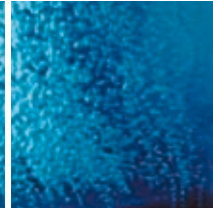
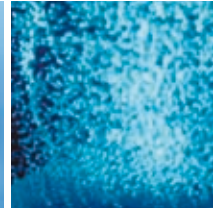


HEADWORKS  
BIOLOGY  
SEPARATION  
MEMBRANE  
▶ **DISINFECTION**  
BIOSOLIDS  
SYSTEMS



**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



Degrémont Technologies has been associated with the bottled water industry for many years and has always stayed abreast with the latest technology and up to date with legislative and client requirements.

## 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                | 115         | 2.3        | 6        | ~6                | 270           | 8.8              |                            |
| OZFIL 60™    | 60                | 115         | 1.9        | 6        | ~6                | 270           | 10.8             |                            |
| OZFIL 70™    | 70                | 115         | 1.6        | 6        | ~6                | 270           | 10.8             |                            |

### ► Standards

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

### ► Materials

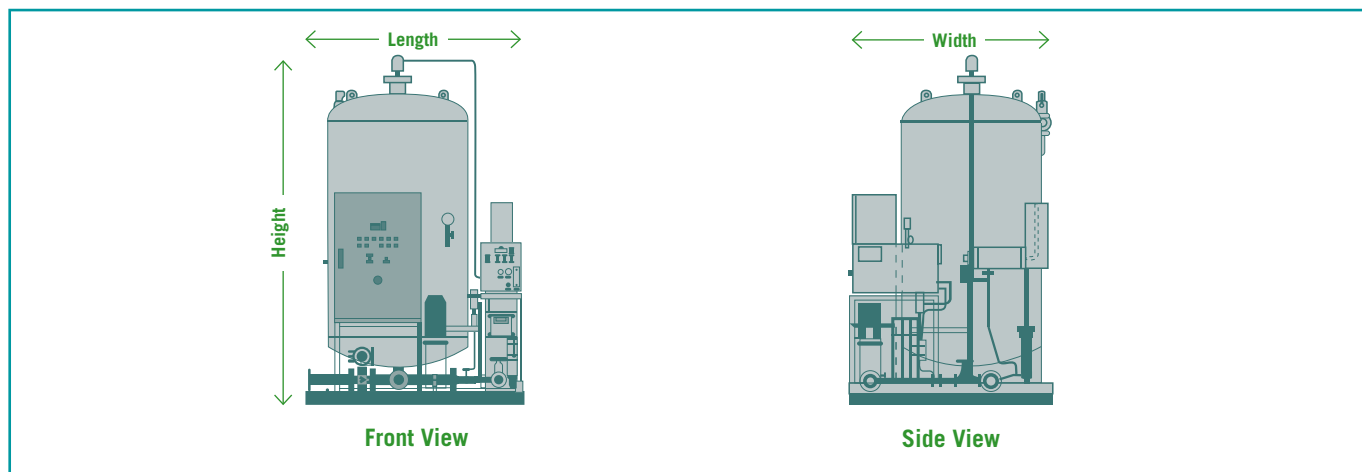
- **Contact chamber:** stainless steel
- **Frame and pipes:** stainless steel
- **Pump and injector:** stainless steel and PVDF

### ► 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 2180 x 2000 | 2700   |
| OZFIL 30™    | 1900 x 2480 x 2000 | 3200   |
| OZFIL 40™    | 1900 x 3020 x 2000 | 4100   |
| OZFIL 50™    | 1900 x 3580 x 2000 | 5000   |
| OZFIL 60™    | 1900 x 4140 x 2000 | 6000   |
| OZFIL 70™    | 1900 x 4700 x 2000 | 7000   |



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