

# *Inspired TEC Clear* Air & Surface Purification



*One-year manufacturers guarantee – details inside*

## Owner's Manual



# CONGRATULATIONS

on your purchase of an Inspired TEC Clear Ice Machine Purification Enhancement System. This unit is designed to be installed into an existing Ice Machine System, and used as a virtually maintenance free air purification technology.

## RECORDS

Purchase Date: \_\_\_\_\_

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

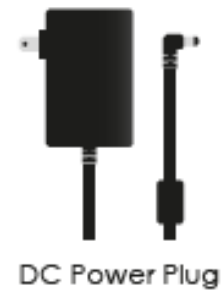
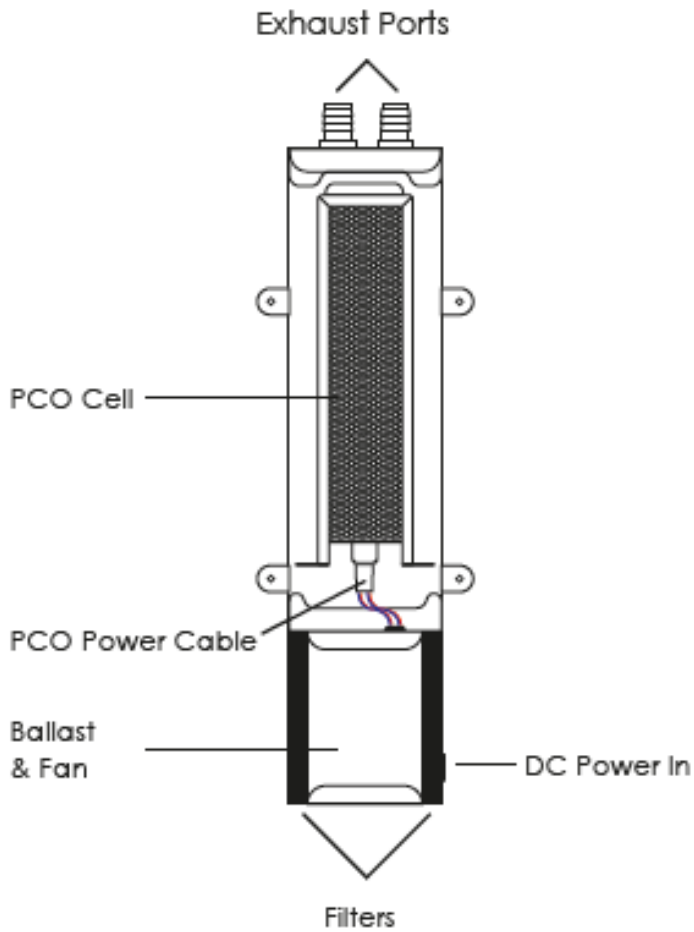
Distributor Name: \_\_\_\_\_

Distributor Phone: \_\_\_\_\_

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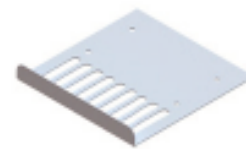
# PRODUCT CONTENTS/UNIT DIAGRAM



DC Power Plug



(4) Filters

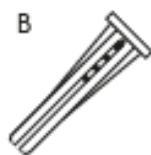


Grill Cover

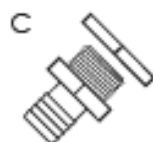
## INSTALLATION HARDWARE



A. (4) Sheet Metal Screws



B. (4) Wall Anchors



C. (2) Bulk-Head Fittings



D. (1) 10' Hose

## REPLACEMENT PARTS

Filter Part #: FILTER-MERV7-25425

PCO Cell Part #: CELL-HV-09-03-AP

# ABOUT INSPIRED TEC CLEAR

Inspired TEC Clear is a new generation Ice Machine Purification System. It is designed to eliminate, bacteria, viruses, and odors from commercial ice machines.

When the Ice Machine is in operation, Inspired TEC Clear creates an Advanced Oxidation Process consisting of hydroperoxides, superoxide-ions, and a safe low level ozone. These are all friendly oxidizers that revert back to oxygen and hydrogen after the oxidation of a pollutant.

## SPECIFICATIONS

### WARRANTY:

- 2 Year Manufacturer's Warranty

### FEATURES:

- Unit Operating Window
- Replaceable PCO Cell

### ELECTRICAL:

- 120VAC 60Hz
- 14W Power Consumption
- .20 Amps

### MECHANICAL:

- Distribution via blower

### SIZE: (HxWxD)

- 4.4" x 4.3" x 18.5"

### WEIGHT:

- 4.7 lbs.

### COVERAGE:

- Up to 1,000ft<sup>2</sup>

## WARNINGS



UV light in operation. Disconnect unit from power supply before servicing. Failure to follow warnings may result in severe eye damage.



To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. The plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.



Never insert hands into the unit's fan motor while it is plugged in or running.



Follow all installation instructions.



Before servicing or cleaning the unit, unplug it from its power source.



Replace the filters regularly to maximize efficiency and avoid damaging your unit.

# RECOMMENDED INSTALLATION TOOLS



Power Drill



13/16" Hole Saw Drill Bit



Knife or Scissors



Longneck #2 Phillips  
Head Screwdriver

# INSTALLATION REQUIREMENTS

## ELECTRICAL REQUIREMENTS (110 V units only)

To use the 120 V plug, be sure to locate the unit within 6 ft. of a standard 120 V grounded outlet. Long term use of an extension cord is not recommended due to safety considerations.

# INSTALLATION

1. Begin by finding an open wall space near your Ice Machine to mount Clear. Make sure it is near a power receptacle and is easily accessible for maintenance or cleaning.
2. Mark four(4) spots on the wall through the holes on the mounting brackets.
3. Pre-drill pilot holes; place wall anchors if necessary.
4. Place the unit and use the Wall Mount Screws to attach the unit to the wall.
5. Be sure to follow all the Ice Machine guidelines below before advancing to Step 6.
  - Be sure your Ice Machine is off and unplugged from the outlet.
  - Empty your Ice Machine of all its contents to avoid contamination.
  - Place tape on the inside of your drill points to minimize the amount of metal that gets into your Ice Machine.
6. Using a 13/16" circular drill bit, drill holes in both your Ice Machine's Ice Maker and Storage Bin for the Supply Tubes.
  - After drilling, clean out any excess debris that may have made it into your Ice Machine.

7. Place your Bulkhead Fittings into the cut holes with the ribbed edge protruding out of the Ice Machine.
  
8. Cut the included Supply Tube in half (or whatever works best with your unit's placement) and attach one end of each to the Air Exhaust Ports of the the unit. Place the opposite ends of the tubes on the newly installed Bulkhead Fittings on your Ice Machine.
  
9. Once installed, plug your unit into the receptacle and enjoy its benefits!

# CLEANING



**WARNING:** UV Light in operation. Disconnect unit from power supply before servicing.  
Failure to follow warnings may result in severe eye damage.



Your Clear's filter should be replaced every 1-2 months depending on the quality of air in the establishment.



If your Clear has any maintenance problems or requires replacement of parts you will need to contact Inspired TEC.

1. Remove the DC Power Cable from Clear.
2. Remove the cover and use an Air Duster to first clear any debris inside the machine.
3. If any remains, wipe it down with a damp cloth.
4. Replace the Cover and Plug in the DC Power Cable.



# CHANGING THE PCO CELL



**WARNING:** UV Light in operation. Disconnect unit from power supply before servicing.  
Failure to follow warnings may result in severe eye damage



If your Clear has any maintenance problems or requires replacement of parts you will need to contact Inspired TEC.

If you need to replace your PCO Cell (**that is no longer under warranty**) for any reason, you will need to contact your dealer to purchase a new one.

1. Remove the Power Cable from Clear.
2. Remove the Cover from Clear.
3. Remove the Power Cable from your expired PCO Cell.
4. Remove the (2) Screws holding the plate beneath your PCO Power Cable into place.
5. Remove the Hooked Plate and expired PCO Cell.
6. Replace the new PCO Cell and the Hooked Plate that holds it in place.
7. Replace the (2) Screws that hold the Hooked Plate in place.
8. Replace the PCO Power Cable into the new PCO Cell.
9. Replace the Cover to secure the PCO Cell in place before plugging your unit in again.

# MAINTENANCE

## Changing the Grill End Plate

Should you decide to use your Clear as something besides an Ice Machine Purification System, you can exchange the Grill End Plate with the Ported Plate that is supplied.

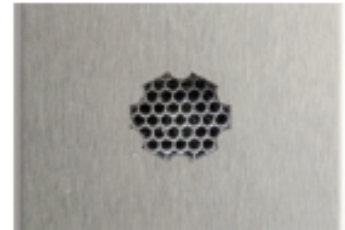
1. Unplug your Clear from the outlet and remove the Cover.
2. Remove the 4 screws holding the nozzled Grill End Plate onto the unit.
3. Place the new Grill End Plate in the same location (with the lip facing into the unit) and replace the 4 screws.
4. Replace the Cover and plug your Clear back into the outlet.

## UV LAMP INDICATOR

Your Inspired TEC Clear unit requires no periodic maintenance beyond normal replacement of the PCO cell every 3 years.

**Note:** For optimal performance, we recommend the replacement of the PCO cell every 3 years, even if the UV lamp appears to be operating normally.

The UV lamp operation indicator on the face of the unit will glow when the UV lamp is in use. If the indicator does not glow and the unit has power, the PCO cell should be replaced.



## DISPOSAL OF THE PCO CELL

Please do not throw a used PCO Cell in the garbage. The special germicidal UVX bulb used in the Inspired TEC Clear contains a very small amount of mercury. Contact your local Waste Management Center for a proper disposal procedure.



# WARRANTY INFORMATION

Your Inspired TEC Clear is warranted to be free from all defects in material and workmanship in normal use for a period of (2) years from date of purchase.

The warranty is granted only to the original purchaser. The warranty is subject to the following provisions.

This warranty does not cover parts of the Air Purifier that require replacement under normal use. Although the PCO cell requires periodic replacement, the cell is warranted for the same 1 year period as the purifier. Any damages or malfunctions caused by negligence, abuse, or use not in accordance with the Owner's Manual are not covered by this warranty. Likewise, any defects or damages caused by unauthorized service or the use of other than Genuine Inspired TEC parts are not covered.

Inspired TEC will, at its option, repair or replace a defective Air Purifier or part(s) for the Air Purifier that is covered by this warranty. As a matter of warranty policy, Inspired TEC will not refund the customer's purchase price.

To obtain warranty service you must return the defective Air Purifier or Air Purifier parts along with proof of purchase to the Inspired TEC Authorized Warranty Station. All transportation charges on parts, or units, submitted under this Warranty shall be borne by purchaser. Unless this Warranty is expressly renewed or extended by Inspired TEC, any repaired or replaced part of unit shall be warranted to the original purchaser only for the length of the unexpired portion of the original warranty. For the location of the nearest Inspired TEC Authorized Warranty Station or for service information in the United States or Canada, please visit us online at:

[Inspiredtecllc.com](http://Inspiredtecllc.com)

## **Further Limitations And Exclusions Are As Follows**

Any warranty that may be implied in connection with your purchase or use of the Air Purifier, including any warranty of merchantability or any warranty for Fitness For A Particular Purpose is limited to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Your relief for the breach of this warranty is limited to the relief expressly provided above. In no event shall Inspired TEC be liable for any consequential or incidental damages you may incur in connection with your purchase or use of the Air Purifier. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## **Registration**

Please register your new Inspired TEC Air Purification product within 10 days of purchase by filling out and returning the enclosed warranty registration card. Registering your new Inspired TEC product entitles you to the most up-to-date Inspired TEC product warranty and promotion information.

Inspiredtec1lc.com

