



UP TO
5X
LIFE
EXTENSION

**ETHYLENE
FILTRATION SYSTEMS**

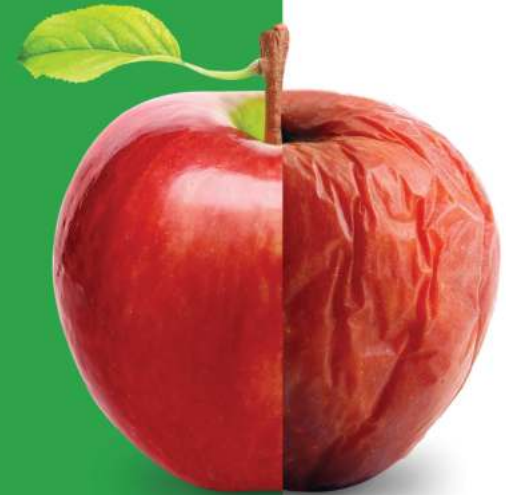


**KIF Scrubber
TURBO**

- REMOVES ETHYLENE
- INCREASES SHELF LIFE
- PREVENTS MOULDS FUNGUS
- COVERS 3000 CBM / 100,000 CU FT
- ZERO MAINTENANCE*
- DECREASES ODOUR
- LOWERS CROSS CONTAMINATION



KIF Scrubber TURBO



HOW IT WORKS

Keep it fresh scrubbers will reduce ethylene levels up to 98.9 percent to reduce shrink and extend shelf life. The unit holds 50 kgs of the Kif power Balls. The media can effectively lower ethylene gas readings in storage areas from 75,000 to 150,000 cubic feet, depending on the commodities being stored. In larger rooms more machines can be used. It can also be proven to kill molds, rots, bacteria and remove odors.

Each unit uses 50 kgs of media to get the proper air speed across the pellets for the reaction time needed to remove the ethylene gas. The media start out a bright purple and turn brown from the outside in. When there is 25% purple and 75% brown it is time to change the Kif power Balls.

You can place the unit most anywhere in the room, as the units are on casters, just make sure you don't block the air flow. The unit works in conjunction with your cooling system air movement.

THE TRIAL & RESULTS

After the trial, conducted over a period of 16 days, the total kgs of produce lost in the control replicate was 18.18 kgs, equating to a value of \$64.50. In the KIF Turbo treated environment, produce loss was only 6.80kg valued at \$24.12

Client has reported that they have certainly been impressed with the results seen from the KIF Turbo unit. There was roughly only half the spoilage from produce treated by the Turbo solution, compared with produce that hadn't been.

The impact of this saving over the entire season is going to deliver a rapid return on investment for client.





KIF SCRUBBER PLUS
50,000 CFT AREA

KIF SCRUBBER TURBO
100,000 CFT AREA

FEATURES

- Removes mould and fungal growth, decay, discoloration in results no wilting, softening, scald, loss of crunch, tenderness, weight loss etc.
- Use during postharvest handling of produce (fresh fruits, vegetables and flowers)
- Slows down the deterioration rate.
- Use during storage or domestic and international shipments like via air, sea, reefer vans, train trucks, moving coolers, kitchen refrigeration units and cold storages.
- Nature friendly, made up of natural minerals, chemically inert and non-toxic.
- Can be decomposed of as normal waste.

APPLICATIONS

- Protection of Fresh fruits, vegetables and flowers from ethylene, moisture and fungal effect.
- Increases the shelf life of produce in CS/CA rooms.
- Inhibits ripening, growth of mould and fungus.





SPECS	KIF SCRUBBER PLUS 50,000 CFT AREA	KIF SCRUBBER TURBO 100,000 CFT AREA
DIMENSIONS	850 x 730 x 730 mm	910 x 750 x 460 mm
WEIGHT	55 Kg	90 Kg
TRAY SIZE	545 X 250 X 560 mm	600 X 290 X 280 mm
VOLTAGE	110 V / 220 V	110 V / 220 V
AMP	1 AMP	2.5 AMP
CHANGE CYCLE	Approx 1-2 months	Approx 1-3 months
BLOWERS	1	2

Warranty - Machine has a standard warranty of 3 years from the date of installation for all electrical and blowers