

# BKL ICE EF WATER CHILLERS

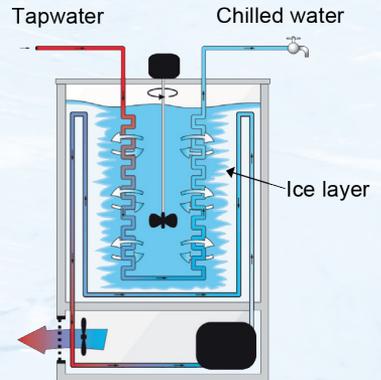


**BAKTEC**<sup>®</sup>  
quality without compromise

# BKL ICE EF WATER CHILLERS

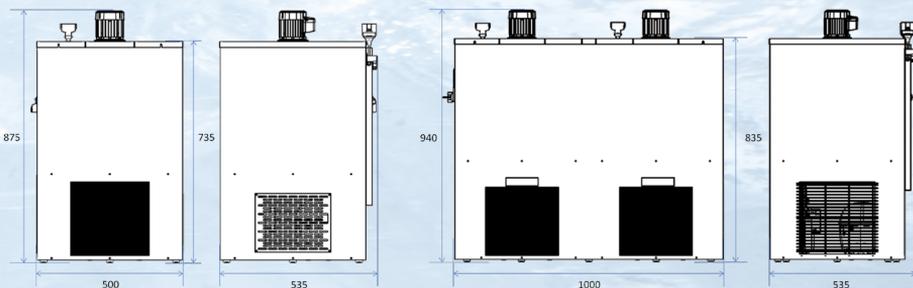
For optimal product quality, the precise water temperature is essential. This can be quite a challenge, especially with high temperatures during the summer. With Baktec Ice water chillers BKL ICE EF (Eco Friendly), very low water temperatures are continuously available.

The range BKL ICE EF, work according to the same principle: fresh drinking water runs through a spiral in a 0° C 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, water and dust resistant **IP54** stirring motor, the maximum cooling capacity is reached. Because of an optimal harmonisation between the mechanical parts and a new evaporator, the chiller is 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.



# BKL ICE EF WATER CHILLERS

The EF-range consists of three different water chillers, which differ in capacity and usage: BKL 200 ICE EF, BKL 200 ICE Heavy Duty EF and BKL ICE DUO EF.

## BKL 200 ICE EF

The BKL 200 ICE EF is a powerful ice water cooler with one compressor. Because of the optimal harmonisation between the mechanical parts, the outgoing water temperature remains at a stable temperature, without any major fluctuations.

## BKL 200 ICE EF Heavy Duty

The Heavy Duty model is a very powerful ice water chiller provided with two compressors, which makes it possible to reach very low water temperatures and an optimal cooling capacity. This model is ideal for operation at high ambient temperatures of up to 40°C.

## BKL ICE DUO EF

The model BKL ICE DUO EF is provided with two separate water baths and 2 cooling units instead of one: two water chillers in one! The water is cooled down in two steps which makes it possible to reach very low temperatures under 2°C, even with high inlet temperatures.

The DUO EF can be connected in series, for very low temperatures, or parallel, for a higher flow capacity. In addition, both cooling units of the DUO EF can be switched on separately. This makes it possible to turn off a cooling unit in winter, when less chilled water is used.

Results of one BKL 200 ICE EF			
Batch nr.	Per Batch 10 lt	Per Batch 20 lt	Per Batch 30 lt
1	1.2°C	1.9°C	1.9°C
2	1.2°C	1.9°C	1.9°C
3	1.1°C	2.0°C	1.9°C
4	1.2°C	1.9°C	2.0°C
5	1.3°C	1.9°C	2.0°C
6	1.3°C	2.0°C	2.0°C
7	1.4°C	1.9°C	1.9°C
8	1.4°C	1.9°C	2.0°C
9	1.5°C	1.8°C	2.0°C
10	1.6°C	1.9°C	2.0°C

Results of one BKL 200 ICE DUO EF	
Batch nr.	Per Batch 60 lt
1	1.7°C
2	1.4°C
3	1.5°C
4	1.4°C
5	1.4°C
6	1.5°C
7	1.6°C
8	1.7°C
9	2.0°C
10	2.1°C

# BKL ICE EF WATER CHILLERS

Specifications	BKL 200 ICE EF	BKL 200 ICE HD EF	BKL ICE DUO EF
Capacity	40-150 litres per hour	40-250 litres per hour	40-400 litres per hour
Temperature with one unit	1.5°C - 3°C	1.5°C - 3°C	0.5°C - 3°C
Speed (depending on water pressure)	12-20 l/min	12-20 l/min	12-40 l/min
Water pressure	1-5 kg/cm <sup>2</sup>	1-5 kg/cm <sup>2</sup>	1-5 kg/cm <sup>2</sup>
Maximum test pressure	16 kg/cm <sup>2</sup>	16 kg/cm <sup>2</sup>	10 kg/cm <sup>2</sup>
Cooling capacity	1125 W	1700 W	2250 W (2 x 1125 W)
Compressor	½ hp	2 x ¾ hp	1 hp (2 x ½ hp)
Ice mass	40 kg	40 kg	80 kg (2 x 40 kg)
Nett water bath content	72 litres	72 litres	144 litres (2 x 72 litres)
Water inlet diameter	R ½ "	R ½ "	R ½ "
Electricity	220 - 240 VAC / 50 Hz	220 - 240 VAC / 50 Hz	220 - 240 VAC / 50 Hz
Nett weight	71 kg	82 kg	95 kg
Dimensions (l x b x h) without joining appliances	50 x 53.5 x 87 cm	50.5 x 53.5 x 90.5 cm	100 x 53.5 x 94 cm

## About us

We are a growing, 35 year old family business that is specialized in the production and development of water mixing and measuring devices and water chillers for bakeries and other industries. Our company is known for the quality and reliability of our products and services and are delivered worldwide.

We are committed to producing the highest quality products and thereby providing the best service to our customers. By following technological developments and translating these into our products, we offer innovative applications that are beyond purely dosing the right temperature. That is why we have developed a wide range of water mixing and measuring devices and water chillers that meet every need. This allows you as a customer to fully control and optimize your production process. To offer consistent high quality products, one needs high quality equipment. This is exactly what we offer.