



**WATERING SYSTEMS
FOR YOUR PLANTS**

BLUMAT WATERING SYSTEMS



Automatic watering saves you the trouble of daily watering and reduces your water consumption. At the same time, Blumat always supplies your plants with the right amount of water, which guarantees healthy plant growth and ensures lush colourful flowers. You can go on holiday at any time reassured: as often as you want as Blumat works all year round.

THE DIFFERENCE

The heart of the Blumat products is the clay cone. It is in direct contact with the soil and the roots and measures the moisture exactly where it is important. Each clay cone is a stand-alone sensor that regulates the release of water independently. As a result, every individual plant regulates its watering itself, totally individually and as required. You save time and money and enjoy healthy, beautiful plants.

SMART WITH NO POWER

Blumat works without any power and watering computer at all. There is no mains connection, no changing of batteries, no complex programming, the clay cone thinks for you.

THE IDEAL SOLUTION



BLUMAT TROPF SYSTEM

Automatic drip irrigation

Universal watering for plants on balconies, patios, in greenhouses and raised beds. Tropf-Blumat ensures the release of water on an individual and needs basis. The system works fully automatically.

BLUMAT CLASSIC

The classic for indoor plants

The tried and tested solution for the reliable watering of all kinds of indoor plants. Simple and totally safe to use, at the weekend, on holiday or all year round. Also suitable for the watering of balcony plants when you're on holiday in the XL version.

BLUMAT EASY

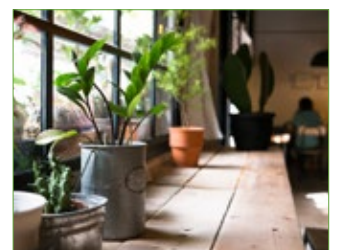
Watering aid for indoors and outdoors

Your uncomplicated flower sitter for a short break. The plants are continuously and evenly supplied with water during your absence. Blumat Easy can be used quickly and easily with any standard plastic bottle.

BLUMAT DIGITAL

Professional water control

You have sensitive plants or want to store potted plants safely over winter. Blumat Digital provides accurate information about the moisture in the roots area, you can precisely identify the perfect time for watering as a result.



TROPF-BLUMAT SYSTEM



Tropf-Blumat waters plants on balconies, patios, in greenhouses and raised beds. The system works fully automatically, the unique technology guarantees the release of water totally based on need.

An all-rounder

Tropf-Blumat can be used for all plants, for flowers, shrubs and vegetables. Large or small, plants with different water consumption can be combined without any worries.

Natural watering

The water is released slowly and in doses. Consequently, plants always receive tempered water and healthy and lush growth is the result. More flowers, more fruits, you will notice the difference.

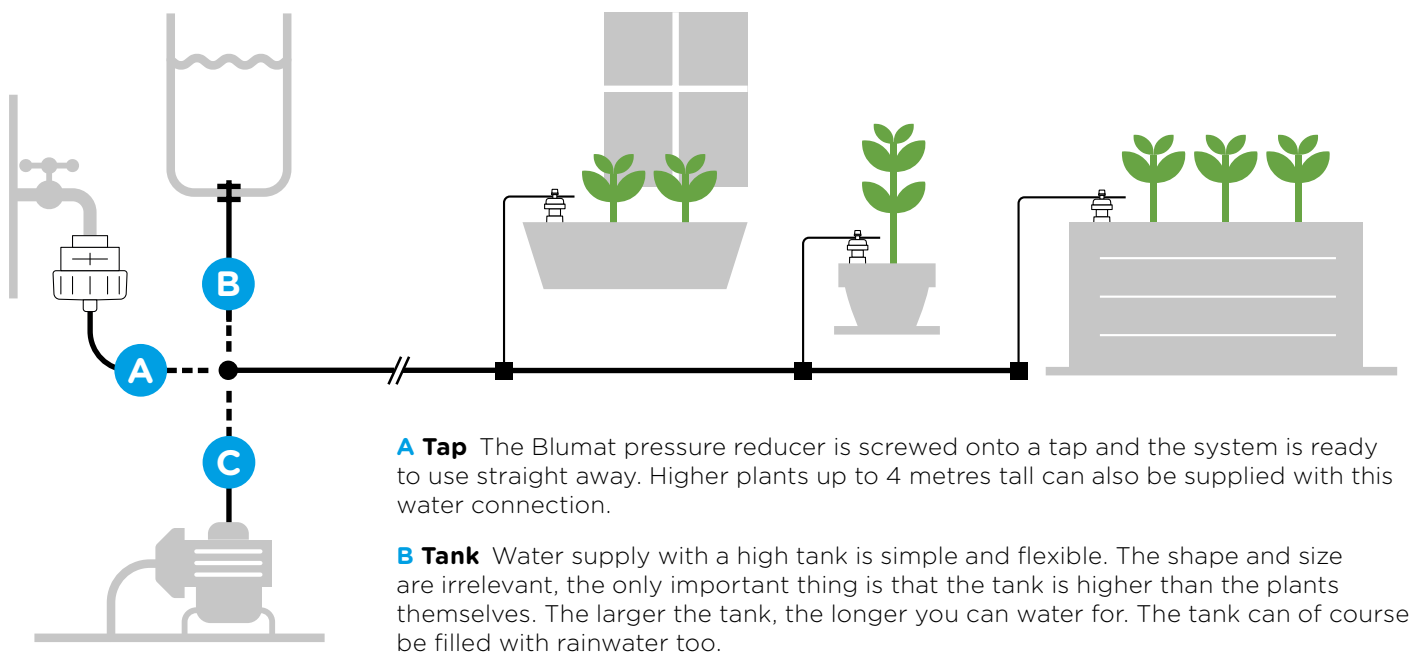
System design

Extendable and flexible

The Tropf system consists of just a few components and can be installed without any tools. Up to 500 plants can be supplied at the same time with one system. Changes and extensions are possible at any time, all the parts are available individually too.

Water connection

Your watering system starts here, plants can be reached at a distance of up to 60 metres away in a row with the 8 mm feeding tube. The water can be supplied in three ways.



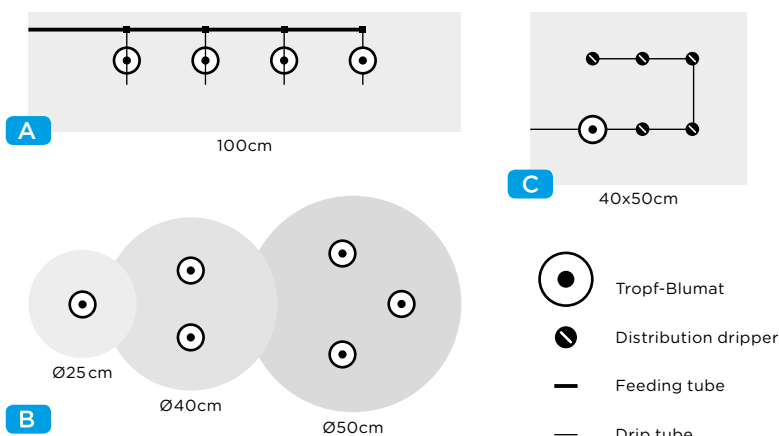
A Tap The Blumat pressure reducer is screwed onto a tap and the system is ready to use straight away. Higher plants up to 4 metres tall can also be supplied with this water connection.

B Tank Water supply with a high tank is simple and flexible. The shape and size are irrelevant, the only important thing is that the tank is higher than the plants themselves. The larger the tank, the longer you can water for. The tank can of course be filled with rainwater too.

C Pump With a pump you can draw in water from a fountain or lower lying tank to supply your Tropf-Blumat system. Only use pumps with an integrated expansion tank (domestic water system) and install the Blumat pressure reducer at the pump outflow. Higher plants up to 4 metres tall can also be supplied with this water connection.

Planning aid

1 Tropf-Blumat will water a diameter of approx. 20-25 cm of soil.



A e.g. to water balcony flower boxes:

100 cm in length: min. 4 Tropf-Blumat
80 cm in length: min. 3 Tropf-Blumat
60 cm in length: min. 2 Tropf-Blumat

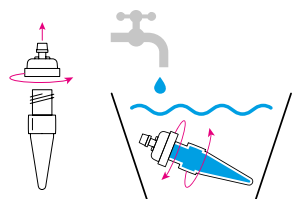
B e.g. to water tubs and planters:

Up to 25 cm Ø: 1 Tropf-Blumat (B1)
25 to 40 cm Ø: 2 Tropf-Blumat (B2)
40 to 50 cm Ø: 3 Tropf-Blumat (B3)

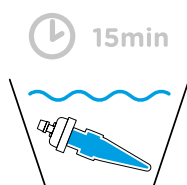
C Distribution drippers can also be used in relatively large pots, containers or beds instead of additional Tropf-Blumat inserts. 1 Tropf-Blumat and 5 distribution drippers will water an area measuring 40 cm in width and 50 cm in length.

Easy installation and positioning

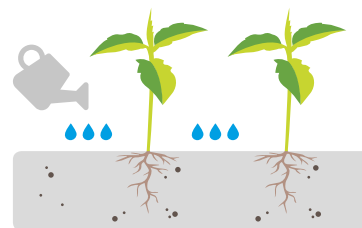
The positioning of a Tropf-Blumat is the same for all plants. A well positioned system does not need to be changed for the whole season.



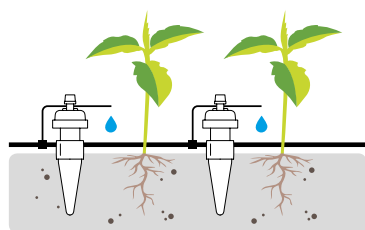
1. Unscrew the green water head and screw it together again under water. The ceramic sensor must be completely filled with water.



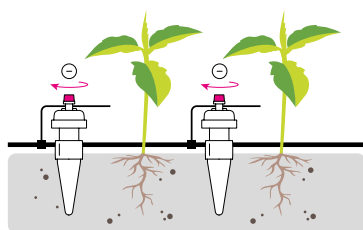
2. Leave the Tropf-Blumat in water for at least 15 minutes.



3. Water the potting soil generously.



4. Place one Tropf-Blumat into the moist soil for each plant and connect it to the feeding tube.



5. Position each Tropf-Blumat so that it no longer releases water when the soil is wet. Tropf-Blumat only starts to release water again once the soil is dry.

Tipp:

Tropf-Blumat does of course also work in clay granules.

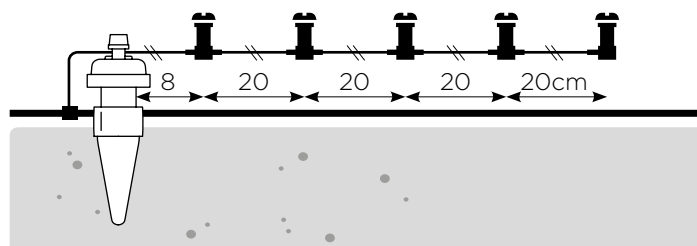
Tropf-Blumat Maxi

Tropf-Blumat Maxi is used with large potted plants and tubs up to **30 cm high**. It ensures even moisture in the roots area but the surface tends to remain dry. It is connected and positioned in exactly the same way as the normal Tropf-Blumat.



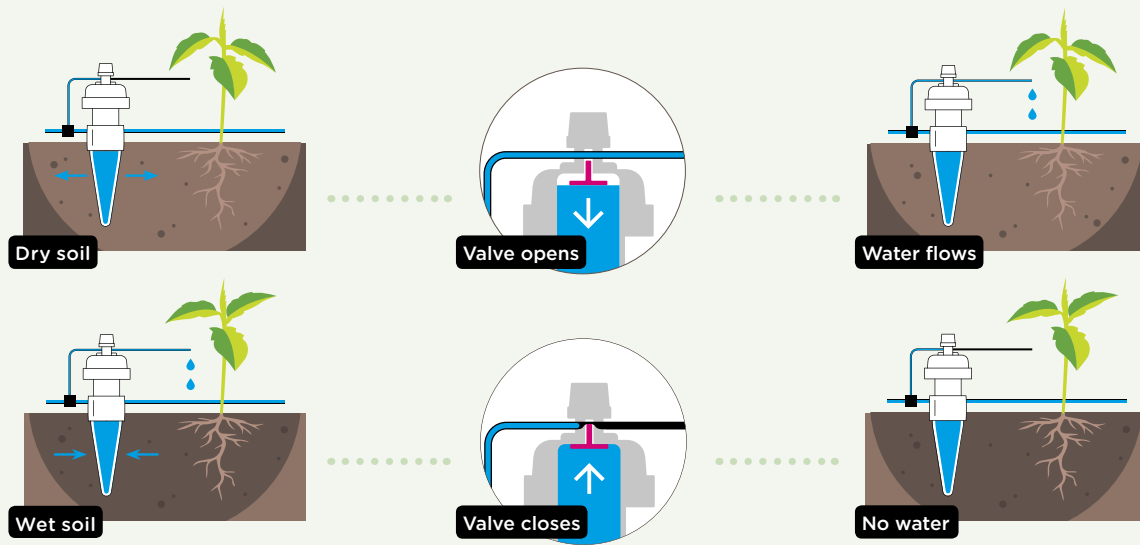
Distribution dripper

Up to 5 distribution drippers can be connected to one Tropf-Blumat or Tropf-Blumat Maxi. This increases the Tropf-Blumat's watering radius. Ideal for plants in large containers or for several plants with the same water requirements.



TROPF-BLUMAT SYSTEM

How does it work exactly?



This is how it works: the Tropf-Blumat is filled with water. This water is not used for watering but for control. If the soil gets dry, the Tropf-Blumat releases a bit of water onto the soil. The pressure goes down inside as a result and a valve opens. Once the soil is moist enough, the water is drawn back into the Tropf-Blumat through the clay cone and the valve closes. A simple principle of physics but highly effective and reliably for many years.

Worth knowing

Save yourself the trouble of daily watering. On statistical average 100 litres of water are poured with the watering can per balcony box, 200 litres with hanging baskets like surfinias, 350 litres with tomatoes and almost 1,000 litres with angel trumpets in the summer months.

The inner values count. Do not be deceived if the surface of the earth is dry. The water spreads out underground, only the surface of the soil under the drip tube is usually visibly moist. Too much water is also not good for your plants.

Your own vegetables taste best. Tropf-Blumat can be used for your vegetables without any worries. It does not contain any plasticisers or any other worrying substances in the plastic materials. Made in Austria quality.

All around the house. Tropf-Blumat has been developed specially for outdoor plants and may not be used indoors. We recommend Blumat Classic and Blumat Easy for indoor plants.

✓ Maintenance and preparing for winter

Disassemble the pressure reducer and store it in a frost-free location, all the tubes can stay outdoors. Wash down the Tropf-Blumat with water, removing encrusted soil from the clay cones with sandpaper.

✓ Fertilisation

Slow-release fertilisers that you add to the soil when planting are best. It is of course also possible to fertilise using the watering can.





for indoor plants

BLUMAT CLASSIC

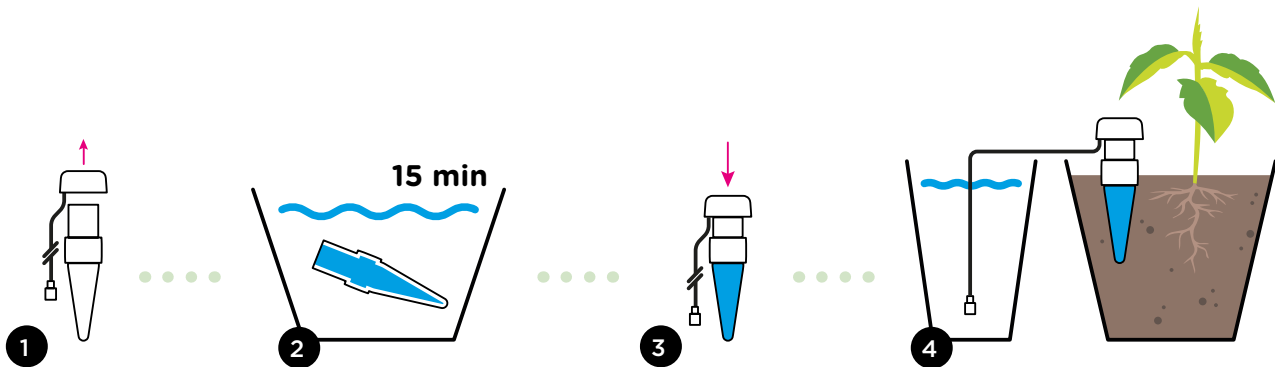


Advantages:

Easy and simple to use

- Blumat is ready to use at any time.
- Very easy installation.
- The plants stay in their usual location.
- No repotting is required.
- Blumat is ideal for watering when you're on holiday.
- Blumat can also be used all year round.

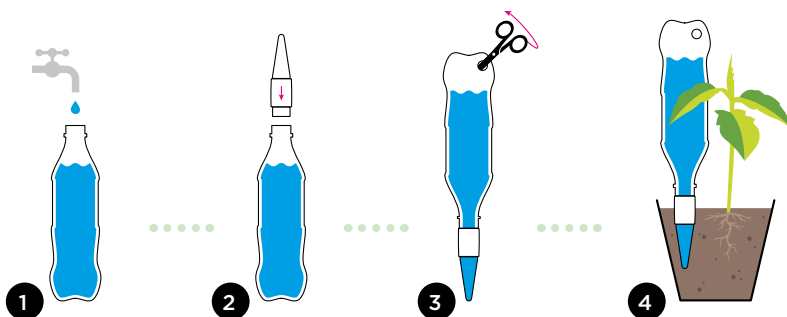
With Blumat Classic indoor plants get just the right amount of water that they actually need. Regardless of whether it's a sunny or shady location. The water is drawn from any container through a thin tube and released directly through the clay cone onto the plant. The Classic XL with larger clay cone that releases more water is ideal for indoor plants with higher water consumption or to supply plants on the balcony and patio when you are on holiday.



BLUMAT EASY

Universal Bottle Adapter

Blumat Easy is the simple watering system with permanent release of water. It is particularly ideal for plants on the balcony and in the garden, naturally for indoor plants too. Almost all standard 0.25 to 2 litre plastic bottles fit on the adapter. Insert the filled bottle with clay cone into the soil and the porous cone slowly releases 200 ml of water on the plant throughout the day. With large plant pots use the **Easy XL**, which releases 300 ml of water over 24 hours.



BLUMAT DIGITAL

Wet Soil Sensor

Valuable plants usually react very sensitively to soil that is too dry or too wet. It is particularly very difficult to determine the best watering time over winter. With Blumat Digital this is possible without any problems, it guarantees the exact measuring of the soil's moisture, which is otherwise only used in professional fruit growing and commercial nurseries.

The deeply inserted clay cone sensor measures the roots' absorbency and shows the values on the display. The higher the measured value the drier the soil is and the more thirsty the plant is. The instructions for use include a list with the ideal values for various plants. Once the maximum value has been exceeded, it's time to water the plant.





RELIABLE AND EASY TO USE

Create your individual watering system with the products of Blumat. Save time and give your plants always the right amount of water.

Range

With a Tropf-Blumat set you receive a ready to connect, fully automatic watering system. You can add to and extend this with any accessories. A detailed set of instructions is supplied with every kit.



10m Set

For 40 plants, incl. pressure reducer to connect to the water supply



3m Set

For 12 plants, incl. connector for a tank



Tropf-Blumat

Incl. drip tube and T-piece



Tropf-Blumat Maxi

For large plants



Distribution Dripper

To connect to a Tropf-Blumat



Pressure Reducer

Outlet pressure 1 bar, for 3/4" tap



Tank Connector

For installation on any tank, borehole 12mm



8mm Feeding Tube

Available in black and white



Shut-Off Valve

For the 8mm feeding tube



3mm Drip Tube

To connect distribution drippers



Hose Security Clamp

For all 8 and 3mm tubes



Support

For 8mm feeding tube and distribution drippers



Hose Union

8-8mm
To connect feeding tubes



Elbow

8-8mm
To change the direction of feeding tubes



Tee

8-8-8mm
To divert feeding tubes



T-Piece

8-3-8mm
To connect a Tropf-Blumat



End-Piece

8-3mm
To connect a Tropf-Blumat at the tube end



Mini Tee

3-3-3mm
To divert drip tubes



Mini Hose Union

3-3mm
To connect drip tubes



Stopper

To close 3mm outflows (T-piece, end piece, distribution dripper)



Protection Cap

Prevents accidentally moving the Tropf-Blumat



Corer

For easier insertion of the Maxi and Digital



Blumat Classic

Approx. 75ml / 24h



Blumat Classic XL

Approx. 125ml / 24h



Blumat Easy

Approx. 200ml / 24h



Blumat Easy XL

Approx. 300ml / 24h



Blumat Digital

Insertion depth 15-18cm



blumat.com

Blumat has been producing products for watering indoor and balcony plants for more than 50 years. Water-efficient, needs-based watering is our passion, our experience and expertise guarantee flawless and long-lasting products.

WARRANTY

We want you to be satisfied. All Blumat products are covered by a 2-year warranty from the date of purchase. Should you not be entirely satisfied, please contact your retailer or us directly (info@blumat.com).

Blumat GmbH & Co KG, Hag 7, 6410 Telfs, Österreich

www.blumat.com