



# baktec®

QUALITY WITHOUT COMPROMISE



**BKL ICE EF  
ICE WATER CHILLER**

# ABOUT US

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With over forty years of experience, Baktec can rightly be called a specialist in its own field. The company focuses on developing and producing water mixing and measuring equipment and water chillers for every type of bakery and supplies these worldwide. For decades, we have been known as a manufacturer of **high-quality equipment**, which is highly reliable and accurate. We believe in a world without worrying about peripheral issues, where one only has to focus one's craftsmanship. It is easy for everyone to work with our appliances; from unskilled personnel to professional bakers. This translates into our range of appliances and the digital service we offer customers.

## **Baktec.Assist©**

Through our digital customer portal Baktec.Assist©, downtime is prevented and 75% of support requests are answered. All information can be viewed quickly and is easily accessed by means of a QR code on the appliance. This allows the user of our equipment to quickly get on with what is important to them: baking the tastiest products. Our goal is to unburden our customers and to avoid downtime, but when it does happen, we want to help our customers quickly. On the portal, you will find video content ranging from the installation of our water mixing and measuring equipment and water chillers to videos explaining how to operate the appliances. You can also find the maintenance history of the appliances, and photos show which parts are available for each appliance so that customers can quickly order them themselves. Baktec.Assist© allows us to **support** our customers **24/7**.

## **Preventive Maintenance Program**

Baktec has good insight into the life span of components, allowing us to predict when they need to be replaced. Our Preventive Maintenance Programme further reduces the risk of downtime. Through Baktec.Assist©, we can advise customers in advance which part is due for service or replacement.

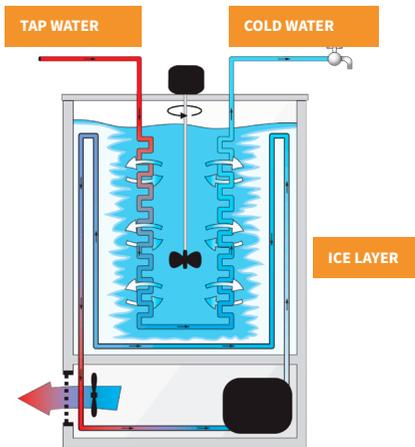
# BKL ICE EF ICE WATER CHILLER

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 ICE EF ice water chillers, work according to the same principle: 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	ONE BKL 200 ICE EF			TWO BKL 200 ICE EF (SERIAL INSTALLED)
	BATCH NR.	PER BATCH 22 LBS	PER BATCH 44 LBS	PER BATCH 66 LBS
1	34.2 °F	35.4 °F	35.4 °F	35.1 °F
2	34.3 °F	35.4 °F	35.4 °F	34.5 °F
3	34.0 °F	35.6 °F	35.4 °F	34.7 °F
4	34.2 °F	35.4 °F	35.6 °F	34.5 °F
5	34.3 °F	35.4 °F	35.6 °F	34.5 °F
6	34.3 °F	35.6 °F	35.6 °F	34.7 °F
7	34.5 °F	35.4 °F	35.4 °F	34.9 °F
8	34.5 °F	35.4 °F	35.6 °F	35.1 °F
9	34.7 °F	35.2 °F	35.6 °F	35.6 °F
10	34.9 °F	35.4 °F	35.6 °F	35.8 °F

# SPECIFICATIONS

The BKL ICE EF range consists of three different water chillers, which differ in capacity and usage:

## BKL 200 ICE EF

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

## BKL 200 ICE EF HEAVY DUTY

The Heavy Duty 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 up to 95°F.

SPECIFICATIONS	RESULTS OF ONE BKL 200 ICE EF	
	BKL 200 ICE EF 115V 60HZ	BKL 200 ICE HEAVY DUTY EF 220V 60HZ
CAPACITY	88-330 LBS/H	88-550 LBS/H
CONTINU 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	14-72 PSI	14-72 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