

High quality components ...



... in an industrial design.

Main characteristics

- Capacity: 2500 kg/24 h flake ice chipped type
- Ideal ice temperature of -0,5 °C
Macrolce, StandardIce or Microlce
- Designed for continuous operation -
24 hours - 7 days a week
- Hygienic Design: Closed watersystem -
no contamination by external influences
- Environmental friendly technology -
No moving parts in the refrigeration circuit of the
evaporator-
no refrigerant leakage



Macrolce

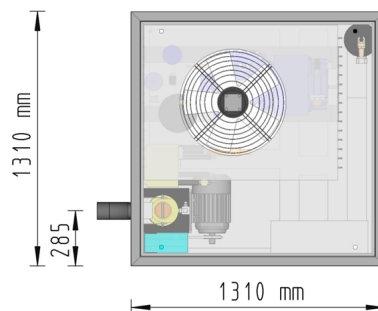
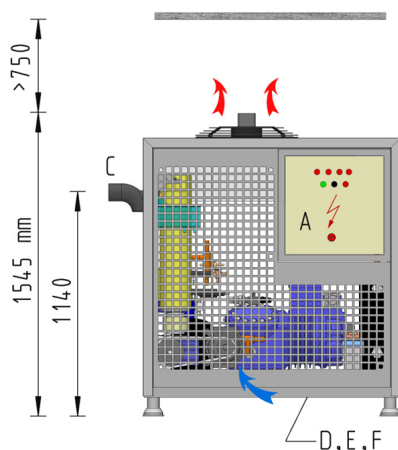


StandardIce



Microlce

Dimensions and connections



- A control panel
- 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

| | UBE 2.500 20°C | UBE 2.500 35°C |
|----------------------------------|--|--|
| 2500 kg/24 h nominal capacity at | 20 °C air temperature and 15 °C water temperature | 35 °C air temperature and 25 °C water temperature |
| frame dimensions (L x W x H) | 131 cm x 131 cm x 141 cm | 131 cm x 131 cm x 141 cm |
| weight | 700 kg | 750 kg |
| frame and cover panels | powder coated | powder coated |
| ice discharge | see specification "ice outlets" | see specification "ice outlets" |
| electricity | | |
| power consumption | 9,3 kW | 10,3 kW |
| current consumption | 19,5 A | 24 A |
| provided by customer | | |
| electric supply | 3/N/PE ~ 400V 50Hz | 3/N/PE ~ 400V 50Hz |
| fuse, slow-blow | 50 A | 50 A |
| cable cross section, Cu | 6 mm ² | 6 mm ² |
| water | | |
| supply / drain | 1/2 " / 14 mm | 1/2 " / 14 mm |
| provided by customer | | |
| pressure | 2 - 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 | 7200 m ³ /h | 7200 m ³ /h |
| heat emission | 20 kW | 20,5 kW |
| refrigerant R404A | 8 kg | 9 kg |
| compressor | semi-hermetic 4N CS Bitzer | semi-hermetic 4 H Bitzer |
| refrigerating capacity | 12,5 kW | 13,8 kW |
| evaporation temperature | -32 °C | -31 °C |
| condensation temperature | 33 °C | 45 °C |
| noise level | 73 dBA (3 m) | 76 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

- HygienePlus: automatic water drain for additional hygiene
- 3 min. overrun to use the re-evaporation after switch-off
- 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 / Low pressure control
- 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.
- For a wide range of accessories such as storage bins, or water treatment see separate list "options and accessories"

Options

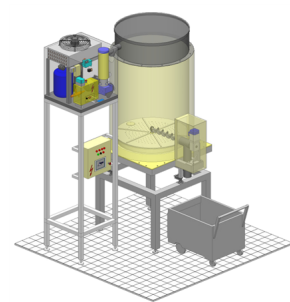
- Ice discharges in various designs, e.g. to produce
 - into a storage bin, or
 - into an ice trolley or similar
- Condenser either blowing upwards or sideways
- Split installation, e.g. condenser, refrigeration unit or both in remote version
- For connection to cooling water
- Low-noise condenser (only for remote installation)
- Ice maker only
 - for separate refrigeration unit
 - for central refrigeration system
- Stainless steel frame or cabinet, or without cabinet
- Special voltage



Ice maker with control system and stainless steel cabinet...

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: 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
- protection against overvoltage and undervoltage
- Spare part sets, available for minimum for 15 years
- Global sales and service.



Silo AS 500 with ice machine



Cartridge waterfilter 180-2

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