



High quality components ...



...in a sturdy stainless steel cabinet

## Main characteristics

- Capacity: 110 kg/24 h flake ice chipped type
- Production of flake ice chipped type with  $-0,5\text{ }^{\circ}\text{C}$  from drinking water or demineralized water - Standard- or Microlce
- including ice storage bin with automatic switch-off
- compact design - fitted installation or under counter
- Designed for continuous operation - 24 hours - 7 days a week
- Hygienic Design: Closed watersystem - protected against contamination by external influences
- Environmental friendly technology - No moving parts in the refrigeration circuit of the evaporator- no refrigerant leakage



StandardIce



Microlce

## Dimensions and connections



- A operating switch
- C ice discharge
- D electr. connection
- E water supply
- F water drain

provided by customer:  
 water filter  
 stop cock  
 electr. protection  
 waste water connection (contactless)

## Technical Data

| ZBE 110-35 20°C                 |  |
|---------------------------------|--|
| 110 kg/24 h nominal capacity at | 20 °C air temperature and<br>15 °C water temperature |
| dimensions (L x W x H)          | 46 cm x 60 cm x 91 cm                                |
| weight                          | 80 kg  |
| cabinet                         | inside / outside stainless steel 1.4301              |
| storage capacity                | 35 kg  |
| insulation, PU foaming          | 40 mm  |
| electricity                     |  |
| power consumption               | 0,6 kW   |
| full-load electricity           | 3,7 A  |
| provided by customer            |  |
| electric supply                 | 1/N/PE ~ 230V 50 Hz                                  |
| fuse, slow-blow                 | 16 A   |
| cable cross section, Cu         | 1,5 mm <sup>2</sup>                                  |
| water                           |  |
| water supply                    | 3/4 " male thread                                    |
| water drain                     | 19x13 mm hose  |
| provided by customer            |  |
| pressure                        | 1 - 5 bar  |
| quality                         | drinking water                                       |
| pH-value                        | 7,2 - 9,5 pH   |
| hardness                        | 6 - 14 °dH   |
| temperature                     | 100 - 250 mg CaCO <sub>3</sub> /l<br>5 °C - 30 °C    |
| ambient temperature             | 7 °C - 42 °C   |
| condenser                       | air cooled   |
| air flow                        | 620 m <sup>3</sup> /h                                |
| heat emission                   | 0,71 kW  |
| refrigerant R404A               | 0,6 kg   |
| compressor                      | fully hermetic                                       |
| refrigerating capacity          | 0,51 kW  |
| evaporation temperature         | -9 °C  |
| condensation temperature        | 42 °C  |
| noise level                     | 47 dBA (3 m)   |

Subject to technical modifications. In case of deviations please contact us.

## Scope of supply

The ZIEGRA ice machine will be delivered according to CE standards and ready for connection to water and electricity.

### ZIEGRA quality and reliability

- high pressure pressostat
- water supply control
- Storage thermostat -  
to switch-off the machine when ice storage  
is full and automatic restart after ice  
removal
- Motor protection -  
for the compressor

### Included accessories

- Connecting cable 5 m
- Flexible hose water supply 2 m
- Water drain hose 2 m
- PE ice shovel

## Options

- For connection to cooling water

Consumption cooling water:

- ZBE 30-10 and 70-35: 20 l/h
- ZBE 110-35: 50 l/h

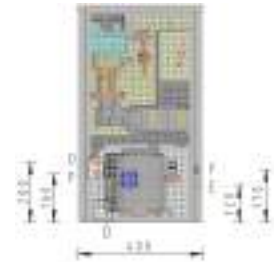
E: water supply (ice production)

F: water discharge (e.g. automatic water drain)

O: cooling water supply

P: cooling water return or drainage, resp.

- Special voltage



Connections for watercooled model ZBE 30-10

## Accessories

- HygienePlus: water drainage, flushing system, or flushing incl. disinfection
- Cartridge Water Filter reduces lime scale and germs
- UV sterilization
- Support, wall brackets, or similar
- Melt water pump, leak water sensor and leak water tray
- additional separate operating switch
- timer for 7 days
- Restart delay
- protection against overvoltage and undervoltage
- Spare parts available for minimum for 15 years



HygienePlus function diagram



Cartridge waterfilter 40

Technical details: please see respective machine specification. With pleasure we submit to you any further information, also regarding your special requirements