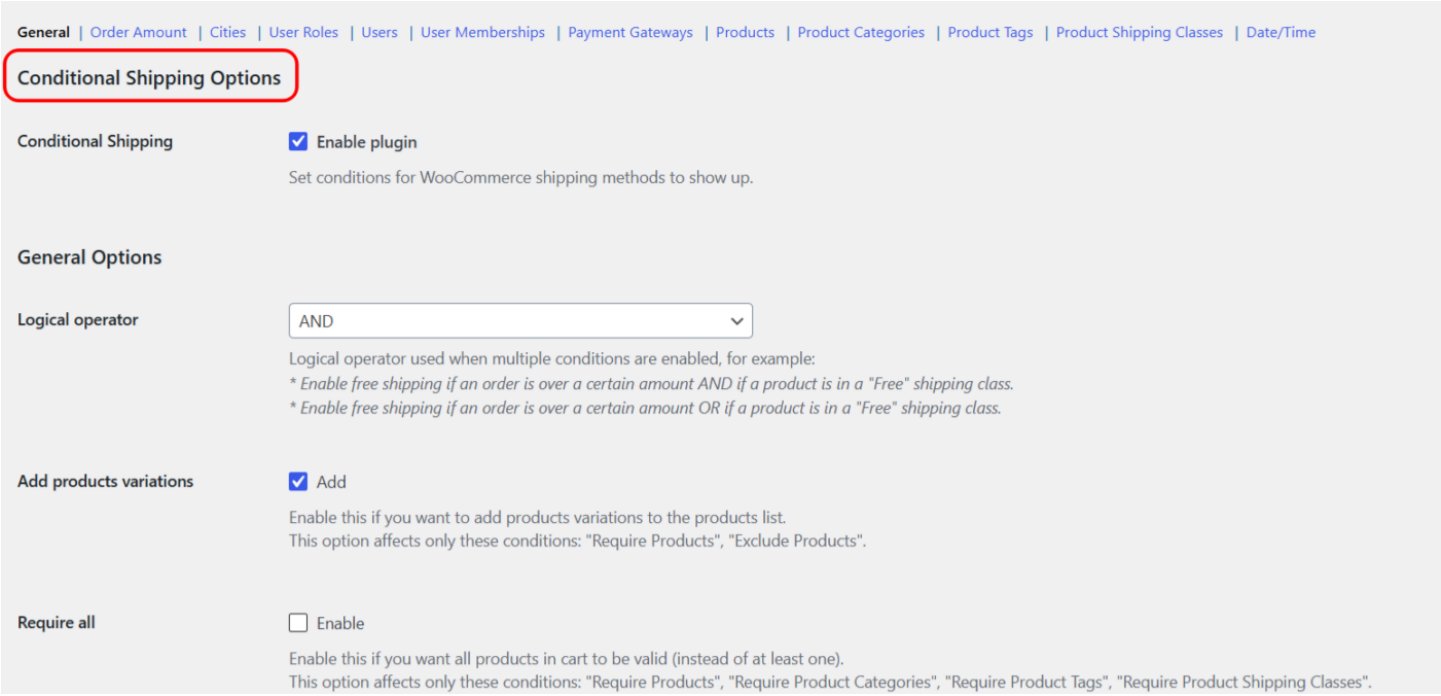
# AND vs OR: Combining Multiple Shipping Conditions

How to · https://wpfactory.com/docs/conditional-shipping-and-or-logical-operator/

To control whether multiple shipping conditions combine as AND or OR, use the Logical operator option in Conditional Shipping for WooCommerce: Restrict Shipping Options by Anything. It decides how the plugin treats a shipping method when you have enabled more than one condition against it.




## What the Logical operator does

The Logical operator only matters when MULTIPLE conditions are enabled. With a single enabled condition it has no effect.

- **AND** (default): the method shows only if EVERY enabled condition passes.
- **OR**: the method shows if ANY one enabled condition passes.

## Step-by-step setup

1. Go to **WPFactory > Conditional Shipping** (also reachable at **WooCommerce > Settings > Conditional Shipping**).
2. On the **General** section, set **Logical operator** ( `alg_wc_cond_shipping_logical_operator` ) to **AND** or **OR**.
3. Save changes.
4. Enable the conditions you want to combine in their own sections, then set their values against the shipping method.

## Worked examples

Say you want free shipping to appear only for large orders that also contain a specific product. Enable two conditions against the free shipping method: a minimum order amount, and a Require Product Shipping Classes condition set to a "Free" shipping class.

- With **AND**, free shipping shows only when the order is over the amount AND a product in the "Free" shipping class is in the cart. Both must be true.
- With **OR**, free shipping shows when the order is over the amount OR a product in the "Free" shipping class is in the cart. Either one is enough.

## Options reference

| Label | Option ID | Type | Default | Free/Pro |
|---|---|---|---|---|
| Logical operator | `alg_wc_cond_shipping_logical_operator` | Select (AND / OR) | AND | Free |

## Per-rate control for developers

The operator is global by default, but developers can override it per rate with the `alg_wc_cond_shipping_logical_operator` filter, which receives the operator, the rate and the package and returns `'AND'` or `'OR'`. See the Conditional Shipping developer hooks reference for the full signature.



**CONDITIONAL SHIPPING**

This feature is free. Conditional Shipping for WooCommerce: Restrict Shipping Options by Anything Pro adds per shipping-instance conditions, so you can combine rules differently for the same method type across shipping zones.

**See what Pro unlocks →**

Related articles

- Exploring Conditional Shipping Conditions
- Set Shipping Conditions Per Shipping Method Instance
- Common Shipping Condition Setup Mistakes
- Shipping Conditions Ignored at Checkout
- Show Cart and Checkout Notices for Hidden Shipping Methods