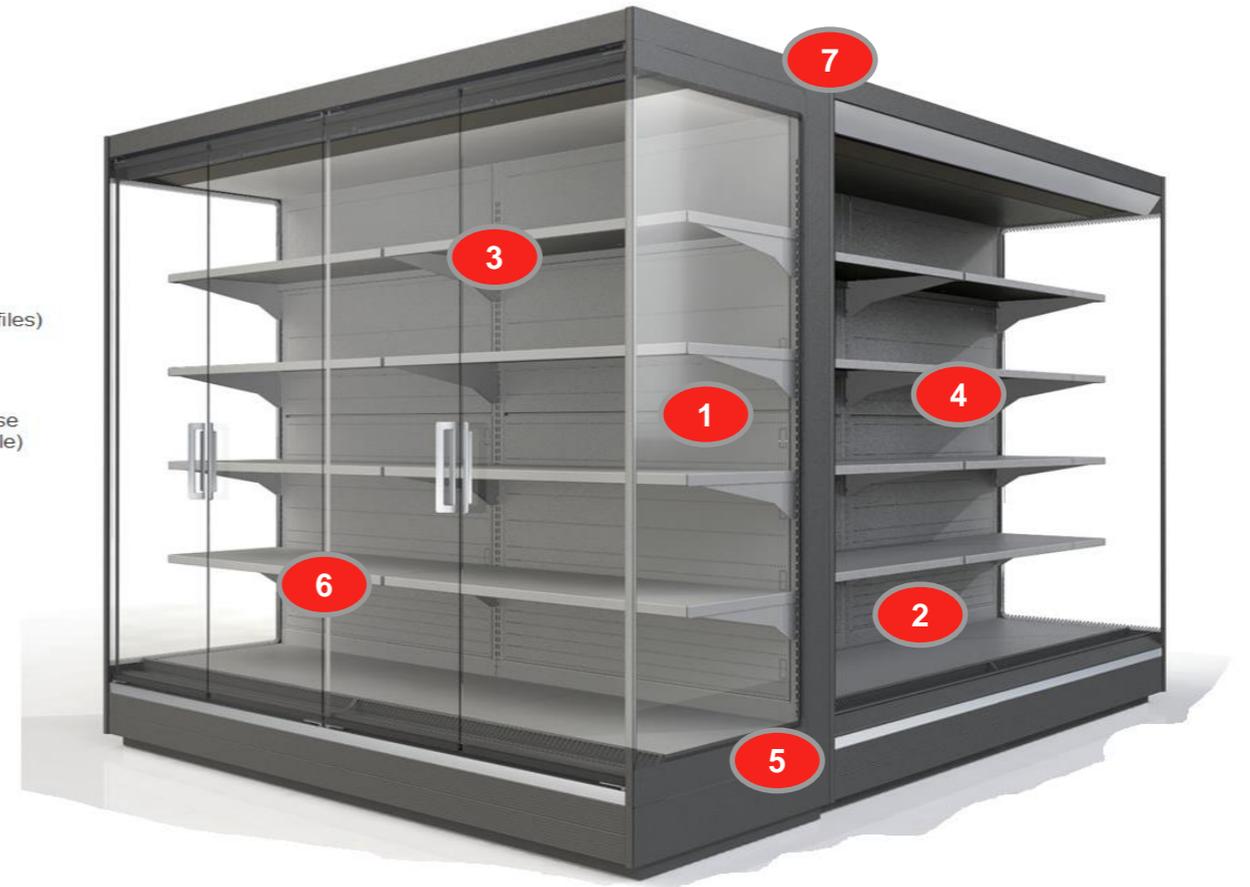Viessmann Refrigeration Solutions

MultiDeck: MD5

Henk Vroom
Viessmann Refrigeration Solutions Benelux

We care for cold

TectoDeck MD5 – Main Features

1 Excellent product visibility
- Intergrated door
- New lightning solutions

2 Strong performance in all conditions
- Reliable product temperatures with high evaporation temperatures
  - 3M0 (GD), 3M1 (open)
  - 0M0 (GD, 0M0 (open)

3 Energy efficiency inventions
- Maximised, tight glass doors
- Motorised night curtains
- Energy saving fans
- LED lights

4 High shelf load capacity
- Shelves 160kg/m^2 , bottom level 400kg/m^2
- No bending on fitment

5 Space efficient design
- Even 23% more capacity (vs. back wall evaporation cabinets)

6 Easy to clean and service
- No need for tools, no cutting sides

7 Easy to installate
- Fast and precise lining
- Simple sanitation
- Option for internal piping

RAL 7016

Aluminium natural (profiles)

Zamack handle (as close to aluminium as possible)

Light gray

Technical Facts: MultiDeck MD5 GD

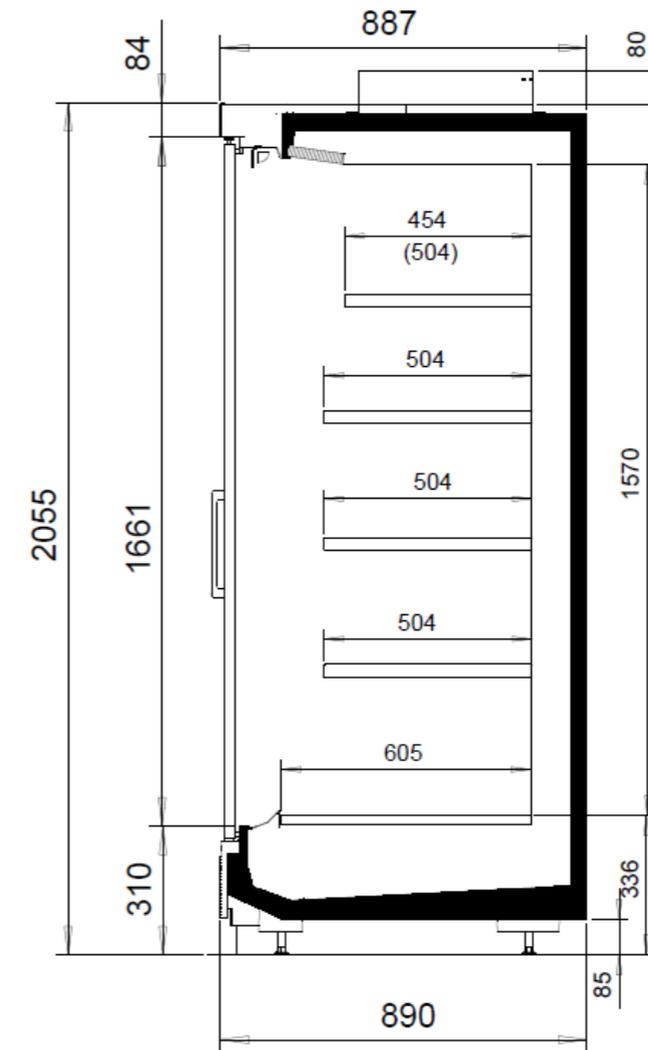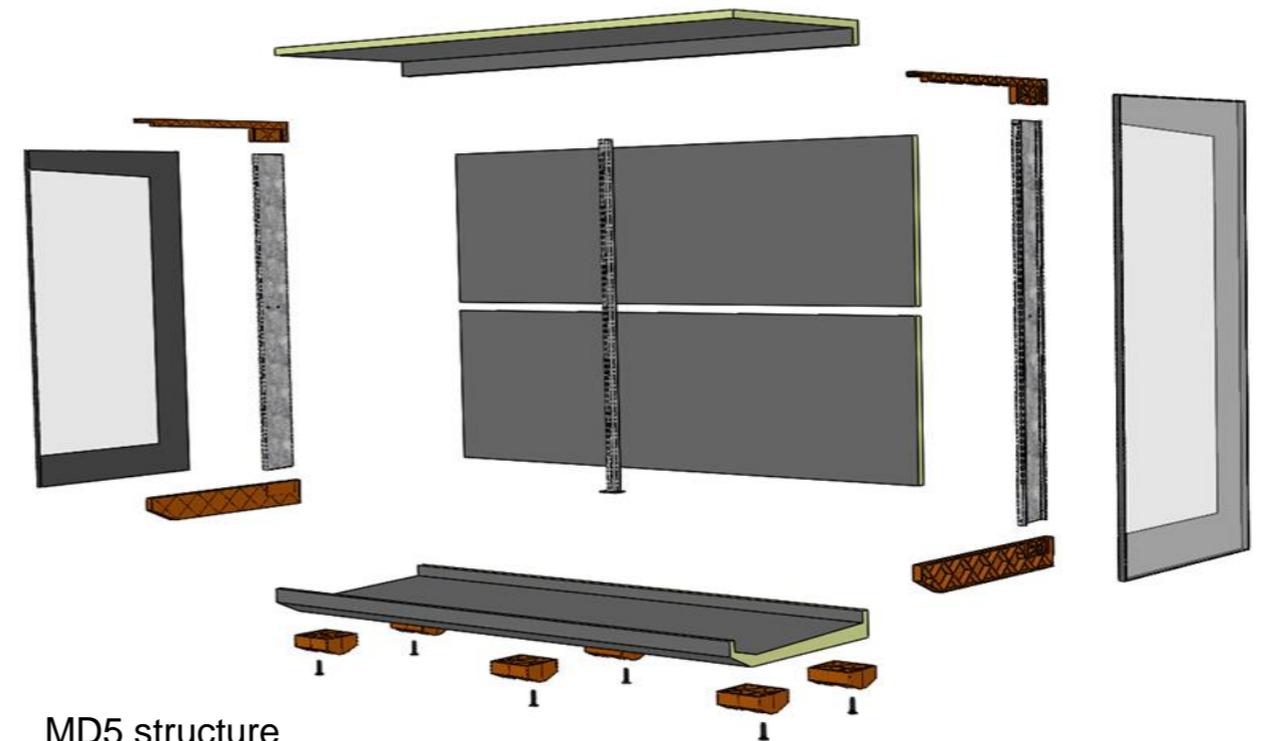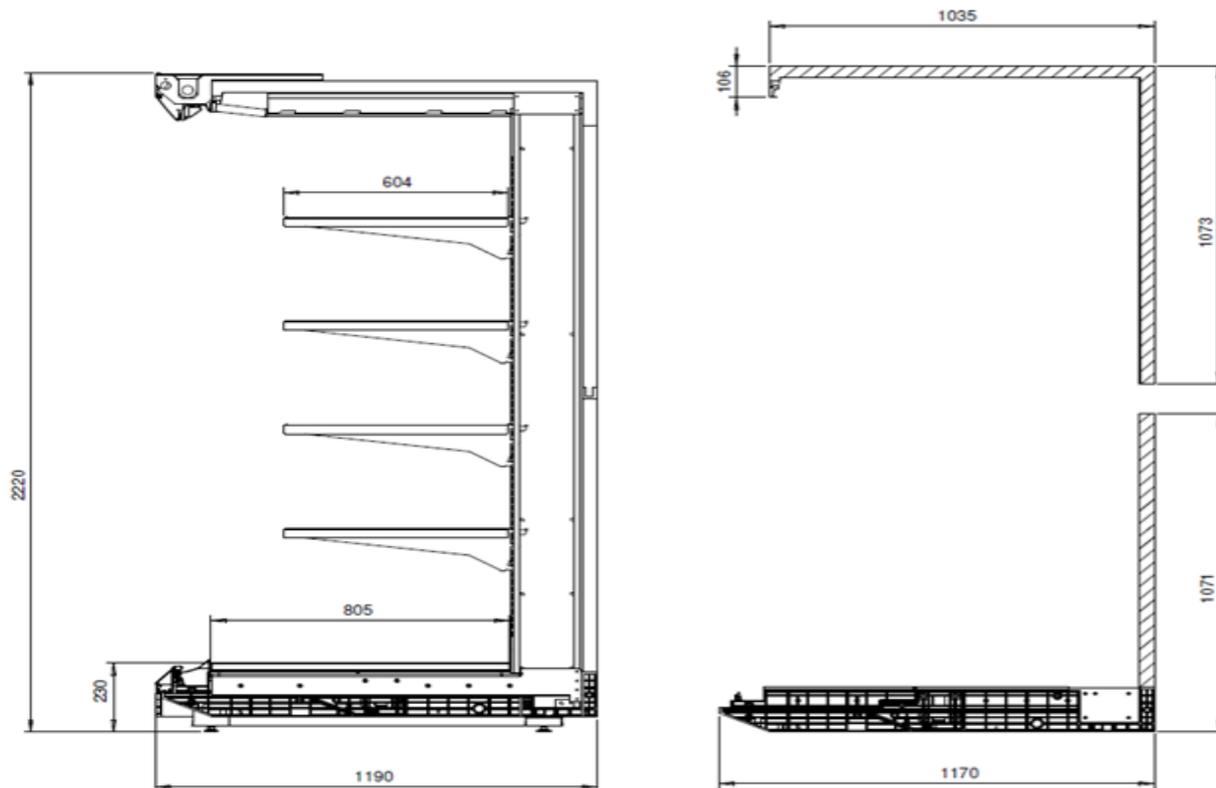| TectoDeck MD5 GD |
| --- |
| Bottom evaporator with energy savings fans |
| Refrigerant R744 (CO2, charge 560g), R448, R134, R404A (charge 640g), Brine |
| Temperature range +0...+2, +2...+4 |
| Expansion valve: Danfoss EEV, Carel E2V |
| Controllers: Carel MXPRO, Danfoss AK, Dixell, Eckelmann, Wurm |
| Glass doors options: Double Glass Door, Double Glass Door Transparent Saver |
| 4 shelves with brackets : 45/504mm (top), 504 mm(bottom) + 605mm base level |
| LED shelf lights, door lights and top canopy light |
| Adjustable feet |
| PipeMOST available |
| Energy consumption: min 64 (min) / 994 (max) kWh/24h |
| Rated temperature class: MD5 GD = 3M0, MD5 open = 3M1 |

TECTODECK MD5-30-89-206-GD

Design features for better efficiency and quality

* Only 1 seam located in middle of back wall
* No need to use silicon for sealing purposes
* More accuracy with high class aluminium profiles
* Keybars with 25mm intervals gives 6 additional positions for shelves
* Sheet metal used as a cover in all foaming parts
* As little screws used as possible

MD5 structure

Colors for inside and outside

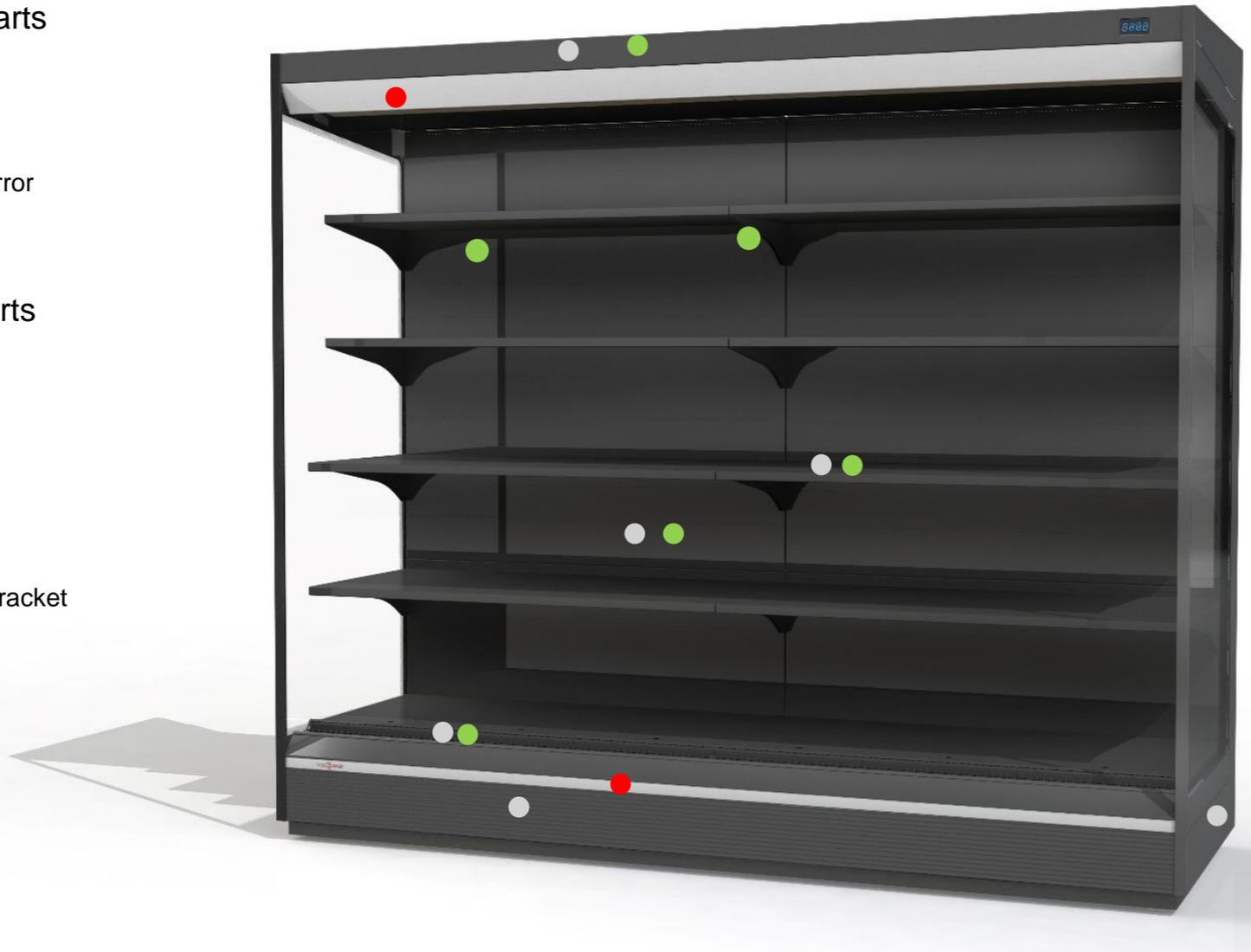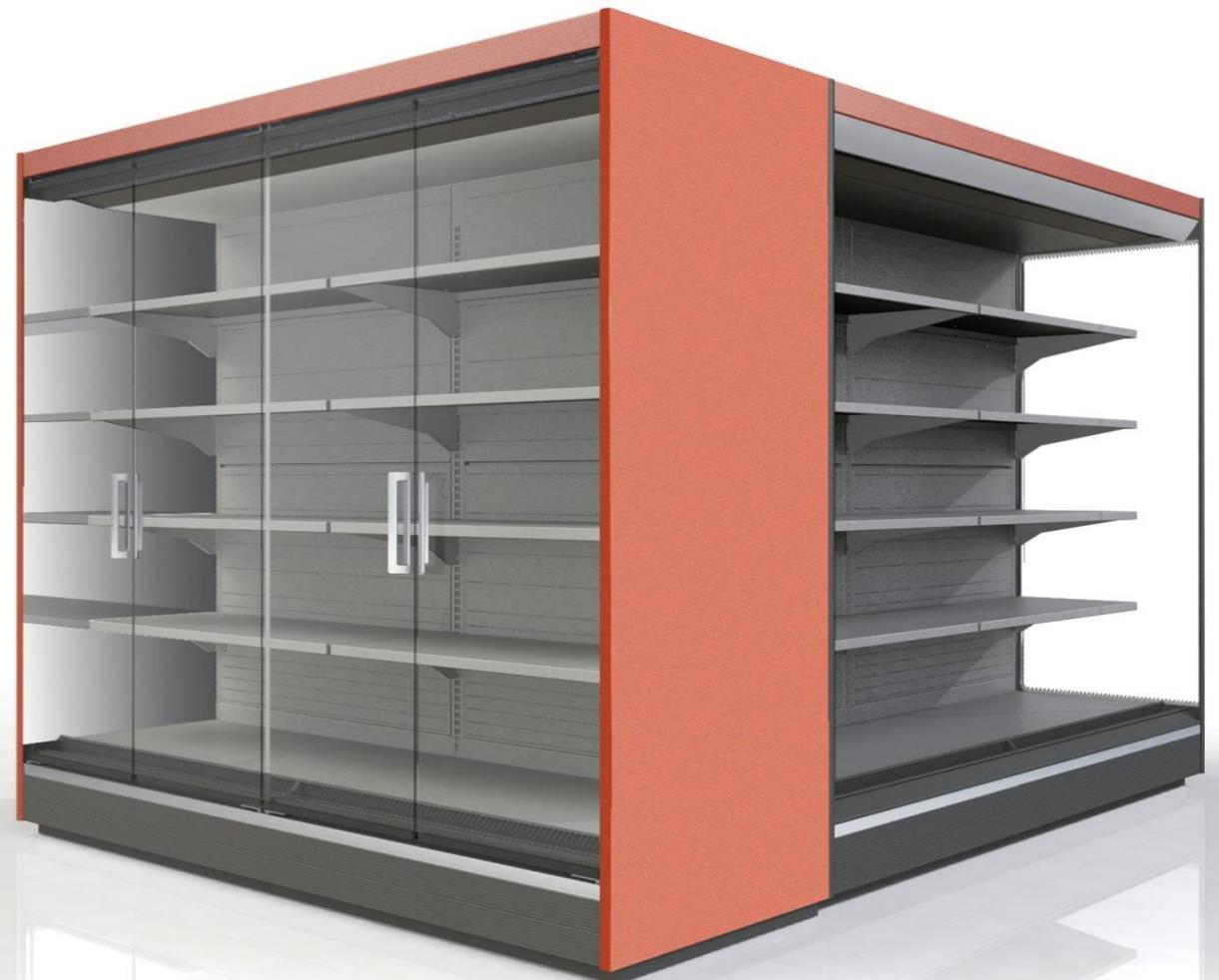**Exterior cabinet parts includes:**
- Canopy
- Pipe covers
- Cover plates
- Cover plate for mirror end panel
- Plinth plate

Interior cabinet parts includes:
- Suction grid
- Bottom hatch
- Back wall plates
- Ceiling plates
- Keybar

- Roll holder
- Vegetable Plate Bracket
- Vegetable Plate
- Front Grid
- Bottom front rail

- Shelves
- Consoles
- Mirror frames
- Hook rails

Vitosilver & Aluminium   RAL 7016   Customer color

Colors for customers

VIES**SMANN**

MD5 Cabinet Lights - Alternatives

❋ Alternatives for TectoDeck MD5 are based on customer's
   needs:
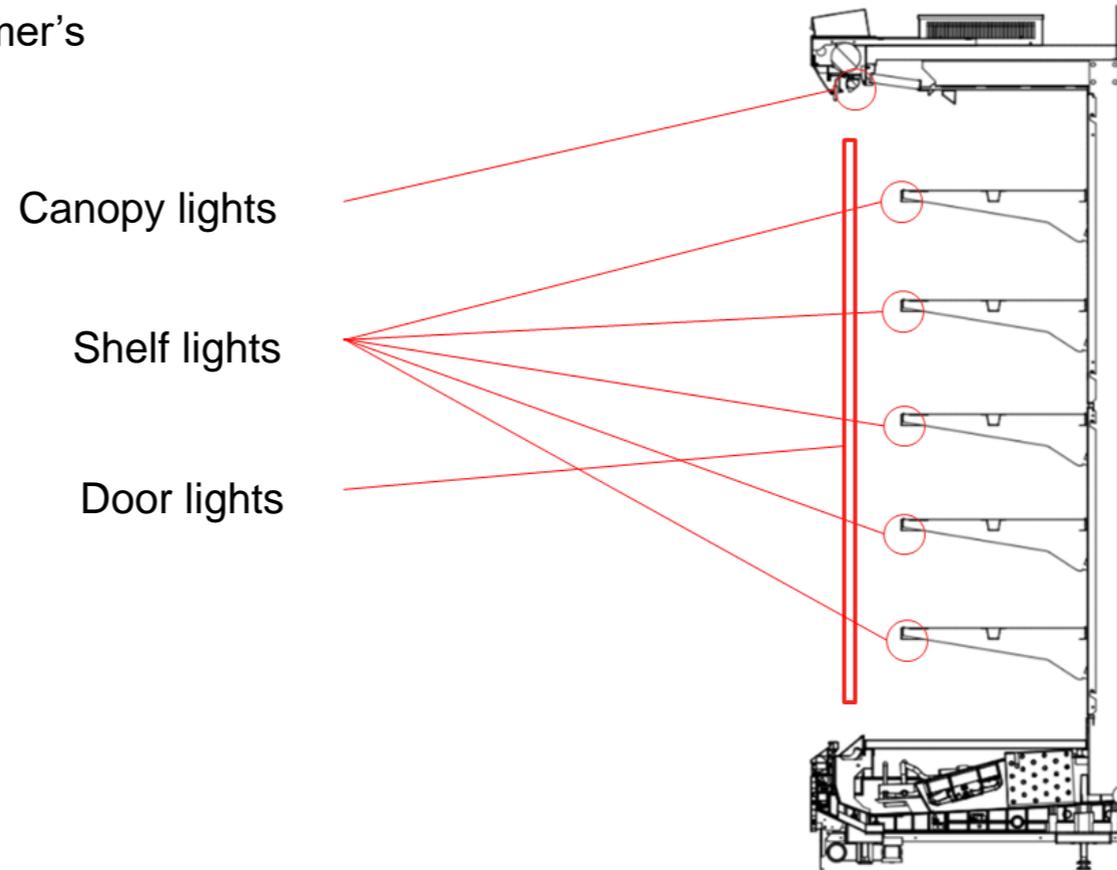
  ❋ Canopy lights only

  ❋ Shelf lights only

  ❋ Door lights only

  ❋ Canopy lights + Shelf lights

  ❋ Canopy lights + Door lights

  ❋ Shelf lights + Door lights

  ❋ Canopy lights + Door lights + Shelf lights

❋ Available tones:
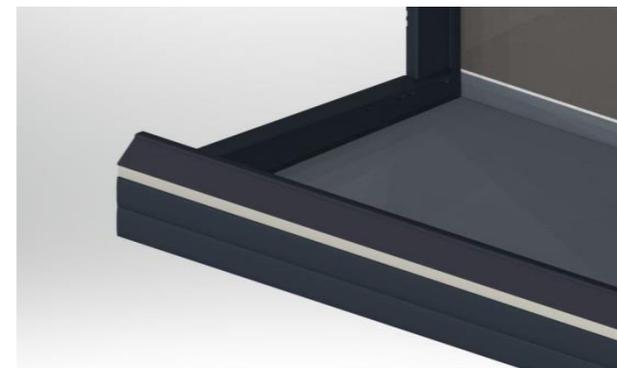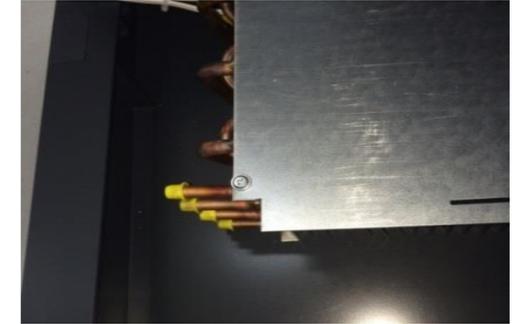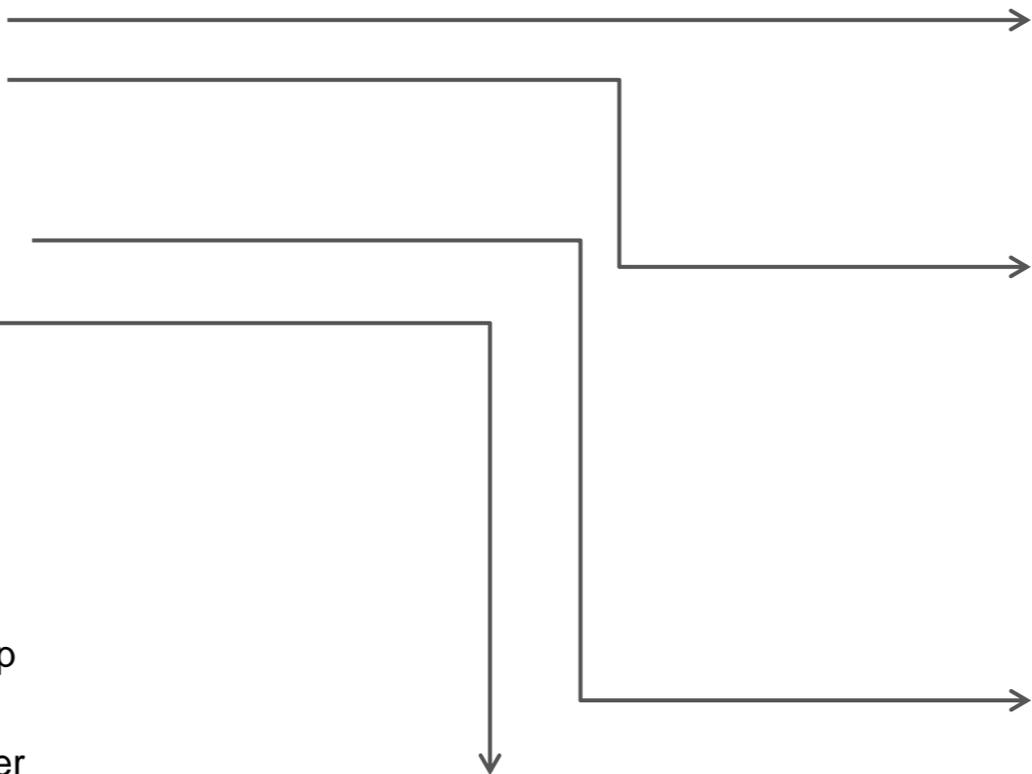
  ❋ Warm white (2700K)

  ❋ Neutral White (4000K)

  ❋ Reddish (076)

❋ LED Light manufacturer: Philips, Self
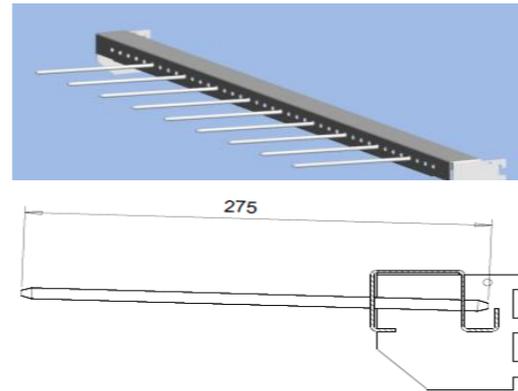
Canopy lights

Shelf lights

Door lights

MD5 ensures easy cleaning & service operations

❋ Removable parts does not require tools

    ❋ Easy to get to evaporator

    ❋ Roof parts and honey comb are removable

    ❋ Suction grid is easy to clean

    ❋ Back wall is removable without tools

❋ Seamless bottom structure

❋ Smooth interior is easy to clean

❋ One drainage per cabinet

    ❋ Water seal trap by default

    ❋ Combined drainage outlet and water sealing trap
      (takes only 6,5cm space, earlier 8,5cm)

    ❋ Now cleaning is possible also from bottom, under
      the water seal lock.

Options and Accessories

✳ 32mm full glass ends, 40mm mirror ends and 40mm half glass ends

✳ Shelves and consoles with 25mm control range

✳ Front Edge Ticket Strip Holder

✳ 8mm / 275mm hook rails

✳ Light delivery package
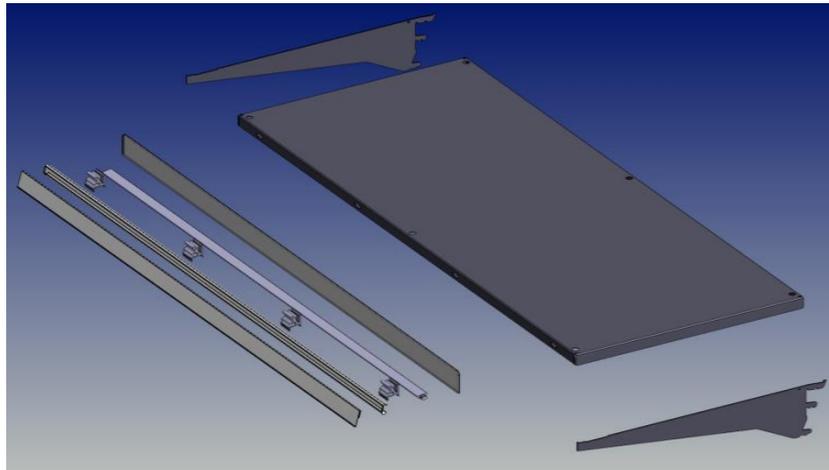
Other Accessories

✳ Acrylic front risers: 60mm, 90mm, 140mm

✳ Grid divider for bottom shelf: 55mm, 80mm, 130mm

✳ Acrylic front risers for shelves: 40mm, 80mm

✳ Acrylic divider for shelf: 120mm, 200mm

✳ Vegetable shelf: 365mm, 465mm, 580mm, 650mm,
                                   750mm, 860mm, 900mm, 960mm

✳ Mirror frames: 250mm, 430mm, 650mm, 3-step mirror

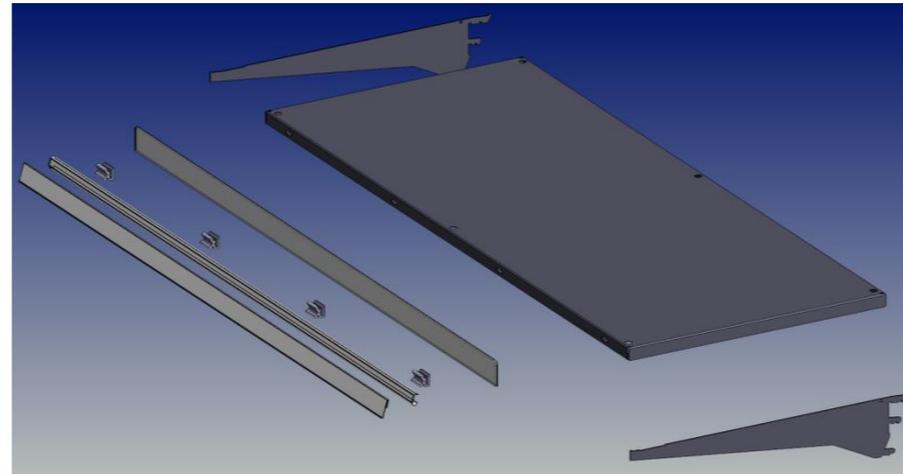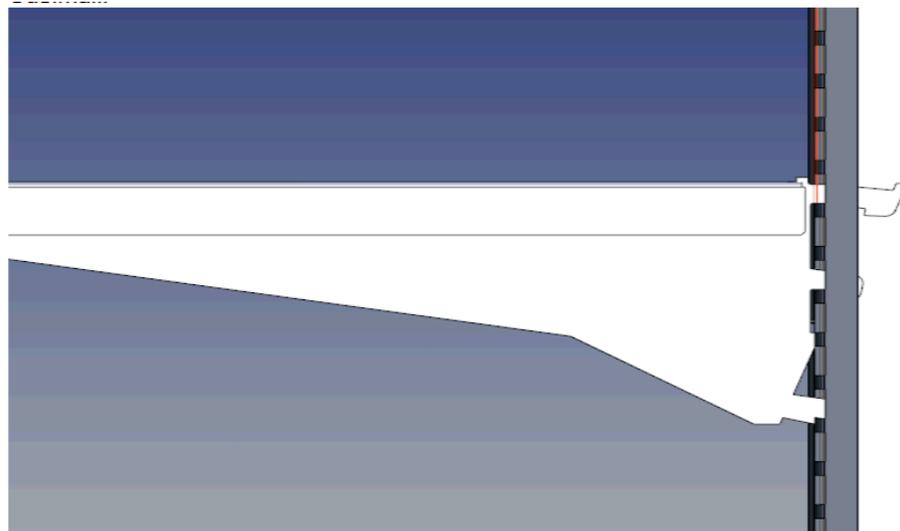# TectoDeck MD5 Shelves and Consoles

✳ Acrylic front with shelf light

✳ Acrylic front without shelf light

✳ Ticket strip and shelf light

✳ TectoDeck MD5 console keybar interval is 25mm