AC INFINITY

DUCT CARBON FILTER

PREMIUM AUSTRALIAN CHARCOAL

USER MANUAL

WELCOME

Thank you for choosing AC Infinity. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us. Visit www.acinfinity.com and click contact for our contact information.

EMAIL
support@acinfinity.com

WEB
www.acinfinity.com

LOCATION
Los Angeles, CA

MANUAL CODE CL2208X1 (Carbon Filter)

PRODUCT	MODEL	UPC-A
DUCT CARBON FILTER, 4"	AC-DCF4	819137020665
DUCT CARBON FILTER, 6"	AC-DCF6	819137020672
DUCT CARBON FILTER, 8"	AC-DCF8	819137020689
DUCT CARBON FILTER, 10"	AC-DCF10	819137020825
DUCT CARBON FILTER, 12"	AC-DCF12	819137021617
DUCT CARBON FILTER XL, 4"	AC-DCF4-XL	819137023000
DUCT CARBON FILTER XL, 6"	AC-DCF6-XL	819137023017
DUCT CARBON FILTER XL, 8"	AC-DCF8-XL	819137023024

MANUAL INDEX

Manual Index ..... Page 5

Product Warning ..... Page 6

Key Features ..... Page 7

Product Contents ..... Page 8

Installation ..... Page 9

Overhead Hanging ..... Page 11

Configuration Set-up ..... Page 15

Maintenance ..... Page 18

Other AC Infinity Products ..... Page 19

Warranty ..... Page 20

PRODUCT WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Check your local code restrictions for additional safety measures that may be needed for a proper code compliant installation.

2. Check local authority requirements for proper disposal of waste and residues.

3. Read all instructions before installing and using this product.

4. If you are unfamiliar or have doubts about performing this product's installation, seek the services of a qualified, trained, and licensed professional. Inappropriate installation will void this product's warranty.

5. This product must not be used in potentially hazardous locations such as flammable, explosive, chemical-laden, or wet atmospheres.

6. This product requires sufficient ventilation in order to properly function.

7. Ducted products must always be vented to outdoor areas.

8. Regular maintenance as outlined in the instructions is recommended to maintain ideal operation. Preventing dust accumulation will minimize potential hazards.

9. This product pairs with those that have rotating parts. Safety precautions should be exercised during the installation, operation, and maintenance of this product.

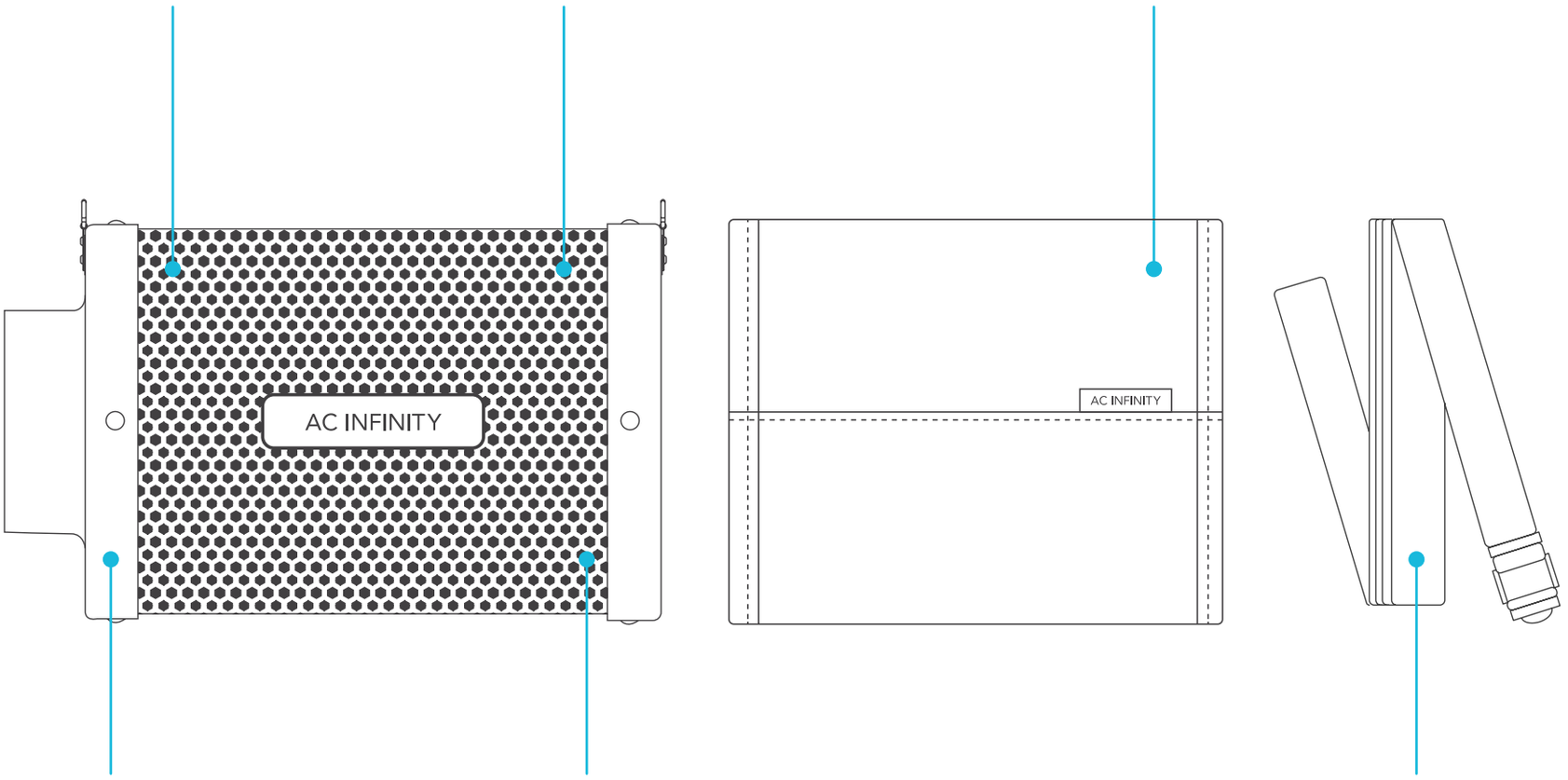
10. Ensure that safety systems are in place in case of any fire breakout.

KEY FEATURES

ALUMINUM FRAME
Features a resilient frame that resists corrosion and can be placed in high humidity settings.

MAX AIR PASSTHROUGH
Galvanized steel mesh allows complete passthrough of air suitable for both intake and exhaust applications.

CLOTH FILTER COVER
Traps particles from passing through the carbon filter. Rewash every six months to extend its lifespan.

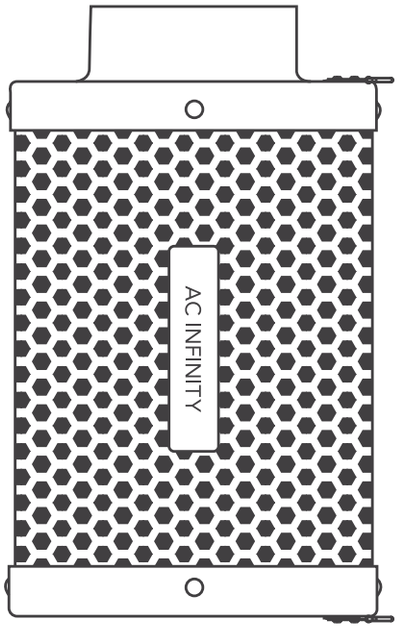


REVERSIBLE FLANGES
The flanges can be removed and placed on the opposite ends to fully utilize the carbon bed inside.

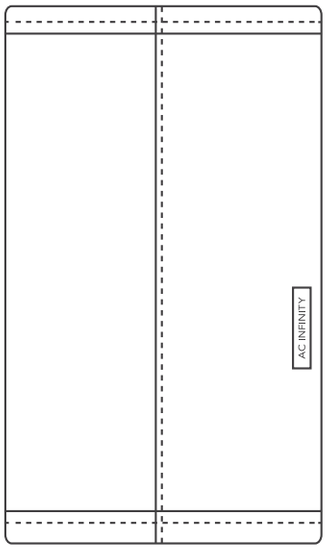
ACTIVATED CARBON
Features RC412 1200+ IAV Australian charcoal with high adsorption rate to completely block odor and scrub the air.

FILTER STRAPS
Includes two nylon straps that secures the carbon filter onto your grow tent support beams.

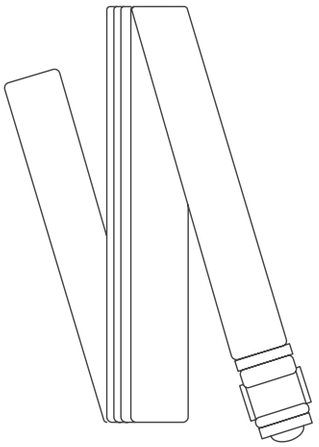
PRODUCT CONTENTS



DUCT
FILTER
(x1)



PREFILTER
CLOTH
(x2)

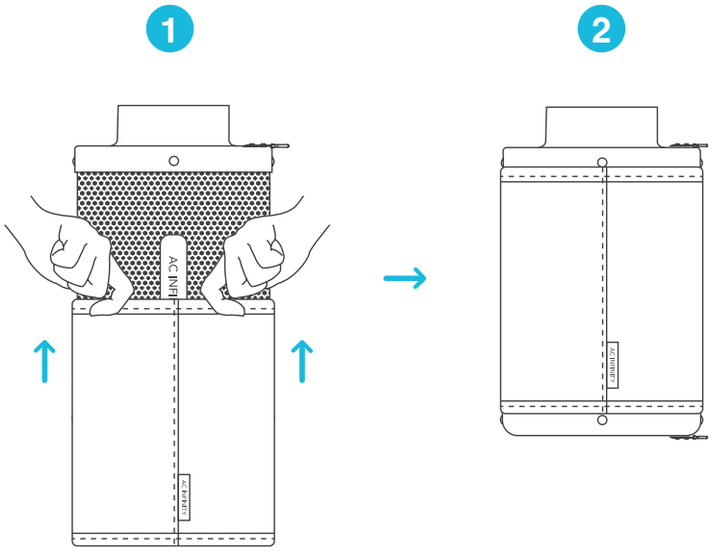


FILTER
STRAPS
(x2)

INSTALLATION

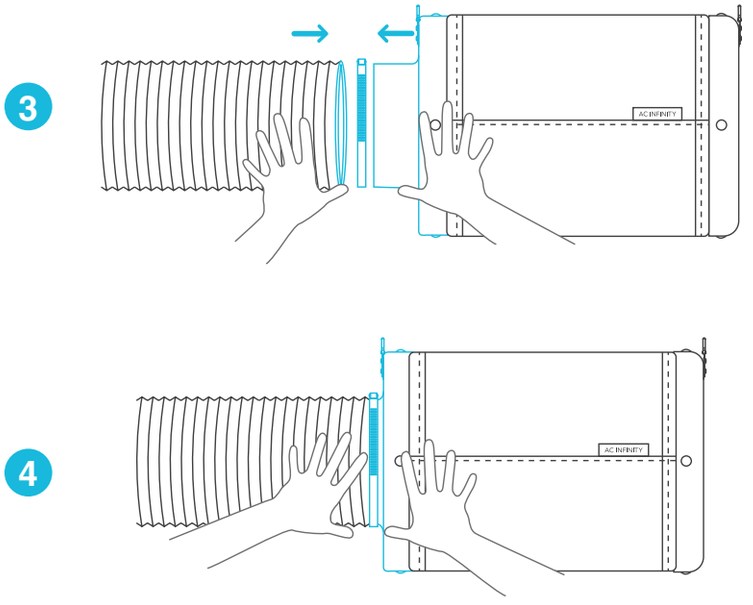
STEP 1

Slip the cloth over your filter to block dust and other particles from passing through. Make sure the entire metal mesh is covered by the cloth.



STEP 2

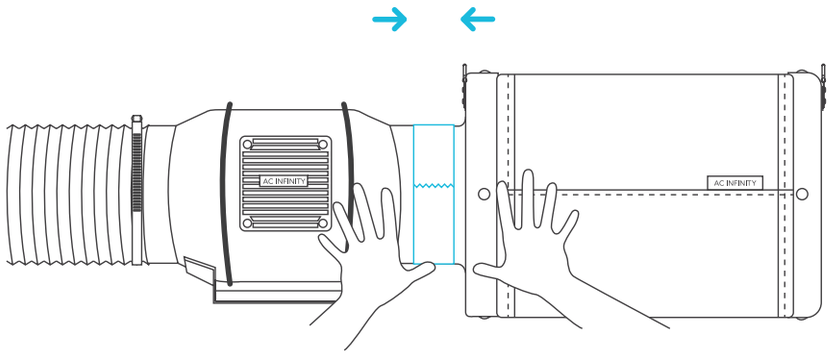
Connect your duct tube over your filter. Use duct clamps to secure the connection. You may also apply ducting tape before using the duct clamps for even further security.



INSTALLATION

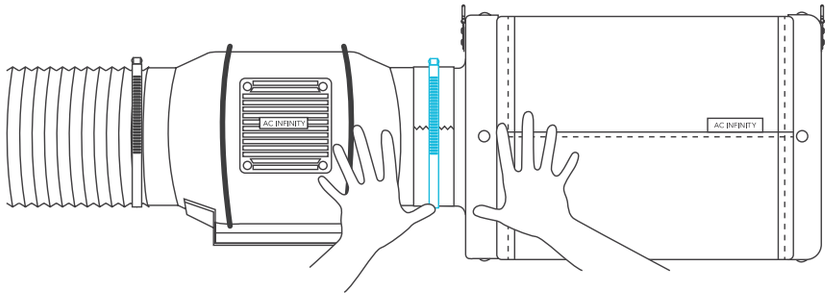
STEP 3

You may also connect your filter directly to your inline duct fan. Use ducting tape to secure them together.



STEP 4

If your filter is placed in a humid space, position it at the highest point possible.

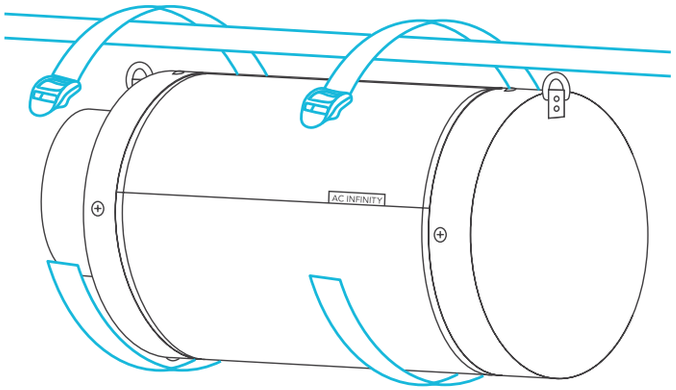


OVERHEAD HANGING

STRAPS

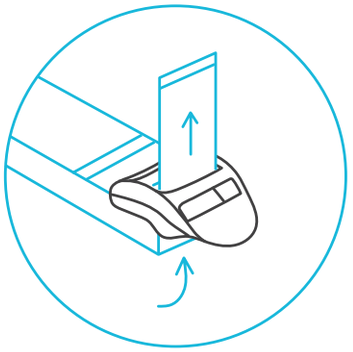
STEP 1

Loop the strap around a hanging pole.



STEP 2

Slip the strap through the inner ladder lock slot from the bottom.

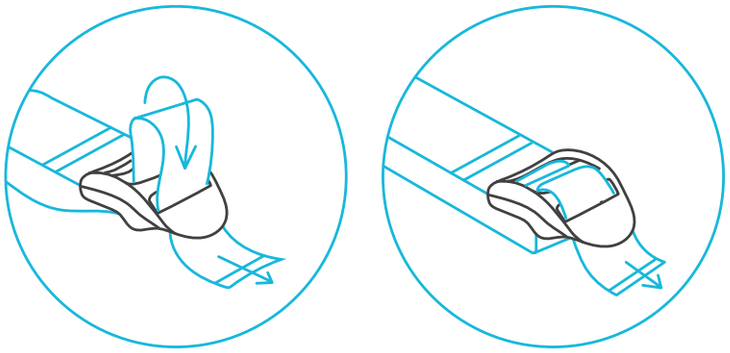


OVERHEAD HANGING

STRAPS

STEP 3

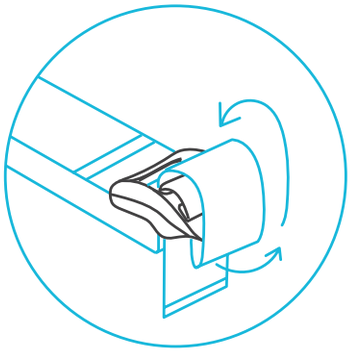
Route the strap into the outer ladder lock slot from the top. Adjust the length of the completed loop as needed.



Adjust to size

STEP 4

Tuck the loose ends through the center gap of the ladder lock to secure the loop.

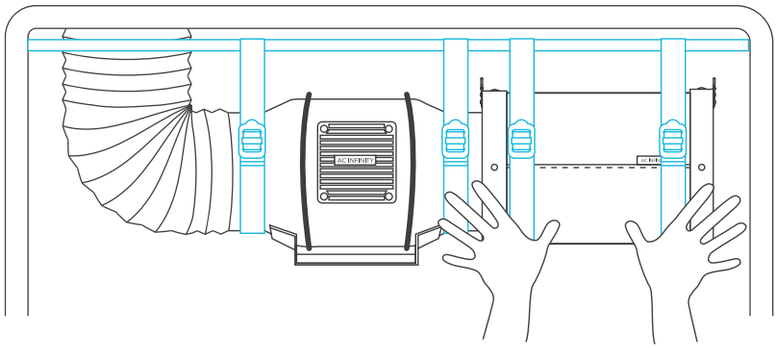


Loop through middle
to lock in place

OVERHEAD HANGING
STRAPS

STEP 5

Connect your filter to your ductwork using your preferred method, as shown on pages 9 and 10.

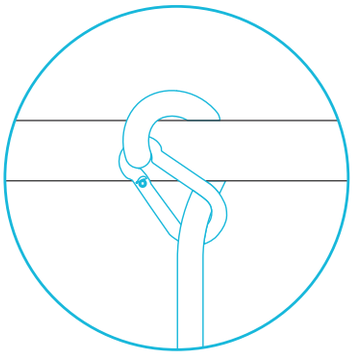


OVERHEAD HANGING

ROPE CLIPS*

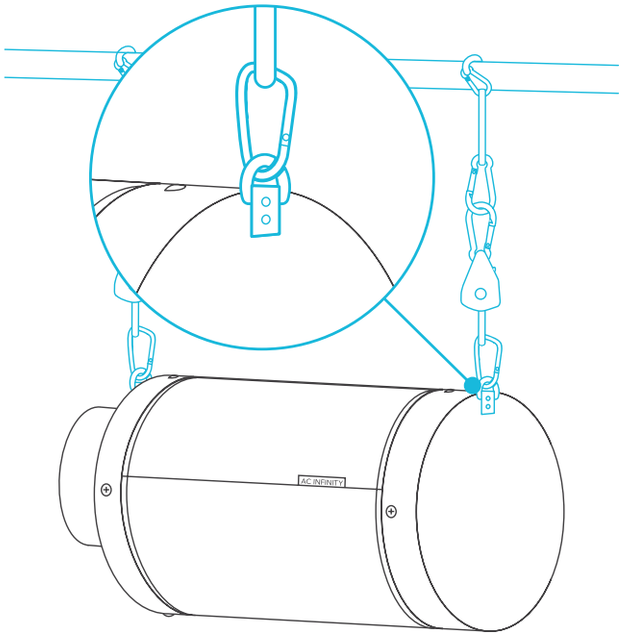
STEP 1

Loop the rope clip hangers around your grow tent's support beams.



STEP 2

Hook the carabiners into the steel hooks located on the flanges.

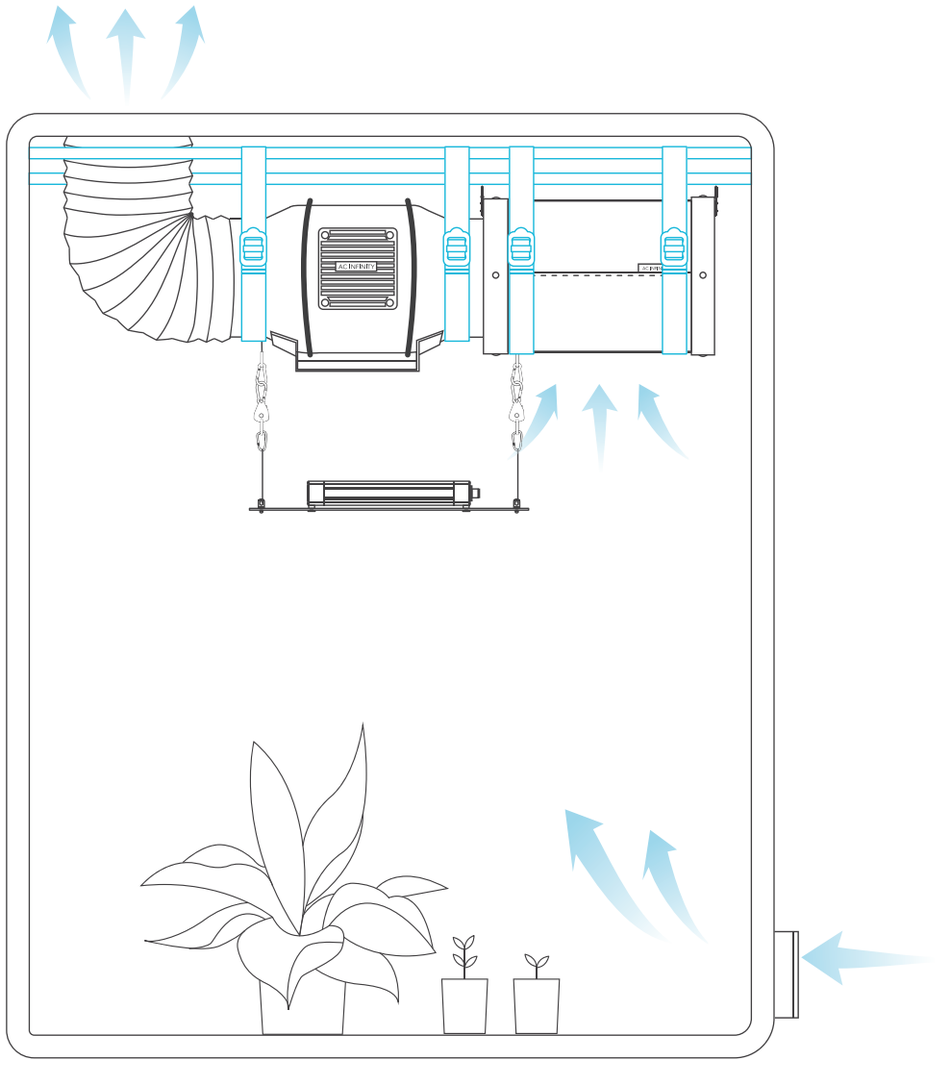


* Sold separately

INSTALLATION
CONFIGURATION SET-UP

INTERIOR HANGING

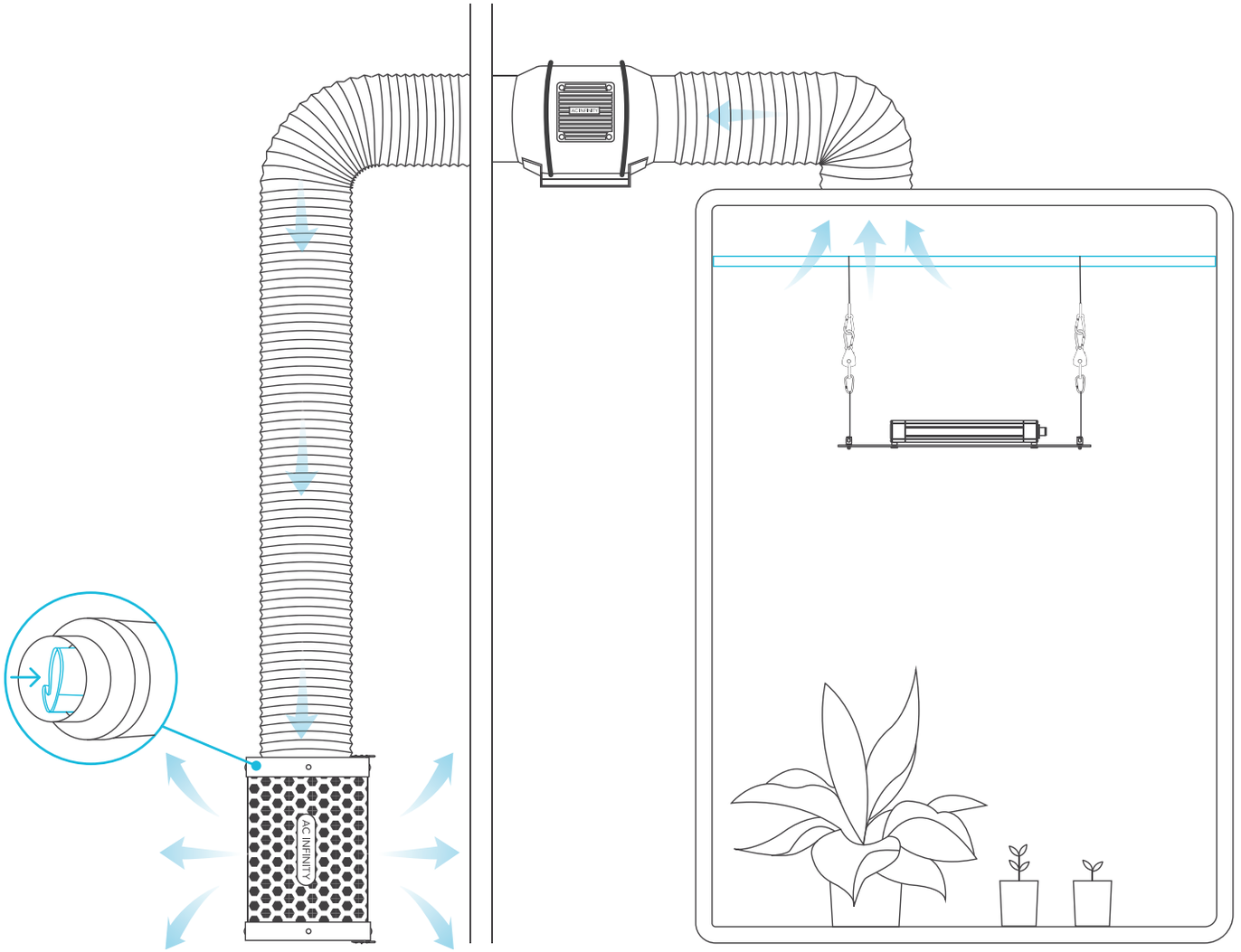
To use this filter in intake applications, place the filter inside your grow space. Make sure your filter is connected to your inline duct fan's intake end before completing the installation.



INSTALLATION
CONFIGURATION SET-UP

EXTERIOR MOUNTING

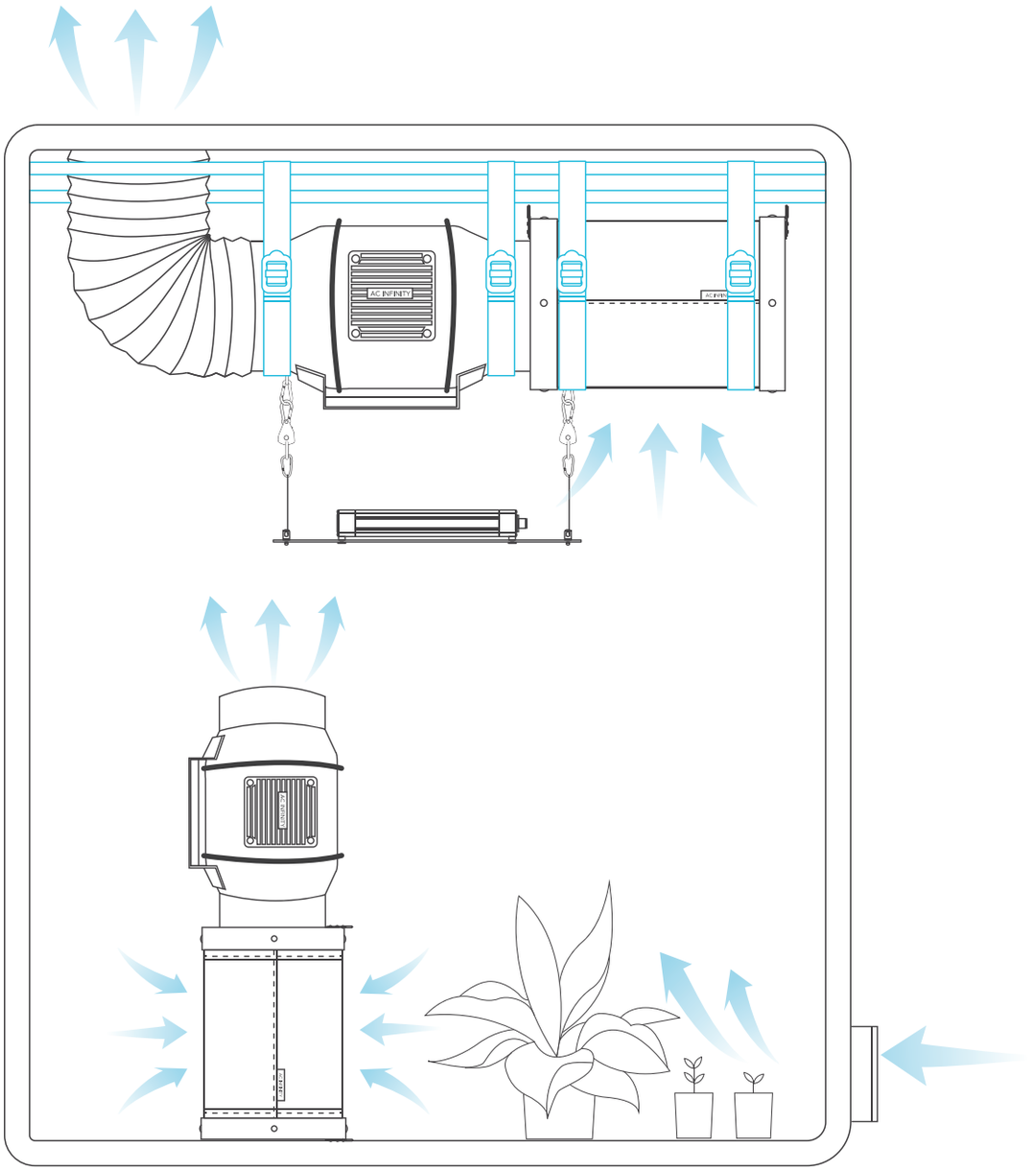
To use this filter in exhaust applications, place the filter outside of your grow space. Make sure your filter is connected to your inline duct fan's exhaust end before completing the installation. Stuff the prefilter inside of the filter to lengthen the carbon bed's lifespan.



INSTALLATION
CONFIGURATION SET-UP

OVERSIZED GROW SPACE

Use a dual fan and filter combination inside your grow space to completely scrub away odor in larger grow rooms and tents. Set the secondary filter on the floor and the inline fan on top of it so that the exhaust end points up.

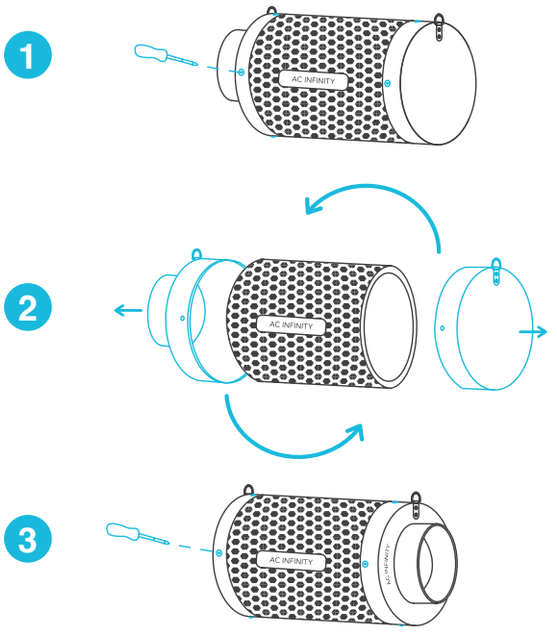


MAINTENANCE

REVERSING THE FLANGES

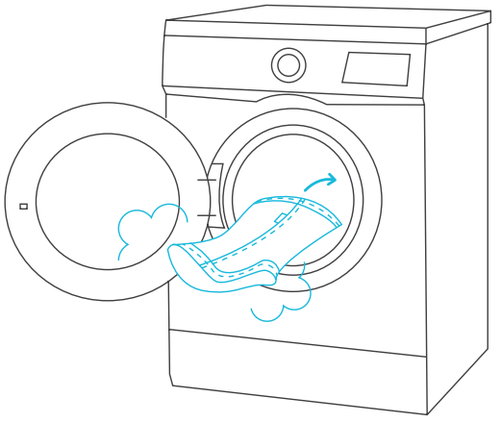
To extend the filter's lifespan and utilize its entire carbon bed, rotate the flanges from either end.

Remove the screws from the flanges to release them from the filter. Replace the flanges on the other ends and screw them back into place.



WASHING THE PREFILTER

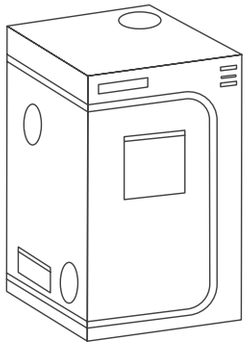
Wash the reusable cloth as needed to clear it of any dust and build-up. This will further extend the lifespan of the filter.



AC INFINITY PRODUCTS

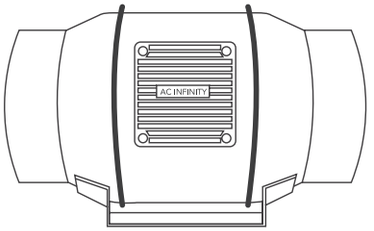
Advance Grow Tents

The CLOUDLAB series is a line of grow tents designed to create ideal growing conditions and facilitate indoor plant cultivation year-round. Features 2000D thick oxford canvas lined with inner diamond patterned mylar that maximizes grow light luminosity, and a reinforced frame with 150 lb. weight capacity. Includes a mounting plate to install your AC Infinity controller onto.



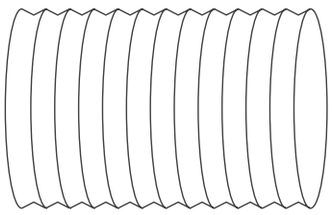
Inline Fans

The CLOUDLINE series is a line of duct fans designed to quietly ventilate AV rooms and closets, as well as various DIY air circulation and exhaust projects. Features a thermal controller with intelligent programming that will automatically adjust duct fan speeds in response to changing temperatures.



Ducting Tubes

The four-layer ducting tube is used to direct airflow, designed for ventilation systems in applications like HVAC, dryers, and grow rooms. It is highly durable and flexible, and can be used anywhere from tight spaces to wide open areas.



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WARRANTY

This warranty program is our commitment to you, the product sold by AC Infinity will be free from defects in manufacturing for a period of two years from the date of purchase. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products sold by AC Infinity or our authorized dealerships. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of purchase. The program will expire two years from the date of purchase. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

Contact our dealers department at **dealers@acinfinity.com** or **(626) 838-4656** for more information about our dealers and distributors program. Contact our customer service department at **support@acinfinity.com** or **626-923-6399** for product and warranty assistance. Our business hours are Monday through Friday, 9:00 am to 5:00 pm PST.

If you have any issues with this product, contact us and we'll happily resolve your problem or issue a full refund!

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