

5. Display Cases – refrigerated

for serve-over



Information Refrigerated Display Cases

When selecting a refrigerated display case, it should be clarified in advance, whether the display case should be equipped with transparent safety glass or with insulated glass.

Advantages safety glass:

- Low-priced
- Transparent product presentation

Disadvantages safety glass:

- Higher energy consumption
- Steamed panes (condensation) in case of increased humidity
- Steamed panes (condensation) in case of low internal temperatures

Advantages insulated glass:

- Lower energy consumption
- Longer freshness due to reduced dehydration of the goods
- In case of high air humidity no condensation or rather low condensation on the panes

Disadvantages insulated glass:

- Higher cost price
- Edges of the glass panes less transparent

When should refrigerated display cases with insulated glass be used?

- Whenever an increased humidity can be expected at the site
- Whenever internal temperatures below 7° are required
- If there are ovens, fryers and cooking equipment in the vicinity of the display case
- In the vicinity of lakes and swimming pools
- When a high product quality with little dehydration of the goods is required
- If energy saving is an important aspect



Example with insulated glass



Example with safety glass

Abbreviations of the Snack-Counter names:

- BE – Serve-over
- DT – Wing door
- E – Angled glass construction
- H – Sneeze guard, protrusive
- HK – HOT-COLD
- KO – Open on the customer side (without glass)
- KST – On the customer side with sliding doors

- LS – Air curtain
- OU – Intermediate shelves uncooled
- RG – Rear panel closed
- S – Slanted glass construction
- SB – Self-service version with flaps
- SP – Mirror-like rear panel
- UK – No-frost system (without intermediate level)
- VT – Deepened cooling pan