

NETAFIM WATER STORAGE TANKS



A NEW NAME IN WATER STORAGE

As the world's population continues to rise and natural resources come under pressure, the need for greater efficiency and sustainability makes more sense than ever. Since our inception in 1965, Netafim has been the global leader in irrigation and water management solutions, developing tangible productivity benefits for our customers and helping them to *'Grow More With Less!'*

Netafim aim to promote global changes regarding water usage and deliver technologically advanced products that address today's modern challenges. We empower our customers to protect the world's resources by using land, water and energy in more efficient and responsible ways.

Globally, Netafim operates in 112 countries through 32 subsidiaries, 15 factories and employs a total of 2,800 people. Netafim works closely with some of the world's largest multi-national food producing companies, designing, supplying, operating and financing many 'mega-projects' which cover many thousands of hectares.

Netafim is by far and away the largest irrigation company in Europe, supplying many countries, large and small, with a complete production and warehousing network. Wherever you are in Europe you are always close to a Netafim subsidiary.



FULL SUPPORT FROM THE WORLD'S LARGEST IRRIGATION COMPANY



The past decade has seen system design and complete infrastructure dominate our technical department, leading us to produce more robust and complete water solutions. Our insistence on quality and measurable parameters means that we lead the field in water storage tanks, where so much of the technology lies behind the basic structure.

Netafim are the only company in the UK who have full traceability on the steel used in our tanks, ensuring that our customers have the peace of mind that can only come from the world's largest irrigation company.

Through our network of technical support partners, Netafim can offer you a separate on-going tank maintenance package, helping to ensure the maximum life-span of your tank. The package also includes full installation instructions to enable you to comply with all the necessary UK specifications and legislation.

Adding a Netafim tank to your system fully integrates a range of high level components, which are designed to maximise its operational efficiency. As a result, you get time to do what you do best, safe in the knowledge that if additional support is required at any time, we are just a telephone call away!

PRODUCTS THAT SURPASS THE INDUSTRY STANDARDS



Netafim produce water storage tanks that surpass the standards set by the big names in the industry. Here's how we do it!

All Netafim tanks use steel with a tensile strength of 350N/mm^2 on thicknesses of 1.00mm and above, an increase of 25% over the industry standard. This gives

our tanks a greater resistance to corrosion. All the materials and components utilised in the manufacturing of our tanks are of the highest quality and can be fully traced back to the product source.

If your current tank does not comply with the latest European standards, it might not be covered on your insurance! Netafim use independent structural engineers to validate that our tanks comply with the latest European manufacturing codes. As a result, all Netafim tanks are suitable for the extremes of the marketplace.

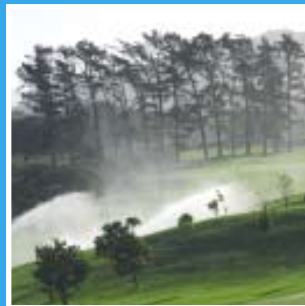
SOLUTIONS FOR INDUSTRIAL & MUNICIPAL APPLICATIONS

Wherever there is a need to store water, there is a requirement for a professional and proven storage system. An enclosed water tank system from Netafim keeps water cool, clean and fresh.

Netafim steel tanks are available with a range of liners, providing an excellent means of storing clean mains water, treated water, grey water, recycled water or dirty water. Using Netafim tanks as a biological sand filter, or purely as a settlement tank, you can transform dirty water into clean water and recycled water into usable water. As a rainwater catchment tank, a Netafim system can pay for itself in less than 3 years.

Typical applications include...

- Sports / Golf Irrigation
- Poultry
- Municipal / Landscape Irrigation
- Agriculture
- Horticulture
- Rainwater Harvesting
- Equestrian



STEEL TANKS: GALVANISED & COATED

GALVANISED STEEL TANKS



- 450g/m² Galvanising (G450) surpasses the current industry standard of 275g/m² (G275)
- Tanks have a minimum tensile strength of 350N/mm² which surpasses the current industry standard of 280N/mm²
- Steel panels up to 2.5mm thickness are available as standard.
- All tanks offer a safety factor of 1.35 which has been verified by independent consulting engineers.

COATED STEEL TANKS



- Steel sheets are coated on one side as standard – both sides can be coated for an extra charge.
- Standard colour is RAL6007 – other colours are available.
- Powder coated with an architectural grade polyester which is baked at 180°C – 200°C.
- Powder coated to a thickness of 40 - 60 microns.

RECOMMENDATION FOR LIFE TO FIRST MAINTENANCE FOR GALVANISED TANKS

Tank Description	Coastal	Industrial/Urban	Suburban/Rural
G275 - UK Standard	2 - 5 Years	2 - 5 Years	5 - 10 Years
G450 - Netafim Standard	5 - 10 Years	5 - 10 Years	10 - 20 Years
G600	10 - 20 Years	5 - 10 Years	20 - 50 Years

GENERAL INFORMATION:

- All fixings are supplied in plastic packaging.
- All panels are shipped with edge protection and all holes are sealed with tape to prevent water ingress.
- All coated tanks are packed separated by a protective sheet.

TANK COVERS: PREVENT CONTAMINATION

STEEL



- Complies with British Standards for snow and wind loadings.
- Lockable steel hatches for improved security are available to order.
- Two hatches per steel cover.
- Raised ball valve housing available to special order.
- Easy to install and construct.
- Manufactured using 600N/mm² steel.
- PVC central pole so no contamination or corrosion in the water.

ANTI-ALGAE



- Tailored anti-algae cover designed to fit the Netafim tanks.
- Inhibits algae growth by protecting the water from UV.
- Manufactured from 220g/m² woven Polypropylene.
- Supplied with a ball valve flap which also fits over the tank enclosure where used.

PVC



- Protects from wind-borne debris and UV; keeps water clean and cool.
- High angle of installation ensures that water and wind-borne debris runs off the cover.
- Very strong construction, tailor-made to fit Netafim tanks.
- For use with treated or even potable water.

All Netafim tank covers are manufactured to the highest standards and are designed to provide a long-term solution for covering a steel tank, and helping prevent or inhibit the growth of algae by stopping UV radiation from attacking the water. Netafim steel tank covers are best suited for sites where security could be an issue, or where there are overhanging trees as it will prevent leaves and wind-borne debris from entering the tank. They also comply with UK Standards for wind and snow loading. Netafim PVC covers are ideal for tanks up to 7.32 metres (24') and are a low-cost option compared to steel. Anti-algae covers are tailored to fit Netafim tanks and are made from woven polypropylene which prevents UV radiation whilst still allowing rainwater to filter through. Anti-algae covers are ideal for rainwater harvesting systems.

TANK LINERS: CHEMICAL RESISTANCE

Netafim supply a choice of tank liners, tailored to suit your specific size of tank and selected specially to match the requirements of the application. Liners that are suitable for chlorinated water, potable water, RO water, recycled and even dirty water are available. Special applications, where the water is chemically treated in a warm greenhouse, or applications where high UV and abrasion resistance are needed, can be catered for.

PVC

- Ideal for use with chlorinated water.
- Very flexible and easy to install.
- Available in 3 thicknesses, PVC is a liner to suit all budgets.
- Low maintenance costs and is easily repairable with glue.

POLYPROPYLENE

- Semi-rigid material with excellent mechanical strength.
- High chemical resistance makes it ideal for treated or reverse osmosis water.
- Excellent UV resistance.
- Shiny smooth finish - making it easy to clean.
- 10 Year warranty.

EPDM

- The industry standard; very strong and flexible and is suitable for nearly all applications.
- Available in 0.75mm and 1.00mm.
- Fantastic for cold weather installations.
- Excellent UV and abrasion resistance; does not harden or crack when continually flexed.
- 10 year warranty.
- Easily repairable and comes supplied with a repair kit.



PACKAGES: TANK, COVER & LINER

STANDARD PACKAGES

Netafim's standard tank packages provide a cost effective solution for replacing or installing a brand new tank. A standard package comprises of:

- 450g/m² Galvanised steel tank
- M10 8.8 Sheraplexed fixings supplied with anchor brackets
- 1.00mm EPDM liner (0.75mm will be used where the tank is 2.28 metres high or less)
- Steel cover - complies with UK snow and wind loadings
- 2" galvanised steel outlet

TYPICAL SIZES FOR STANDARD TANK PACKAGES - AVAILABLE FOR FAST DELIVERY!

Volume (m ³)	Dimensions (m)	Dimensions (ft)	Volume (m ³)	Dimensions (m)	Dimensions (ft)
24	3.69 x 2.28	12' x 7' 6"	150	9.21 x 2.28	30' x 7' 6"
37	4.61 x 2.28	15' x 7' 6"	200	9.21 x 3.04	30' x 10'
50	4.61 x 3.04	15' x 10'	288	11.06 x 2.28	36' x 7' 6"
72	5.53 x 3.04	18' x 10'	512	14.75 x 3.04	48' x 10'
98	6.45 x 3.04	21' x 10'			

OTHER DIAMETER AND HEIGHT COMBINATIONS ARE AVAILABLE, CONTACT YOUR LOCAL NETAFIM DEALER FOR PRICING AND SPECIFICATIONS

PACKAGING - HOW YOU RECEIVE THE KIT!

All Netafim tanks are professionally packed and labelled; bolt holes are sealed to ensure that water does not get between the tank sheets, the ends have edge protection and all fixings are packed in plastic containers. Liners are packed in cardboard or Geotextile and the covers are all individually packed

and labelled. Coated panels are always supplied with bubble wrap between them ensuring that they arrive on site completely scratch free. Netafim include a touch up paint if panels are scratched during installation. Where possible all parts will be on one shrink-wrapped pallet.

ACCESSORIES:

OUTLETS



Netafim supply PVC, Nylon, Galvanised Steel and Stainless Steel outlets in 2", 3" and 4" sizes. Where larger outlets are required, flanges are used up to a maximum of 12" (300mm). Bottom outlets in the form of a witch's hat or a pipe sleeve, manufactured in the relevant liner material, can also be used.

OVERFLOWS



Any of the outlets supplied can also be used as overflows, however, the most popular are PVC and Nylon.

VALVES



LEVER & GATE

Lever Valves and Gate Valves in Brass and all other materials. Supplied in 2", 3" and 4" sizes



HIGH PRESSURE BALL

Manufactured to meet UK Standards. Comes complete with copper float in sizes up to 2".

FIXINGS



Various types of pipe inlet and outlet fixings for a secure finish.

ESSENTIAL ADDITIONS

ENCLOSURES



Tank enclosures improve the aesthetic looks of the tank and are used to protect the supply pipe-work. Netafim enclosures are designed to complement the anti-algae and steel covers.

LADDERS



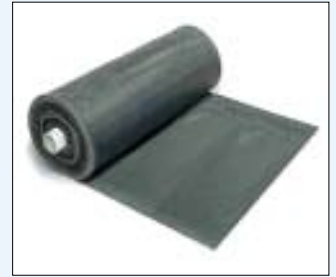
All the ladder systems supplied comply with the latest British Standards.

BOLT COVERS



Bolt covers are available in green and are for use with Netafim coated tanks.

REPAIR KIT



Repair kits are available for all types of tank liners and are supplied with adhesive.



**CONTACT US TODAY TO ARRANGE A
NO OBLIGATION SITE VISIT OR FOR
MORE INFORMATION**



New Leaf Irrigation Limited

HEAD OFFICE: Cherry Tree Cottage, Common Road, Hopton, Diss, Norfolk. IP22 2QU
T: 01953 681 590 | F: 01953 681 109 | E: info@newleafirrigation.co.uk

SPECIALIST TANK SALES: Mark Burt

M: 07767 160 939 | E: mark@newleafirrigation.co.uk

www.newleafirrigation.co.uk