

AiroFresh® - installation and servicing guidelines.

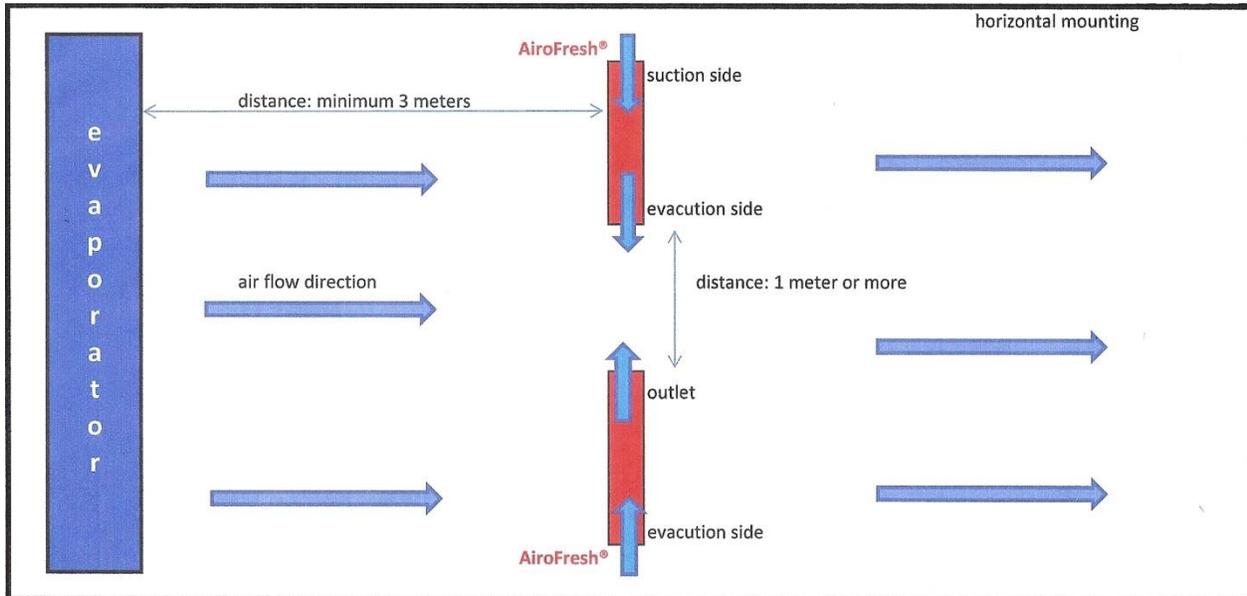
The AiroFresh® has 2 specifically designed mounting eyelets fitted to both ends of the top cover. These eyelets can be used to suspend the unit vertically or horizontally.



The weight of the AiroFresh®1000 is +-9kg and the AiroFresh®4000 is +-39kg, so a secure anchoring point is essential.

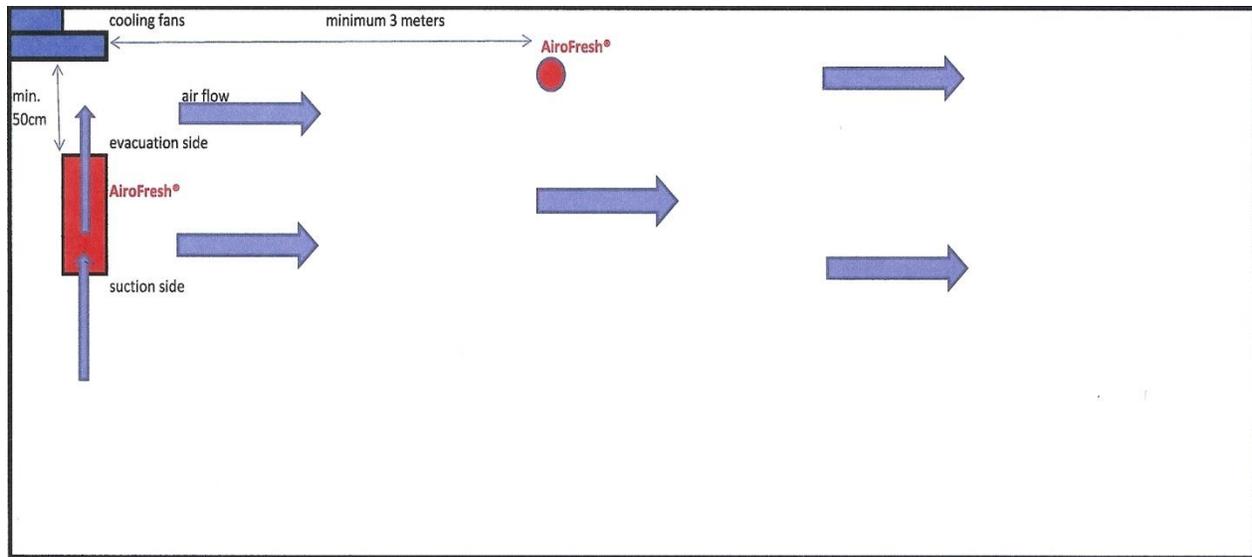
Depending on the individual circumstance, a chain is cut to the appropriate length and bolted or clipped to the unit is the recommended method of suspension.

For best results in cold storages, place AiroFresh® inverse to any direct air flows, as shown. This unit regulates airflow with its own internal fan unit to ensure optimum performance. Direct external airflow could cause the airstream within the unit to exceed required rates of benefit.



Cooling fans – Evaporators.

For best results suspend the AiroFresh® unit in the top 1/3rd of the room. Ethylene has a density less than 1 and is therefore slightly lighter than air. It rises in fruit/vegetable/ornamental storages. This position also keeps it out of harm's way and provides most effective air cleaning in constant airflow. Air movement in the storage is important to ensure the AiroFresh® is constantly fed with contaminated air. If air conditioning units "cycle off" for long periods it will be useful to have a constant running fan unit in the storage area.



AiroFresh® (vertical)

AiroFresh® (horizontal)

The vertical mounting is the most practical and most easy way to mount under the evaporators. The exhaust side must be minimum 50cm up to max.100cm away from the evaporator. If less than 50cm the evaporator will suck the air to fast through the tube so that the air treatment can't be done correctly as it should be.

When hung horizontally, the AiroFresh® tube is vertical on the airstream. If in line with the air stream and close to the evaporator the air will be pushed through the tube. The unit will not be able to execute the correct air treatment.

Important:

For optimum performance, AiroFresh® should be installed where free flowing air currents are available. **The unit must run continuously 24/7.**

It is advisable to install a ventilator opposite in the flow of the evaporators to pull down the air from the ceiling to floor to assure a good circulation.

The AiroFresh® requires a yearly Service and Maintenance procedure to produce the best possible results.

Warning and Safety.

AiroFresh® is a technology that can provide great benefit but if not respected or used appropriately can also cause injury.



Never look directly at the high intensity UV light operating inside the AiroFresh®. This can cause blindness and/or eye irritation. See medical assistance urgently.

Do not open or dismantle the AiroFresh®. This may result in electric shock to the person or render the AiroFresh® inoperable.

AiroFresh® is constructed of high impact materials for industrial purposes and specially designed. **Impact from this unit falling could cause severe injury.**

The unit relies upon reactions that are occurring within the tube. **Do not place any objects inside the tube** including fingers. Injury may occur.

Do not cover the air flow ends of the AiroFresh®. The fan feeds a predetermined level of airflow through the unit to ensure optimum efficiency of operation and cooling. Both ends of the AiroFresh® must remain clear.

Do not place the AiroFresh® in direct water flow or submerge. This unit, whilst water resistant, it is **not water proof**.

Keep out of the reach and sight of children!!