

UVDT: Ultraviolet disinfection tunnel

An **alternative** to chemical treatments

In confined and humid atmospheres, flowers can develop the Botrytis mold which makes them unable to sell. Implementing appropriate treatments helps **prevent significant losses**.

Solve contamination problems in all areas of the production process:

- Petals disinfection infected by **Botrytis Cinerea**
- Elimination of bacteria and fungi in suspension in cold rooms
- Recycling and disinfection of water, nutrient & post-harvest solutions

Our solution:

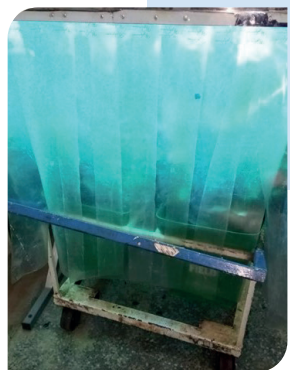
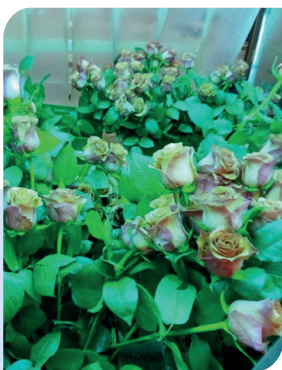
UVDT is an industrial concept of order preparation and pre-packaging treatment allowing the **drying and disinfection of flowers before shipment**, by directly treating problematic microorganisms at the source, i.e on the **petals of flowers**.

Description

- Totally eradicate fungus, virus and bacteria like **botrytis**
- Petals and flower buds preserved with less handling
- UVDT last treatment before shipment
- Flower, petals and stems get irradiated for one minute average

Technical advantages

- Trolley disinfection efficiency = **600 stems/min per trolley** under UVDT
- **Sealing of the cables** next to the fans
- **Easy height positioning** adapted to buckets and stems height
- **High powerful fans** for drying the stems
- Metal pulleys, length increased, **strong stability**



Characteristics

- Lamp's life time: 9 000 hours
- Electrical power: from 570 to 950 W/h
- Supply: 220-230 V AC 50Hz



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