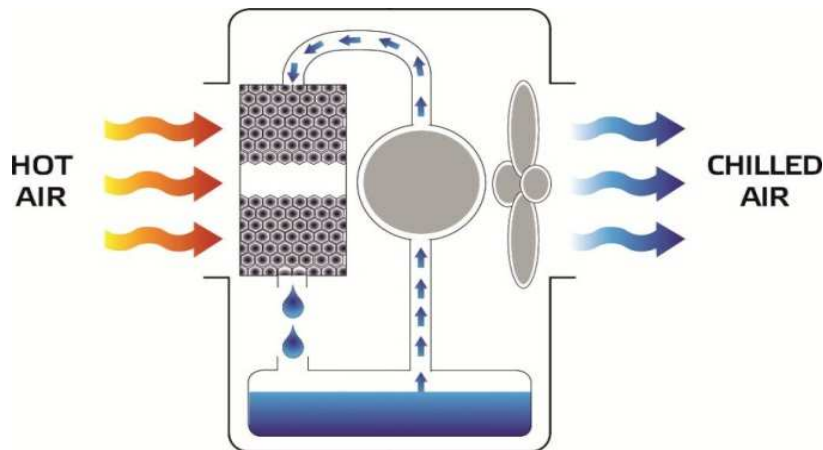


## PORTABLE BIO COOLER

# BC 221



## FUNCTIONING PRINCIPLES



Master Bio Coolers cool the air using a simple natural process: the evaporating water decreases the temperature of the air. A pump takes the water from a tank and wets a wide filter of natural cellulose. A powerful ventilator aspirates air through the filter. The water evaporates from the filter and decreases the temperature of the air of several degrees. The fresh and clean air flows into the ambient, and cools it.

## TECHNICAL DATA

Cooling pad	dm <sup>3</sup>	120
Air displacement	m <sup>3</sup> /h	22 000
Max Area	m <sup>2</sup>	330
Fan type	-	Axial
Power supply	V	220-240
Frequency	Hz	50
Power consumption	kW	0,8
Rated current	A	3,7
Fan speed	n°	3
Fan Ø / N° blades	mm / n°	700 / 4
Water consumption	l/h	12 - 18
Tank capacity	l	120
Noise level	dB(A)	67
Water input/drain	in	1/2"
Packaging dimensions	cm	130x72x193
Net/gross weight	kg	64 / 69
IP Protection	IP	20

## FEATURES

**Industrial applications**

**Quiet running**

**Adjustable speed**

**Automatic swing function**

**Time setting function**

**Automatic water supply**

**Remote control**

**Corrosion resistant plastic casing**

**Tank level control**

**No installation, no duct work required**

**UV lamp for water sterilization**

## WIRING DIAGRAM

