



WKA Fully automatic water cooler

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Description

The water cooler provides cooled water fast and exactly for dough production. The WKA cools continuously with automatic filling. An air-cooled cooling aggregate ensures rapid cooling of the water in an enclosed cooling system. The required water volume can be called up manually or automatically using a WP-L WMD water mixing and dosing unit.

Advantages

High output

Flexible area of use

Automatic filling level control

- time saving

Cold water removal at constant water temperature

- fast availability

Optimum heat transfer

- Spiral compressor in tank

Energy-saving insulation

- low heat loss

- cost reduction

Remote call-up via WMD water mixing and dosing unit

- exact dosing

Cooling water removal via removal pump

- exact dosing

Equipment

- Pressure tank
- Removal pump
- Optical filling level display
- Digital temperature display



Technical data

		WKA 100	WKA 200	WKA 300	WKA 500	WKA 800
Connections	Electric	1.7 KVA at 3 × 400 V/50Hz	2.3 KVA at 3 × 400 V/50Hz	2.9 KVA at 3 × 400 V/50Hz	2.9 KVA at 3 × 400 V/50Hz	5.0 KVA at 3 × 400 V/50Hz
	Water intake (connection)	¾" (at side)	¾" (at side)	¾" (at rear)	¾" (at rear)	¾" (at rear)
	Cold water outlet (connection at front)	¾"	¾"	¾"	¾"	¾"
	Container overflow (connection)	1¼" (at side)	1¼" (at side)	1¼" (at rear)	1¼" (at rear)	1¼" (at rear)
Dimensions	(B × D × H) in cm	67 × 76 × 150	67 × 76 × 170	86 × 89 × 188	87 × 90 × 230	120 × 125 × 230
Cooling capacity	of +18°C to +3°C at 30°C ambient temp., -2°C vaporization temp., 18°C water intake temp.	100 litres per hour	130 litres per hour	280 litres per hour	280 litres per hour	450 litres per hour
Volume of water container	in litres	100	200	300	500	800
Cooling water	Temperature adjustable with preselector	+2°C to +25°C	+2°C to +25°C	+2°C to +25°C	+2°C to +25°C	+2°C to +25°C
Temperature precision	in °C	+/- 1	+/- 1	+/- 1	+/- 1	+/- 1
Coolant	in kg	1	1.2	1.6	1.6	2.8
Air circulation	in ccbm per h	2200	2200	2500	2500	5000
Noise level	in dB A	64	64	68	68 dB	69
Removal pump	Output in kW	0.33	0.33	0.5	0.5	0.5
	Consumption in A	2.3	2.3	1.3	1.3	1.3
	max. delivery pressure in bar	3.8	3.8	3.3	3.3	3.3
	max. delivery height in m	30	30	25	25	25
max. ambient temperature	in °C	43	43	43	43	43
max. water intake temperature	in °C	30	30	30	30	30