

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
- for connection to cooling water
- 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

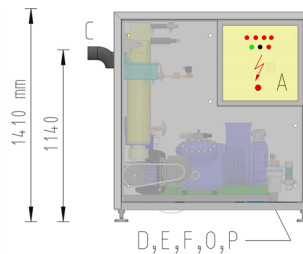
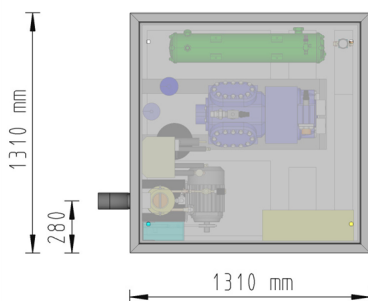


StandardIce



Microlce

Dimensions and connections



- A control panel
- C ice discharge
- D electr. connection
- E water supply
- F water drain
- O cooling water supply
- P cooling water drain

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

Technical Data

	UBE 2.500 W 20°C	UBE 2.500 W 35°C
2500 kg/24 h nominal capacity at	15 °C water temperature	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 discharges"	see specification "ice discharges"
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 [Kühlwasserzu-/ablauf]	1/2 " / 14 mm 1 " / 1 "	1/2 " / 14 mm 1 " / 1 "
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		
cooling water flow	water cooled 1100 l/h	water cooled 1000 l/h
heat emission	20 kW	20,5 kW
refrigerant R452A / R404A	8 kg	9 kg
compressor		
refrigerating capacity	semi-hermetic 4NES-14Y PW Bitzer 12,5 kW	semi-hermetic 4HE-18Y PW Bitzer 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
- Condensation control in order to keep an equally high ice quality
- 5 min. overrun to use the re-evaporation after switch-off
- 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"