

High quality components ...



...in a sturdy stainless steel cabinet

Main characteristics

- Capacity: 375 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 MicroIce
- 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

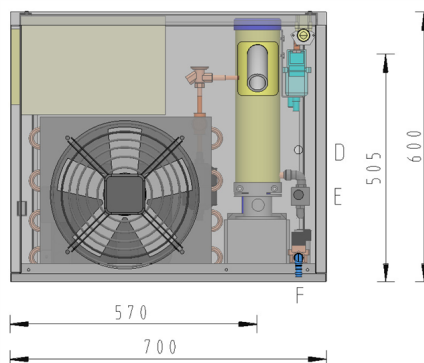
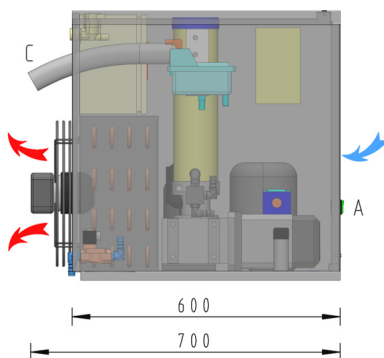


StandardIce



MicroIce

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 375 1/N/PE ~ 230V 50Hz	ZBE 375 3/N/PE ~ 400V 50Hz
375 kg/24 h nominal capacity at	35 °C air temperature and 25 °C water temperature	35 °C air temperature and 25 °C water temperature
dimensions (L x W x H)	60 cm x 70 cm x 60 cm	60 cm x 70 cm x 60 cm
weight	90 kg	90 kg
cabinet	stainless steel 1.4301	stainless steel 1.4301
ice discharge	see specification "ice discharges"	see specification "ice discharges"
electricity		
power consumption	1,7 kW	1,7 kW
full-load electricity	7,5 A	3,8 A
provided by customer		
electric supply	1/N/PE ~ 230V 50Hz	3/N/PE ~ 400V 50Hz
fuse, slow-blow	16 A	16 A
cable cross section, Cu	1,5 mm ²	1,5 mm ²
water		
water supply	3/4 " male thread	3/4 " male thread
water drain	14 mm hose nozzle	14 mm hose nozzle
provided by customer		
pressure	1 - 5 bar	1 - 5 bar
quality	drinking water	drinking water
pH-value	7,2 - 9,5 pH	7,2 - 9,5 pH
hardness	6 - 14 °dH	6 - 14 °dH
temperature	100 - 250 mg CaCO ₃ /l 5 °C - 30 °C	100 - 250 mg CaCO ₃ /l 5 °C - 30 °C
ambient temperature	5 °C - 45 °C	5 °C - 45 °C
condenser		
air flow	air cooled 1400 m ³ /h	air cooled 1400 m ³ /h
heat emission	3 kW	3 kW
refrigerant R452A / R404A	1,2 kg	1,2 kg
compressor	fully hermetic	fully hermetic
refrigerating capacity	1,91 kW	1,91 kW
evaporation temperature	-18 °C	-18 °C
condensation temperature	45 °C	45 °C
noise level	55 dBA (3 m)	55 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

- filling level control
- Phase sequence relay (400V only)
- high pressure pressostat
- Motor protection -
for the compressor

Included accessories

- Flexible ice discharging hose
- Switch-off by thermostat when the ice bin
or recipient is full.
- Connecting cable 5 m
- Flexible hose water supply 2 m
- Water drain hose 2 m
- PE ice shovel

Options

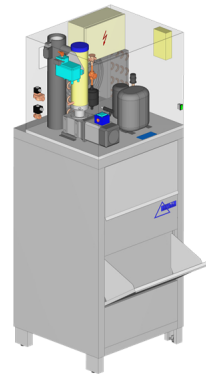
- Ice discharges in various designs, e.g. to produce
 - into a storage bin, or
 - into an ice trolley or similar
- Split installation, e.g. condenser, refrigeration unit or both in remote version
- For connection to cooling water
- Low-noise condenser (only for remote installation)
- Ice maker only
 - for separate refrigeration unit
 - for central refrigeration system
- Special voltage



Ice production into an ice trolley

Accessories

- Ice storage bins in various sizes and designs, suitable for integration into automated processes e.g. AS, S for automatic or manual dosing
- HygienePlus: water drainage, flushing system, or flushing incl. disinfection
- Cartridge Water Filter reduces lime scale and germs
- UV sterilization
- ZIEGRA water softening: available for very hard water and large flow rates
- Support, wall brackets, or similar
- Melt water pump, leak water sensor and leak water tray
- Freeze protection
- additional separate operating switch
- timer for 7 days
- Restart delay
- protection against overvoltage and undervoltage
- Spare parts available for minimum for 15 years
- Global sales and service.



Ice machine with storage bin B200



Cartridge waterfilter 40

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