

BAKTEC[®]

quality without compromise

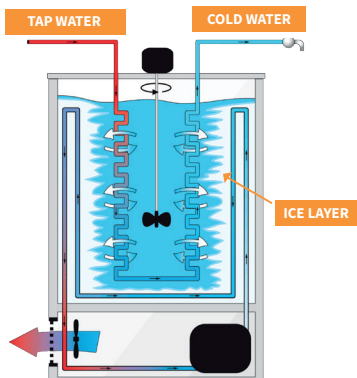


BKL 200 ICE EF & BIC ICE WATER CHILLER

BKL ICE EF ICE WATER CHILLER

For optimum product quality, the precise water temperature is essential. This can be quite a challenge, especially with high temperatures during the summer. With our ice water chillers BKL ICE EF (EcoFriendly), very low water temperatures are continuously available.

Our BKL 200 ICE EF ice water chiller, work as follows: fresh drinking water runs through a spiral in a **33°F** water bath, cooled by means of ice accumulated along the walls of the bath. The chilled water cannot be contaminated, as with this closed system the water is not in contact with open air. By using a powerful **stirring motor**, the maximum cooling capacity is reached. Because of an optimal harmonisation between the mechanical parts and a new evaporator and refrigerant, the chillers are efficient and environmentally friendly. The chilled water remains at a stable temperature, without major fluctuations.



The ice water chillers are equipped with a digital **Ice Mass Sensor (IMS)** allowing optimum control over the accumulation of ice and maximum continuity. This also prevents the water spiral from freezing. The BKL ICE EF water chillers are provided with the eco-friendly refrigerant **R290**, which meets the European F-gas regulation.

RESULTS WITH ONE BKL 200 ICE EF			
BATCH NR.	PER BATCH 22 LBS	PER BATCH 44 LBS	PER BATCH 66 LBS
1	34.2 °F	35.4 °F	35.4 °F
2	34.3 °F	35.4 °F	35.4 °F
3	34.0 °F	35.6 °F	35.4 °F
4	34.2 °F	35.4 °F	35.6 °F
5	34.3 °F	35.4 °F	35.6 °F
6	34.3 °F	35.6 °F	35.6 °F
7	34.5 °F	35.4 °F	35.4 °F
8	34.5 °F	35.4 °F	35.6 °F
9	34.7 °F	35.2 °F	35.6 °F
10	34.9 °F	35.4 °F	35.6 °F

RESULTS WITH TWO BKL 200 ICE EF (SERIAL INSTALLED)	
BATCH NR.	PER BATCH 132 LBS
1	35.1 °F
2	34.5 °F
3	34.7 °F
4	34.5 °F
5	34.5 °F
6	34.7 °F
7	34.9 °F
8	35.1 °F
9	35.6 °F
10	35.8 °F

If you require a higher capacity, it is always possible to install more units BKL 200 ICE EF serial or parallel. Extensions in this fashion are always possible, you don't need to trade in your old machine. You are very flexible over time.

For large, industrial bakeries and bakeries in countries with high ambient temperatures (above 90°F), Baktec offers the **BIC** industrial water chiller. BIC water chillers are custom-made, have a capacity of 700 Lbs up to **26.000 Lbs per hour** and a processing speed of up to **265 Lbs per minute!** BIC water chillers are very suitable for continuous use and made to measure to the specific needs and wishes of the customer. The chilled water remains at a stable temperature, even below 36°F, without major fluctuations, which improves the dough quality and optimized the process.

BIC industrial water chillers have a stainless steel housing and integrated water tank, pump, condenser and controls. The built-in pump keeps the water pressure continuously stable on the outward cooling water pipe. The insulated water tank is made from stainless steel and is fully sealed in order to prevent potential algae growth due to exposure to light. These units are supplied plug ready; fill the tank with water, connect the pipes to the unit and you're ready for operation.

BIC options

- Can be modified to suit norms and regulations in specific countries
- Modifications to all voltages and frequencies
- Machine featuring wheels instead of rubber feet
- Modifications for extreme ambient temperatures
- Condenser for external set up
- Stainless steel water pipes
- Ring lead

For optimal and efficient use of chilled water, it is recommended to use a water mixing- and measuring appliance.

BKL ICE EF ICE WATER CHILLER

SPECIFICATIONS	BKL 200 ICE EF 115V 60HZ	BKL 200 ICE HEAVY DUTY EF 220V 60HZ
CAPACITY	88-330 LBS/H	88-550 LBS/H
CONTINUOUS CAPACITY	176 LBS/H	243 LBS/H
TEMPERATURE WITH ONE UNIT	34,7° - 37°F	34,7° - 37°F
WATERFLOW (DEPENDING ON WATER PRESSURE)	26-44 LBS/MIN	26-44 LBS/MIN
WATER PRESSURE	72 PSI	72 PSI
MAXIMUM TEST PRESSURE	232 PSI	232 PSI
COOLING CAPACITY	1125 W	1650 W
COMPRESSOR	1/2 HP	2 X 3/8 HP
ICE MASS	88 LBS	88 LBS
NETT WATER BATH CONTENT	158 LBS	158 LBS
WATER INLETS	R 1/2"	R 1/2"
ELECTRICITY	115-127 VAC / 60 HZ / 1PH	208-220 VAC / 60 HZ / 1PH
NETT WEIGHT	157 LBS	180 LBS
DIMENSIONS (L X B X H)	19.7 X 21.1 X 34.3 INCH	19.7 X 21.1 X 35.7 INCH
REFRIGERANT	R290	R290
SHIPPING WEIGHT ON PALLET	179 LBS	203 LBS
SHIPPING WEIGHT IN CRATE	212 LBS	236 LBS
OPTION WALL BRACKETS	YES	YES

ABOUT US

We have been specialized in the production and development of water meters, water dosing appliances and water chillers, for all types of bakeries for more than 40 years. We cater for all kinds of bakeries, from craft bakeries in France to large industrial bakeries in Asia, and everything in between. Our industrial bakery equipment allows users to have optimum control over the production process which contributes to a consistent dough quality. We supply our products all over the world.

As a company, we are known for the quality and reliability of our products and services, and for providing the best service to our customers. We are a point of contact for customers

and suppliers and we invest in these relationships. We support customers with detailed advice, we think proactively with customers and we ensure that everything we supply fits perfectly with the customer's wishes, needs, ambitions and future vision.

We follow developments in technology and translate these into our products which allows us to offer innovative applications that do much more than just chilling water to the correct temperature. We have developed a comprehensive range of water mixing and measurement devices and ice water coolers, which meet all our customers' needs. For a consistent dough hydration, you need high-quality equipment. We offer exactly that: quality without compromise.