

High quality components ...



... in an industrial design.

Main characteristics

- Capacity: 7500 kg/24 h flake ice chipped type
- Ideal ice temperature of -0,5 °C
Macrolce, StandardIce or Microlce
- 2 separate circuits with 33 % and 66 % capacity, resp., highest reliability and flexibility in operation.
- 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

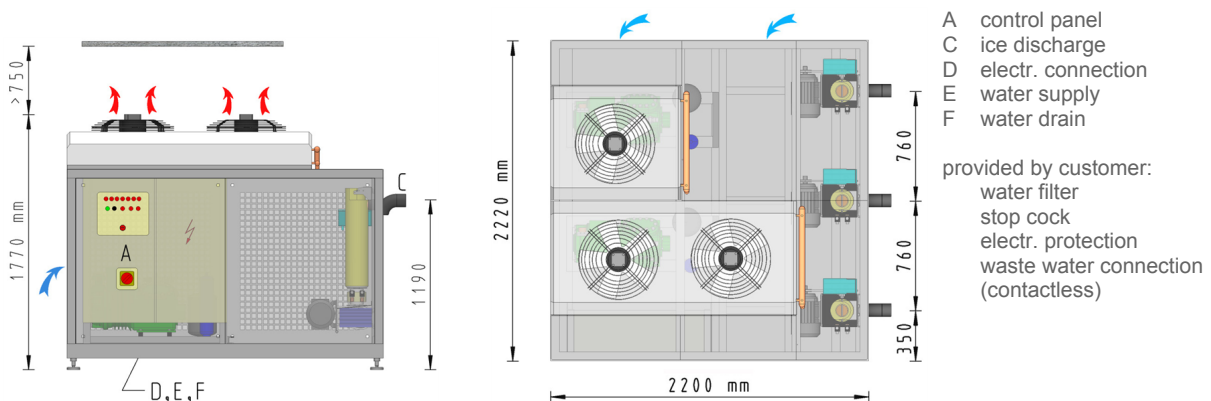


StandardIce



Microlce

Dimensions and connections



Technical Data

	UBE 7.500-2 20°C	UBE 7.500-2 35°C
7500 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)	220 cm x 222 cm x 187 cm	240 cm x 222 cm x 181 cm
weight	1800 kg	1900 kg
frame and cover panels	powder coated	powder coated
ice discharge	see specification "ice discharges"	see specification "ice discharges"
electricity		
power consumption	26 kW	32 kW
full-load electricity	49 A	70 A
provided by customer		
electric supply	3/N/PE ~ 400V 50Hz	3/N/PE ~ 400V 50Hz
fuse, slow-blow	100 A	100 A
cable cross section, Cu	25 mm ²	35 mm ²
water		
water supply	1/2 " male thread	1/2 " male thread
water drain	14 mm hose	14 mm hose
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	19700 m ³ /h	24500 m ³ /h
heat emission	60 kW	62 kW
refrigerant R404A	8 + 12 kg	9 + 12 kg
compressor	semi-hermetic 4NES + 6JE Bitzer	semi-hermetic 4JE + 6GE Bitzer
refrigerating capacity	11+ 23 kW	13 + 26 kW
evaporation temperature	-32 °C	-31 °C
condensation temperature	33 °C	45 °C
noise level	76 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"