



SAFETY

OZONE

HYGIENE

PROCESS

← Applications

- The OZFIL™ has been designed primarily for the treatment of bottled water but is ideally suited for small drinking water installations

← Main characteristics

- A complete system on a skid which automatically doses the ozone at a given level irrespective of the process water flow rate



Ozonia has provided solutions for the bottled water industry for many years and continues to innovate with new technologies to meet legislative and client requirements. The OZFIL™ ozone treatment system is one such innovation.

## MAIN FEATURES

→ Complete treatment system on a skid  
→ Processor controlled  
→ Long service life  
→ Virtually maintenance-free

→ Easy integration  
→ Compact dimensions  
→ High product integrity  
→ Reliable and repeatable control

### OZONE TECHNOLOGY: OZFIL™

In order to treat drinking water efficiently certain process criteria have to be met: A given amount of ozone must be introduced to the process water and, after introduction, there must be sufficient residence time in order to give the ozone time to work. The OZFIL™ product incorporates all of the components required to produce and dose ozone to the process water: air dryer for the feed

gas preparation; OZAT® ozone generator; motive water pump and injector system; stainless steel contact chamber for a residence time of at least four minutes; automatic degassing valve with vent ozone destruct unit; residual ozone analyser; flow meter; circulation bypass; control system and all skid interconnections.

### HOW IT WORKS

Ozonation ensures a very high product quality resulting in a long shelf life. A dose of ozone in the range of 0.3 mg/l to 0.5 mg/l, is sufficient to sanitise the product and the product packaging.

After this, the ozone will have oxidised the organic substances and the microbial activity will have been reduced to a minimum.

## TECHNICAL DATA

OZFIL™ Model	Filler Rate	Ozone Prod.	Ozone Dose	Pressure	Air Requirement	Cooling Water	Installed Rating	Mains Voltage
	m <sup>3</sup> /h	g/h	mg/l	bar(g)	m <sup>3</sup> /h	l/h	kW	
OZFIL 15™	15	37	2.4	6	~2	90	6.0	3 x 400 VAC ±10%, 50/60 Hz*
OZFIL 20™	20	37	1.8	6	~2	90	7.5	
OZFIL 25™	25	37	1.5	6	~2	90	7.5	
OZFIL 30™	30	37	1.2	6	~2	90	7.5	
OZFIL 40™	40	37	1.0	6	~2	90	9.5	
OZFIL 50™	50	112	2.3	6	~5	270	8.8	
OZFIL 60™	60	112	1.9	6	~5	270	10.8	
OZFIL 70™	70	112	1.6	6	~5	270	10.8	

\* Different voltage on request

### ► Standards

- **Design standards:** EN, IEC, ISO, SN
- **Protection class:** IP 42 - NEMA 1
- **Conformity:** CE - UL

### ► Materials

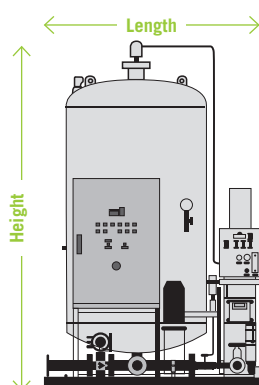
- **Contact chamber:** stainless steel
- **Frame and pipes:** stainless steel
- **Pump and injector:** stainless steel and PVDF

### ► Remote controls and alarms

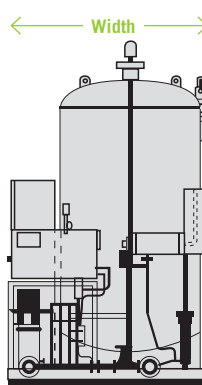
- **Unit ON/OFF**
- **Unit running**
- **Collective alarm**

## DIMENSIONS

OZFIL™ Model	I x h x w	Weight
	mm	kg
OZFIL 15™	1900 x 1950 x 2000	1800
OZFIL 20™	1900 x 1950 x 2000	2300
OZFIL 25™	1900 x 2700 x 2260	2700
OZFIL 30™	1900 x 2480 x 2000	3200
OZFIL 40™	1900 x 3130 x 2200	4100
OZFIL 50™	1900 x 3435 x 2000	5100
OZFIL 60™	1900 x 4550 x 2260	6000
OZFIL 70™	1900 x 4700 x 2260	7000



Front View



Side View

## Contacts

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