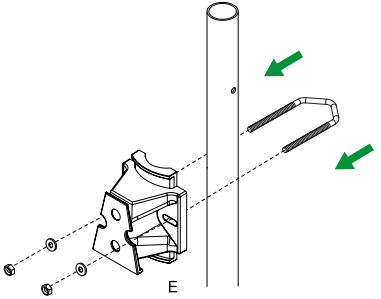
- Place it at least 1 meter above the ground.
- Choose a location free of nearby obstacles, such as trees or buildings.
- Ensure a clear opening angle greater than 45° around the device.

Following these instructions ensures accurate measurements and compliance with regulations.

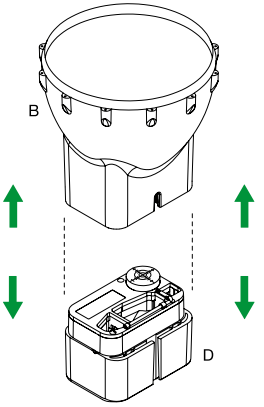


Installation

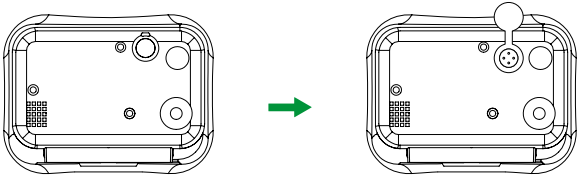
Step 1: Use the metal clamps or a U-bolt to secure the bracket (E) to the post.



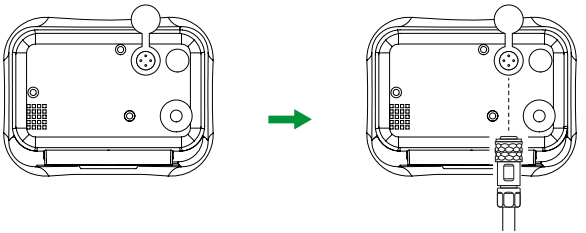
Step 2: Separate the bowl (B) from the base (D).



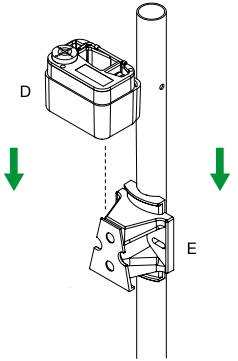
Step 3: Open the rubber cover of the connector on the base of the rain gauge.



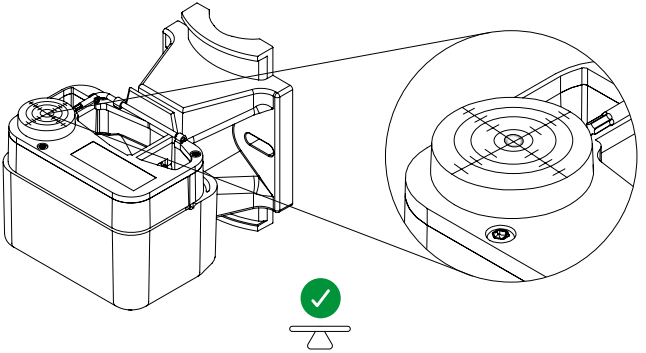
Step 4: Connect the cable to the rain gauge. On the connectors, a dot indicates the correct orientation. Align this dot with the slot on the rain gauge connector and push until you hear a click.



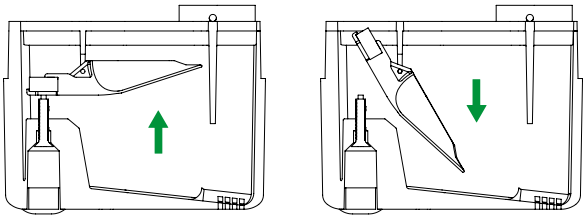
Step 5: Insert the base (D) of the rain gauge into the bracket (E).



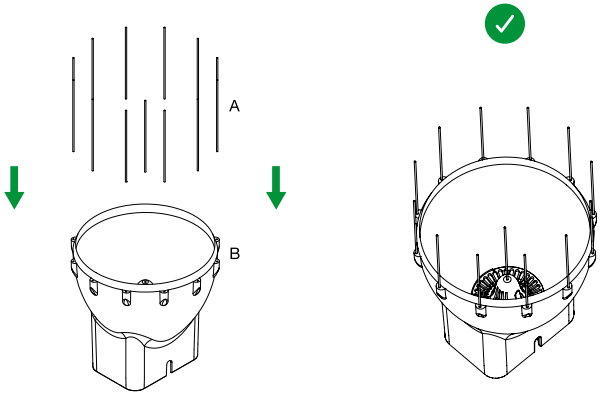
Step 6: The horizontal alignment of the device can be checked using the built-in level on the rain gauge base cover.



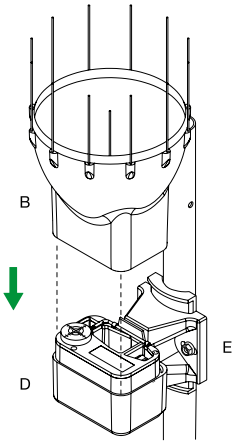
Step 7: Ensure that the tipping bucket moves freely.



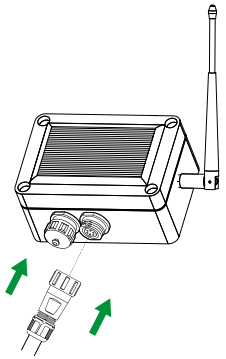
Step 8: Install the 13 anti-bird spikes (A) on the collection bowl (B) and ensure the filter is correctly positioned.



Step 9: Place the bowl (B) onto the base (D) and bracket (E).



Step 10: Connect the end of the cable to your Cesens station or another datalogger.



MAINTENANCE

Maintenance recommendations

- Clean any dirt and plant or animal remains of the filter and reception bowl.
- Clean the water outlet on the bottom of the base. It may be needed to open the sensor.
- Clean the tipping spoon of any dirt remains.
- Check the state of the cable and the connectors on both ends.
- Check the leveling of the sensor.

CUSTOMER SERVICE

Contact methods

You can contact us in the mail:
atencionalcliente@cesens.com

For more information about this sensor
and other Cesens solutions, please visit our website:
www.cesens.com

NOTAS/NOTES

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