

High quality components ...



...in a sturdy stainless steel cabinet

## Main characteristics

- Capacity: 70 kg/24 h flake ice chipped type
- Production of flake ice chipped type with  $-0,5^{\circ}\text{C}$  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

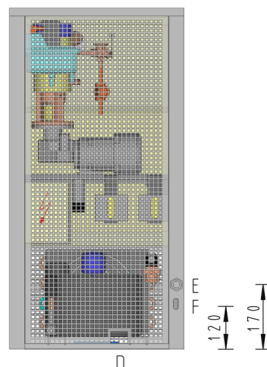
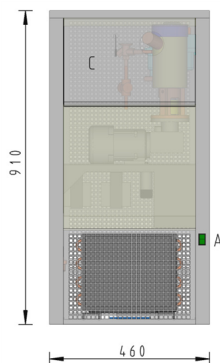


StandardIce



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 70-35
70 kg/24 h nominal capacity at	20 °C air temperature and 15 °C water temperature
dimensions (L x W x H)	46 cm x 60 cm x 91 cm
weight	70 kg
cabinet	inside / outside stainless steel 1.4301
storage capacity	35 kg
insulation, PU foaming	40 mm
electricity	
power consumption	0,4 kW
full-load electricity	2,5 A
degree of protection	IP 54
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 5 °C - 30 °C
ambient temperature	7 °C - 42 °C
condenser	
air flow	air cooled 230 m <sup>3</sup> /h
heat emission	0,42 kW
refrigerant R452A / R404A	0,4 kg
compressor	fully hermetic
refrigerating capacity	0,32 kW
evaporation temperature	-12 °C
condensation temperature	30 °C
noise level	45 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

- other refrigerants possible
- For connection to cooling water

Consumption cooling water:

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

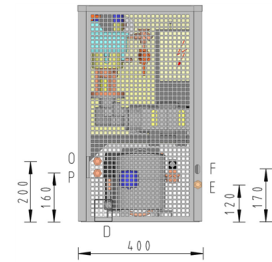
E: water supply (ice production)

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

O: cooling water supply

P: cooling water return or drainage, resp.

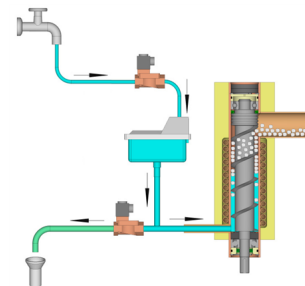
- Special voltage



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