

High quality components ...



...in a sturdy stainless steel cabinet

Main characteristics

- Capacity: 1500 kg/24 h chip ice from fresh water or 1200 kg/24 h chip ice from salt water - flexible and easy to changeover, according to your requirements
- Possible ice temperatures from up to -3°C , according to salt contents (1,5 % - 4 %)
- 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

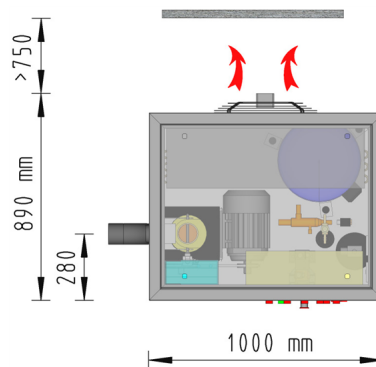
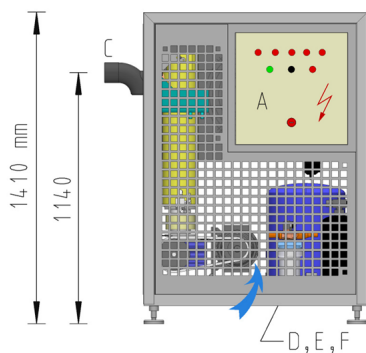


ZIEGRA chip ice



Fresh Saltwater Ice
... in an industrial design.

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

	SWE 1.500 20°C
1500 kg/24 h Brucheis Frischwasser or 1200 kg/24 h Brucheis Salzwasser nominal capacity at	20 °C air temperature and 15 °C water temperature
cabinet dimensions (L x W x H)	100 cm x 80 cm x 141 cm
weight	450 kg
frame and cover panels	stainless steel 1.4301
ice discharge	see specification "ice discharges"
electricity	
power consumption	5,3 kW
current consumption	9,8 A
provided by customer	
electric supply	3/N/PE ~ 400V 50Hz
fuse, slow-blow	35 A
cable cross section, Cu	4 mm ²
water	
supply / drain	1/2 " / 14 mm
provided by customer	
pressure	2 - 5 bar
quality	drinking water or salt water 1,5 % - 4 %
pH-value (drinking water)	7,2 - 9,5 pH
hardness (drinking water)	6 - 14 °dH
temperature (drinking water)	100 - 250 mg CaCO ₃ /l
temperature (salt water)	5 °C - 30 °C 2 °C - 30 °C
ambient temperature	5 °C - 42 °C
condenser	
air flow	air cooled 6000 m ³ /h
heat emission	11 kW
refrigerant R452A / R404A	7 kg
compressor	fully hermetic NTZ 136 Maneurop
refrigerating capacity	7,5 kW
evaporation temperature (drinking water)	-21 °C
evaporation temperature (salt water)	-27 °C
condensation temperature	33 °C
noise level	65 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

- Different pulleys to change ice types easily and reliably
- Condensation control for constant ice quality in case of fluctuating water temperatures
- Phase sequence relay
- Overload cut-out / thermal switch for all motors
- High / Low pressure control
- Water level monitoring
- Flexible ice discharging hose
- Switch-off by light scanner or light barrier when ice bin or recipient is full.
- Wide range of accessories, e.g. for automatic brine preparation and provision, or for ice storage. Please ask for advice!
- Customer support and individual execution of the machine