

Ice maker with control system and stainless steel cabinet... for connection to a refrigeration system.

Main characteristics

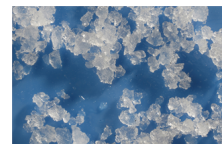
- Capacity: 550 kg/24 h flake ice chipped type
- Ideal ice temperature of -0,5 °C
Macrolce, StandardIce or Microlce
- Designed for continuous operation -
24 hours - 7 days a week
- Hygienic Design: Closed watersystem -
protected against contamination by external influences
- Environmental friendly technology -
No moving parts in the refrigeration circuit of the evaporator-
no refrigerant leakage
- For connection to a central refrigeration system -
Refrigerant: upon requirement,
also R744 (CO₂) is possible.
(See corresponding specification)



Macrolce

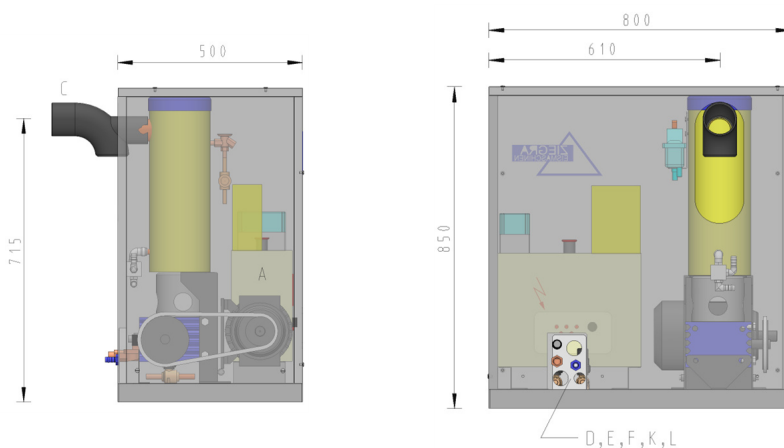


StandardIce



Microlce

Dimensions and connections



- A operating switch
- C ice discharge
- D electr. connection
- E water supply
- F water drain
- K liquid pipe
- L suction pipe

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

Technical Data

	ZBE 550 EV
550 kg/24 h nominal capacity at	15 °C water temperature
cabinet dimensions (L x W x H)	50 cm x 80 cm x 85 cm
weight	125 kg
cabinet	stainless steel 1.4301
ice discharge	see specification "ice discharges"
electricity	
power consumption	0,4 kW
current consumption	1,2 A
potential-free contact	start-stop signal
provided by customer	
electric supply	3/N/PE ~ 400V 50Hz
fuse, slow-blow	6 A
cable cross section, Cu	1,5 mm ²
signal cable	to be agreed
water	
supply / drain	3/4 " / 14 mm
provided by customer	
pressure	1 - 5 bar
quality	drinking water
pH-value	7,2 - 9,5 pH
hardness	6 - 14 °dH
temperature	100 - 250 mg CaCO ₃ /l 5 °C - 30 °C
ambient temperature	5 °C - 45 °C
cooling	
evaporator	ZBE 550
evaporation temperature	-18 °C
refrigerating capacity	2,54 kW
connection liquid pipe, Cu	10 mm
connection suction pipe, Cu	16 mm
provided by customer for the ice maker	
refrigerant	R452A / R449A / R404A etc.
refrigerant temperature	0 °C - 20 °C liquid temperature at 30 °C
evaporation temperature	condensation temperature refrigeration system < -30°C

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

Scope of supply

The ZIEGRA ice maker will be ready for connection to a refrigeration system as well as water and electricity and be delivered according to EC- standards.

ZIEGRA quality and reliability

- All necessary control units for connection to a refrigeration system page 1
- Pre-wired switch box including potential-free contact, for connection to signaling cable provided at site
- 3 min. overrun to use the re-evaporation after switch-off
- Phase sequence relay
- Overload cut-out / thermal switch for all motors
- Water level monitoring
- Safety switch-off in case of ice jam
- 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