

High quality components ...



...in a sturdy stainless steel cabinet

Main characteristics

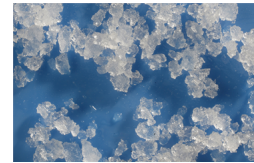
- Capacity: 1200 kg/24 h flake ice chipped type
- Ideal ice temperature of $-0,5\text{ }^{\circ}\text{C}$
Macrolce, StandardIce or Microlce
- Designed for continuous operation -
24 hours - 7 days a week
- Hygienic Design: Closed watersystem -
protected against contamination by external influences
- Environmental friendly technology -
No moving parts in the refrigeration circuit of the
evaporator-
no refrigerant leakage



Macrolce

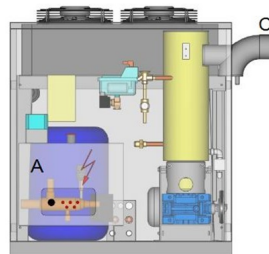
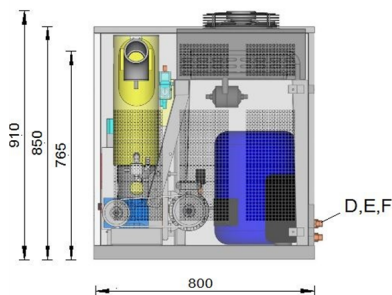


StandardIce



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 1.200 20°C | ZBE 1.200 35°C |
|----------------------------------|--|--|
| 1200 kg/24 h nominal capacity at | 20 °C air temperature and 15 °C water temperature | 35 °C air temperature and 25 °C water temperature |
| cabinet dimensions (L x W x H) | 80 cm x 80 cm x 85 cm | 80 cm x 80 cm x 85 cm |
| weight | 190 kg | 200 kg |
| cabinet | stainless steel 1.4301 | stainless steel 1.4301 |
| ice discharge | see specification "ice discharges" | see specification "ice discharges" |
| electricity | | |
| power consumption | 4,9 kW | 5,4 kW |
| current consumption | 9,5 A | 10,5 A |
| provided by customer | | |
| electric supply | 3/N/PE ~ 400V 50Hz | 3/N/PE ~ 400V 50Hz |
| fuse, slow-blow | 35 A | 35 A |
| cable cross section, Cu | 4 mm ² | 4 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 | 2 - 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 - 42 °C | 5 °C - 45 °C |
| condenser | air cooled | air cooled |
| air flow | 2900 m ³ /h | 3000 m ³ /h |
| heat emission | 10 kW | 10 kW |
| refrigerant R452A / R404A | 3,3 kg | 3,3 kg |
| compressor | fully hermetic Danfoss | fully hermetic Danfoss |
| refrigerating capacity | 5,5 kW | 6,1 kW |
| evaporation temperature | -23 °C | -23 °C |
| condensation temperature | 33 °C | 45 °C |
| noise level | 60 dBA (3 m) | 62 dBA (3 m) |

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

Scope of supply

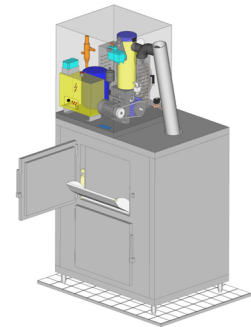
The ZIEGRA ice machine will be delivered according to CE standards and ready for connection to water and electricity.

ZIEGRA quality and reliability

- Condensation control in order to keep an equally high ice quality
- Phase sequence relay
- Overload cut-out / thermal switch for all motors and the compressor
- high pressure pressostat
- Water level monitoring
- Ice discharge hose or discharge tube, according to requirements.
- Switch-off by light scanner or light barrier when ice bin or recipient is full.
- Flexible hose water supply 2 m
- Water drain hose 2 m
- PE ice shovel
- For a wide range of accessories such as storage bins, or water treatment see separate list "options and accessories"

Options

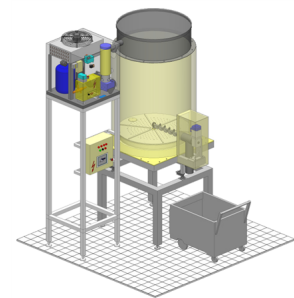
- Ice discharges in various designs, e.g. to produce
 - into a storage bin, or
 - into an ice trolley or similar
- Condenser either blowing upwards or sideways
- Split installation, e.g. condenser, refrigeration unit or both in remote version
- For connection to cooling water
- Low-noise condenser (only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



Ice machine with ice storage B400

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.



Silo AS 500 with ice machine



Cartridge water filter 90

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