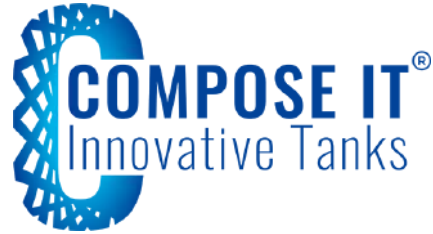




Who are we?



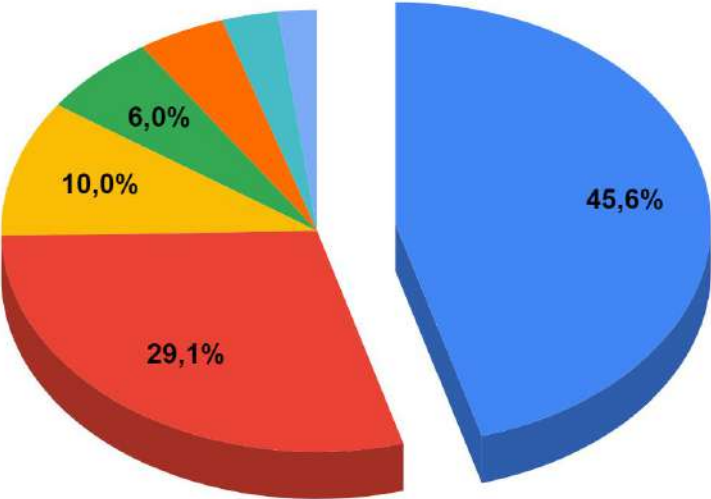
A French manufacturer
of **innovative** pressure vessels:
light, corrosion-free and **recyclable**,
for all **water applications**.



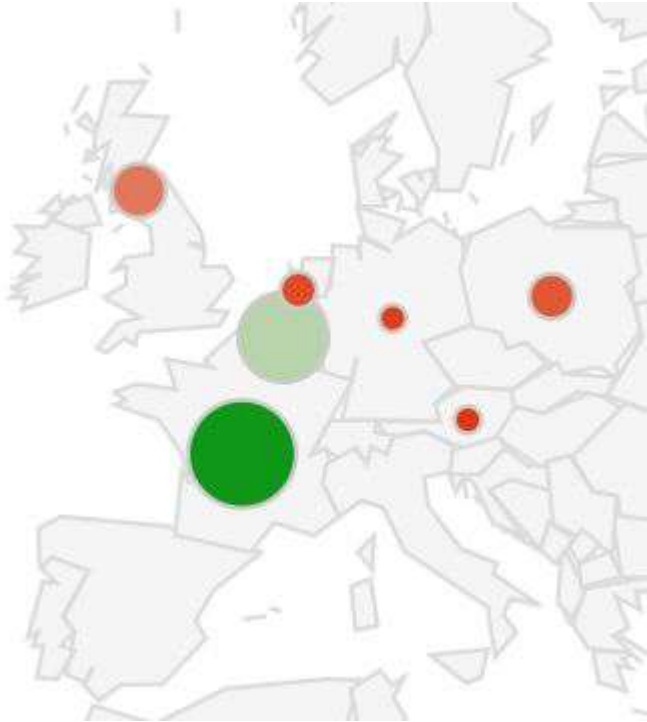
French but international

54% of our turnover comes from non-French customers

Turnover per country / 2023



- France
- Belgium
- United Kingdom
- Poland
- Netherlands
- Germany
- Austria



Our signature



- **Durable pressure vessels**

A seamless, linerless monolithic structure, totally corrosion-free.

An **extreme resistance** to pressure cycles, even in the toughest environments.



- **Made of recyclable materials**

Unlike other fiberglass tanks, the **thermoplastic materials** of *Compose It* tanks are thought to be easily recyclable.



- **Easy to install and maintain**

Twice **lighter** than steel, the *Compose It* tanks can be handled and installed very easily.

Their large opening allows an easy clean-up and maintenance of internal parts, to **fully benefit the long lifetime** of the external shell.



- **Made close-by**

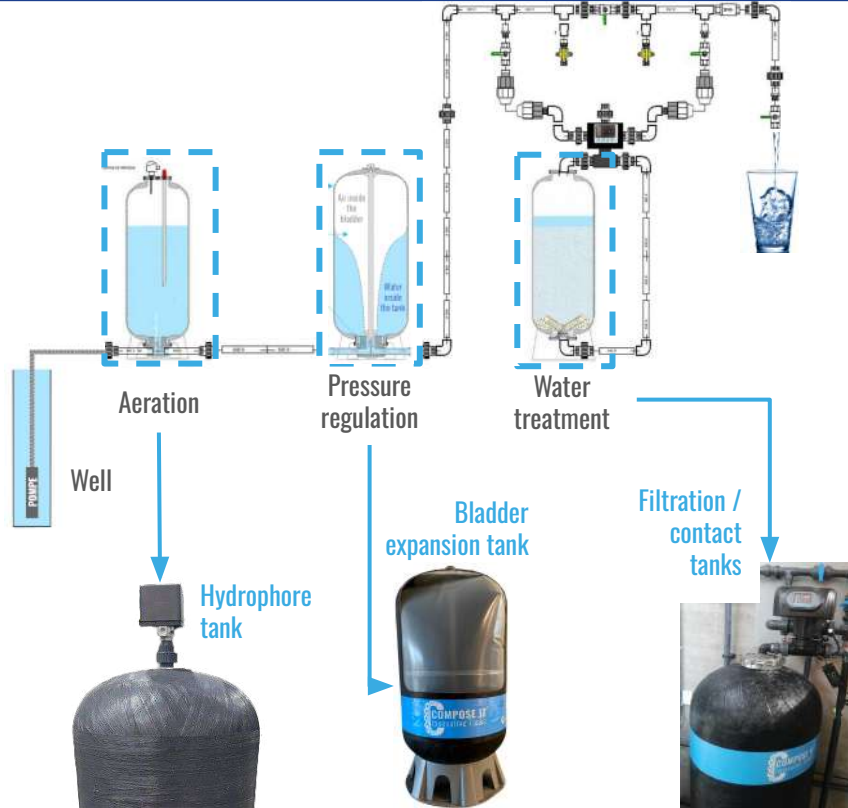
Human-size production units, as close as possible to our customers.

The proximity and reactivity of an SME, backed up by a global network of partners with **20+ years of expertise**.

Our applications

Well water

A **complete range** of light, corrosion-free and recyclable pressure vessels, for all applications **from well to use point.**



Water treatment



From **standard equipments** to **specifically designed solutions**, for water treatment in **all sectors**: agriculture, industry, residential, tertiary

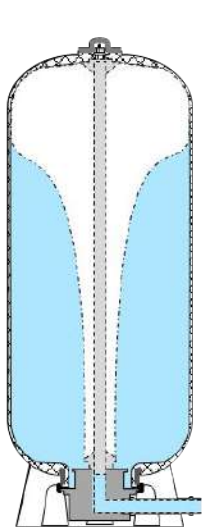
Ongoing developments

Sanitary hot water
Compressed air
Fire protection

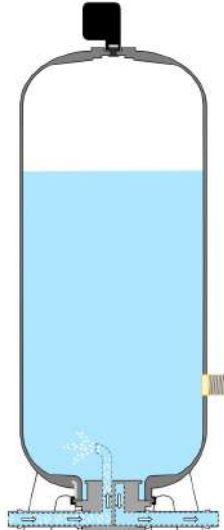
Reach out to us for **any pressure tank project!**

Our products

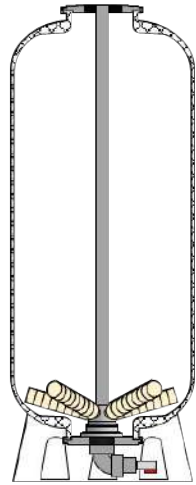
Compose It : Pressure tanks for water treatment



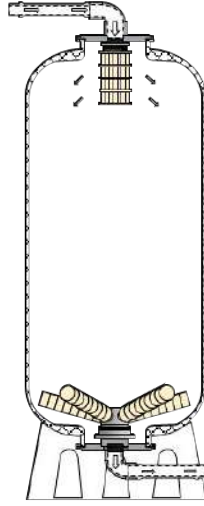
Bladder tank
RE-V
Pressure regulation



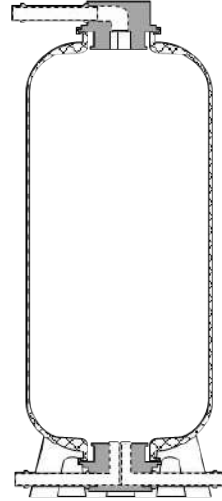
Hydrophore
RE-H
Pressure
Oxydation
Aeration



Filtration
Inlet & Outlet on the top
RE-FTOP
Filtration
(Direct head mount)

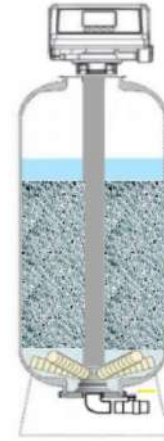


Filtration
Inlet up / Outlet down
RE-FDEP
Filtration



Contact time
RE-TC
Chloration

Complete Water treatment equipments

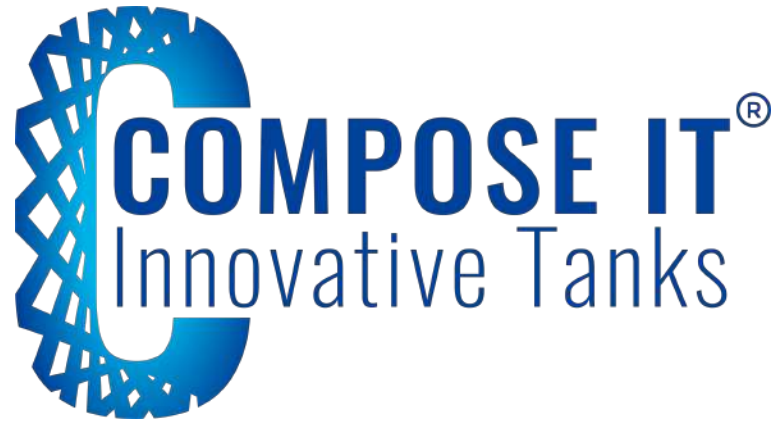


Turbidity filter
KW-FTU

Filtration 3 - 5 microns
Rainwater
Wellwater

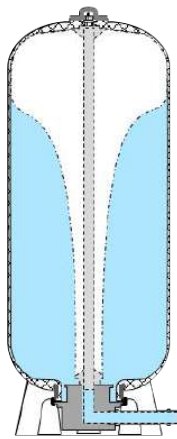
Specific projects

- **Consult us** for all your water treatment projects !



Range of pressure tanks

Bladder expansion tank



RE-V



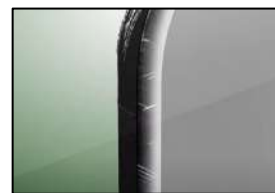
Air valve

Easily accessible to control the air pressure and refill when needed



Exclusive Compose It bladder

Unique TPU-based bladder, specifically formulated for a great **tightness** and for a **long life**: Extremely thin and **flexible**, and larger than the tank to **avoid any stress** during pressure cycles



Compose It tank

Very long lifetime, corrosion-free and lightweight. Unique **linerless** technology using **recyclable** materials.

Customisable band sticker

Show **your brand** on the tank

Large opening

Easy bladder replacement

Easy bladder replacement for a **durable** and **repairable** product
Tank warranty 10years / Bladder warranty 2years

Side Hole option for horizontal mounting



Volumes

60 - 115 - 150 - 230 - 300 - 450 L

Working pressure
8 bar



A unique bladder



specifically engineered for Compose It tanks :

- Made of TPU with good air barrier performance
- Extremely thin and flexible
- Bigger than the tank external shell

=> Even at higher pressure, the bladder is never stretched, hence a **high durability**

=> Allow for deeper pressure cycles, which **increases the useful water volume**

40 % more water out of the tank

Other technologies (bladders, membranes, diaphragms) :

Use from 1.5bar to 3bar

=> useful volume is 50% of the tank

Compose It (non-stretched bladder)

Use from 1.5bar to 5 bar made possible

=> useful volume is 70% of the tank

| Compose It | ↔ | Other tanks |
|------------|---|-------------|
| 60 L | ↔ | 80 L |
| 115 L | ↔ | 160 L |
| 150 L | ↔ | 200 L |
| 230 L | ↔ | 300 L |
| 300 L | ↔ | 400 L |
| 450 L | ↔ | 600 L |

PV-5 pump : the bladder tank's best friend



Get the most out of your Compose It tank with this pump

- light : 5.7 kg
- small : 288 x 255 x 170 mm
- made for domestic network
 - 5.8 bar at 12 L/min
- energy-saving : 650 W



Permanent magnet motor



Energy saving



304 food grade stainless steel



Suitable for mains connection



Variable frequency constant voltage



Integrated diagnostics

| PV-5 Boost-a-Main Pump | | |
|------------------------------|-----------------------------|----------------------|
| | Mains Water Supply | Tank Supply |
| Rated head | 50m (5 bar) | 35m (3.5 bar) |
| Maximum head | 58m (5.8 bar) | 58m (5.8 bar) |
| Rated flow rate | 0.7m ³ /h | 2.5m ³ /h |
| Maximum flow rate | 0.7m ³ /h | 4.8m ³ /h |
| Rated frequency | 50Hz/60Hz | |
| Rated voltage | 220V | |
| Rated current | 4.7A | |
| Maximum power | 650W | |
| Maximum speed | 5600r/min | |
| Inlet & outlet diameter | ¾" Male Thread | 1" Female Thread |
| Impeller | 4 Stage 304 Stainless Steel | |
| Housing & drive shaft | 304 Stainless Steel | |
| Temperature resistance grade | F | |
| Protection level | IP55 | |
| Maximum water temperature | 65°C | |

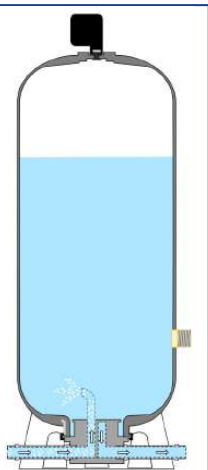
Hydrophore tanks



Volumes

115L
150L
230L
300L
450L

Working
pressure
8bar



RE-H



Direct pressure switch mounting

Easy access on top of the tank

Compose It tank

Very long lifetime, corrosion-free and lightweight.
Unique **linerless** technology using **recyclable** materials.

Customisable band sticker

Show **your brand** on the tank

Side hole

Allow connected accessories for installation with **underwater pump** (Pulsair 4) or **surface pump** (Ariamat)

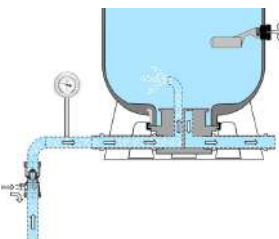
Separate inlet & outlet

For a better **air injection** inside the tank



Underwater pump

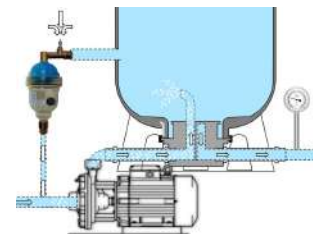
- Air injection when the pump stops & starts (Pulsair 3)
- Air level regulation inside the tank (Pulsair 4)



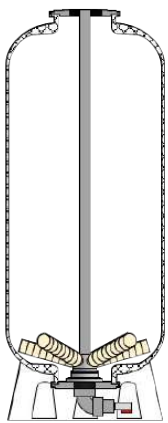
The same tank, with
optional accessories to fit
all your installations

Surface pump

- Injection and air level regulation with an Ariamat air injector device



Filtration tank - Direct head mount



RE-FTOP

Volumes

150 L : d 18" x h 1220mm

245 L : d 18" x h 1790mm

300 L : d 24" x h 1315mm

450 L : d 24" x h 1825mm

Max working pressure 8 bar



Filtration head screwed on the top

Custom thread to fit your equipment



Easy and fast demounting

160mm opening leaving room for both hands. Saves time for interventions and media fill-up



Compose It tank

Very long lifetime, corrosion-free and lightweight. Unique linerless technology using recyclable materials.



Customisable band sticker

Show your brand on the tank

Collectors mounted and fixed

Saves time during installation. Stays in place for long-term reliability.

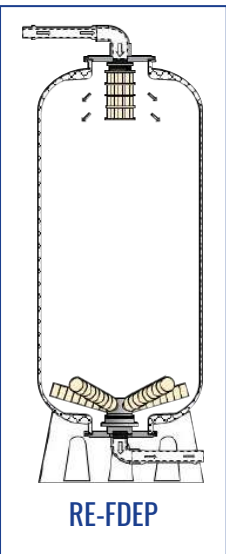


Drain valve

Eases and reduces the maintenance time.



Filtration tank - remote head mount



RE-FDEP

Volumes

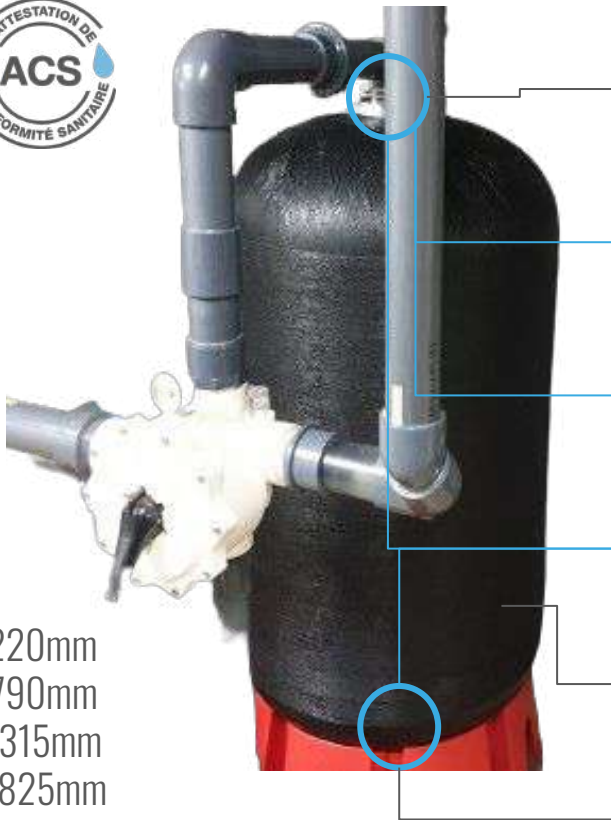
150 L : d 18" x h 1220mm

245 L : d 18" x h 1790mm

300 L : d 24" x h 1315mm

450 L : d 24" x h 1825mm

Max working pressure 8 bar



Inlet at the top, outlet at the bottom

Flexible options for your conceptions.

Water spreader at the top, 0.2mm slot collectors at the bottom.

Collectors mounted and fixed

Saves time during installation.

Stays in place for long-term **reliability**.

Up to 4 inch thread in the lids

Enables using large piping diameters in order to reach **very high flow rates**

Easy and fast demounting

160mm opening leaving room for both hands. Saves time for interventions and media fill-up

Customisable band sticker

Show **your brand** on the tank

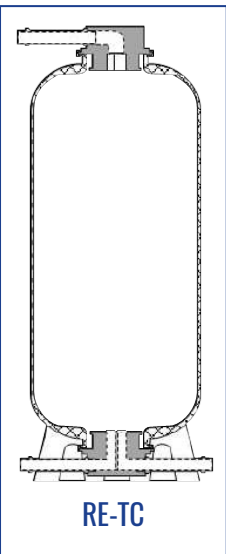
Compose It tank

Very long lifetime, corrosion-free and lightweight.

Unique **linerless** technology using **recyclable** materials.



Contact time / chloration tank



Inlet at the top, outlet at the bottom

Flexible options for your conceptions.

Up to 4 inch thread in the lids

Customizable to your specifications.

Enables using large piping diameters in order to reach very high flow rates

Easy and fast demounting

160mm opening leaving room for both hands.

Saves intervention and assembling time.

Customisable band sticker

Show your brand on the tank

Compose It tank

Very long lifetime, corrosion-free and lightweight.

Unique linerless technology using recyclable materials.



Volumes

60 - 115 - 150L

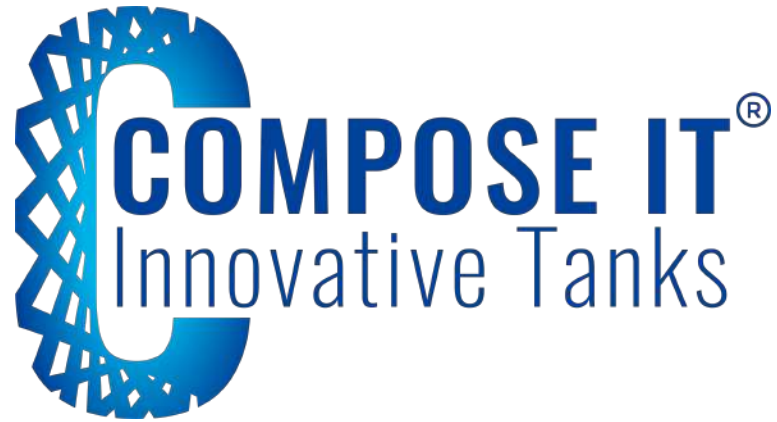
230 - 300 - 450L

Working pressure

8 bar

Selection
assistance

| Tank volume | Average consumption flow |
|-------------|--------------------------|
| 150L | 450 - 500 L/h |
| 300L | 900 - 1400 L/h |
| 450L | 1350 - 2000 L/h |

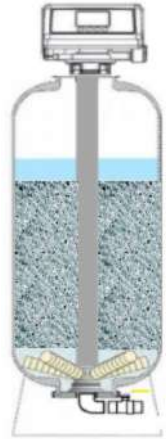


Water treatment solutions

Tanks, assembled with heads and filtration medium

Catalytic glass filter

100% natural filtration
Recyclable tank and filtration media



KW-FTU



A complete filtration solution, ideal for **rainwater** and **wellwater**

- Filtration tank **Compose It RE-FTOP** recyclable & drinking-water approved
- **Filtration head** included
- Collector system **pre-assembled** (to save installation time)
- **Filtration media** (easy to introduce through the large opening)

| | <i>Compose It</i> Filter | Classical sand filter |
|--|-----------------------------|--------------------------|
| Filtration flow rate (m ³ /h) | up to 32 m ³ /h | 8 - 12 m ³ /h |
| Size of particles filtered | down to 10 μm | 25 - 30 μm |

Catalytic glass beads: The ecological alternative to sand



Excellent filtration performance (1-5 μm)

Prevents the formation of **biofilm** and reduces **limescale** deposits
 Prevents **pressure drop** to **save water** during backwashing

-30% to -60%
 Water savings
 at backwash

100% recycled
100% recyclable
 Reduced ecological
 footprint

-20% to -30%
 Energy savings

Volumes and flows

18"-150 L 6 m³/h

18"-245 L 6 m³/h

24"-300 L 10 m³/h

24"-450 L 10 m³/h

Working pressure 6bar

Contact us for all your needs
of **pressure tanks**

info@composeit.fr