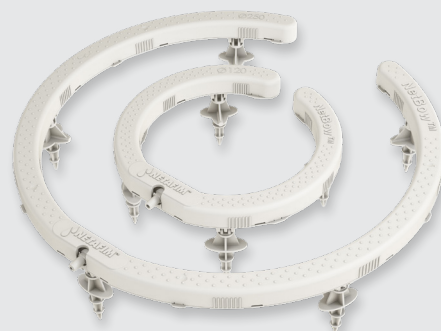


# NetBow™

Innovative, user-friendly multi-outlet arc designed for irrigation in wide pots and grow bags, ensuring uniform water distribution across the entire container area, with high clogging resistance.



## Benefits & Features

### User-friendly installation

Simple and fast installation, reducing labor requirements during both system setup and crop rotations.

### Superb distribution uniformity

NetBow™ integrates four or eight of Netafim™'s high clogging-resistant labyrinths, ensuring uniform water distribution across the container with reduced clogging risk.

### Long-lasting, high clogging resistance

Ensures reliable performance through multiple self-cleaning labyrinths that continuously flush debris during operation. A large filtration area before each outlet significantly reduces the risk of suspended particle ingress, maintaining dependable performance across a wide range of water qualities.

The TurboNet™ labyrinth at each outlet features wide, deep flow passages with large cross-sections that enhance clogging resistance. Water is drawn from the center of the flow stream, further minimizing particle ingress.

## Applications



Open field



Orchards



Protected crops

- Suitable for on-surface installation across a wide range of field conditions.
- Delivers uniform hydraulic performance on flat terrain, sloping fields and variable topographies, in accordance with the selected hub dripper.
- Ideal for precision irrigation in pots, containers and grow bags, particularly in nursery applications.



# Specifications

- Flow distribution: Total flow is determined by the hub dripper and divided evenly between 4 or 8 outlets, depending on the model.
- Container compatibility: Suitable for containers from 10 to 60 liters.
- Diameter options: 120 mm and 250 mm.
- Flow rate range (hub dripper):
  - 2.0–12.0 l/h for 250 mm model
  - 2.0–8.0 l/h for 120 mm model
- Maximum operating pressure: 4.0 bar.
- Minimum operating pressure (at hub dripper inlet): According to hub dripper specifications.
- Recommended minimum flow per outlet: 0.5 l/h.
- High resistance to chemicals and UV radiation for extended durability.
- Light gray color for improved light reflection.

## NetBow™ technical data

The total flow of the NetBow™ assembly is defined by the hub dripper and remains constant. The flow at each outlet is equal to the hub dripper flow divided by the number of outlets.

It is recommended that the actual flow per outlet is not less than 0.5 l/h.

The table below presents a few examples of the minimum inlet pressures required at the hub dripper to ensure proper flow at each outlet.

Hub dripper nominal flow rate (l/h) vs. minimum inlet pressure (bar)

| NetBow™ diameter (mm) | Number of outlets (units) | PCJ™            |                | PCJ™ LCNL       |                | PCJ™ HCNL       |                | Flow rate per outlet (l/h) |
|-----------------------|---------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|----------------------------|
|                       |                           | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) |                            |
| 120                   | 4                         | 2.0             | 0.6            | 2.0             | 0.8            | 2.0             | 1.6            | 0.50                       |
|                       |                           | 3.0             | 0.7            | 3.0             | 0.9            | 3.0             | 1.7            | 0.75                       |
|                       |                           | 4.0             | 0.8            | 4.0             | 1.0            | 4.0             | 1.8            | 1.00                       |
|                       |                           | 8.0             | 1.5            | 8.0             | 1.7            | N/R             | N/R            | 2.00                       |
| 250                   | 8                         | 4.0             | 0.6            | 4.0             | 0.8            | 4.0             | 1.6            | 0.50                       |
|                       |                           | 8.0             | 0.8            | 8.0             | 1.0            | N/R             | N/R            | 1.00                       |
|                       |                           | 12.0            | 1.1            | 12.0            | 1.3            | N/R             | N/R            | 1.50                       |

| NetBow™ diameter (mm) | Number of outlets (units) | PCJ™ PRO        |                | PCJ™ PRO LCNL   |                | PCJ™ PRO HCNL   |                | Flow rate per outlet (l/h) |
|-----------------------|---------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|----------------------------|
|                       |                           | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) |                            |
| 120                   | 4                         | 2.0             | 0.6            | 2.0             | 0.8            | 2.0             | 1.6            | 0.50                       |
|                       |                           | 3.0             | 0.7            | 3.0             | 0.9            | 3.0             | 1.7            | 0.75                       |
|                       |                           | 4.0             | 0.8            | 4.0             | 1.0            | 4.0             | 1.8            | 1.00                       |
| 250                   | 8                         | 4.0             | 0.6            | 4.0             | 0.8            | 4.0             | 1.6            | 0.50                       |

| NetBow™ diameter (mm) | Number of outlets (units) | UniRam™ RC      |                | UniRam™ CNL     |                | UniRam™ HCNL    |                | Flow rate per outlet (l/h) |
|-----------------------|---------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|----------------------------|
|                       |                           | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) | Flow rate (l/h) | Pressure (bar) |                            |
| 120                   | 4                         | 2.3             | 0.6            | 2.3             | 1.1            | 2.0             | 1.6            | 0.58 / 0.50                |
|                       |                           | 3.5             | 0.7            | 3.5             | 1.2            | 2.9             | 1.7            | 0.88 / 0.73                |
|                       |                           | N/R             | N/R            | N/R             | N/R            | 4.4             | 1.8            | 1.10                       |
| 250                   | 8                         | N/R             | N/R            | N/R             | N/R            | 4.4             | 1.6            | 0.55                       |

## NetBow™ package data (on carton box)

| Model                         | Quantity p/box (units) | Box dimensions (cm x cm x cm) | Average* box weight (kg) | Boxes p/pallet (units) | Pallet dimensions (cm x cm x cm) | Average* pallet weight (kg) |
|-------------------------------|------------------------|-------------------------------|--------------------------|------------------------|----------------------------------|-----------------------------|
| NetBow™ 250 mm/10", 8 outlets | 50                     | 35 x 28 x 57                  | 5.1                      | 24                     | 106 x 113 x 130                  | 132.4                       |
| NetBow™ 120 mm/5", 4 outlets  | 120                    | 32 x 28 x 56                  | 5.9                      | 24                     | 98 x 111 x 128                   | 151.6                       |

\*Values shown are average weights and may vary due to injection tolerance. Refer to the official Netafim™ disclaimers for details.



## Catalog numbers

Catalog number 77470 - (any of the below digits)

| Model                                                         | 1 (unit) |
|---------------------------------------------------------------|----------|
| NetBow™ 250 mm/10", 8 outlets, barb conn, gray, foldable      | 000210   |
| NetBow™ 250 mm/10", 8 outlets, press fit conn, gray, foldable | 000211   |
| NetBow™ 120 mm/5", 4 outlets, barb conn, gray, foldable       | 000212   |
| NetBow™ 120 mm/5", 4 outlets, press fit conn, gray, foldable  | 000213   |

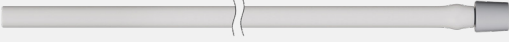
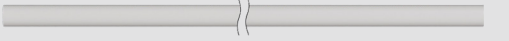
The catalog numbers listed in this table refer to a single unit.  
Orders must be placed in full box quantities or in multiples thereof.  
Each box contains 50 or 120 units, depending on the selected model.

## Related products

Netafim™ offers micro-tubes for connection between the hub dripper and the NetBow™, available in different lengths and configurations, with or without pre-assembled connectors.

These SSPE (Super Soft PE) micro-tubes are available in gray or black, depending on application requirements.

Available connection configurations include:

| Illustration                                                                        | Model                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------|
|    | Press-fit (hub dripper) to press-fit (NetBow™). |
|    | Press-fit (hub dripper) to barbed (NetBow™).    |
|    | Barbed (hub dripper) to press-fit (NetBow™).    |
|  | Barbed (hub dripper) to barbed (NetBow™).       |

## Ordering information

How to use: Select one option from each category to define the most appropriate product configuration for your application.

| Prefix                             | Inlet connector                                 | Micro tube                                | Tube length                      | Outlet connector                                |
|------------------------------------|-------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------|
| SR W/OD                            | Barb-female press-fit gray<br>Without connector | Super soft PE gray<br>Super soft PE black | 25 cm<br>30 cm<br>40 cm<br>50 cm | Barb-female press-fit gray<br>Without connector |
|                                    | PF-ST-ADP-G<br>W/OIC                            | SST-<br>SSB-                              | 0.25M<br>0.30M<br>0.40M<br>0.50M | ST-ADP-PF-G<br>W/OC                             |
| SR W/OD PF-ST-ADP-G SST-0.25M W/OC |                                                 |                                           |                                  |                                                 |

Catalog description example

Catalog description examples:

|                                           |              |                                                                                      |
|-------------------------------------------|--------------|--------------------------------------------------------------------------------------|
| SR W/OD PF-ST-ADP-G SST-0.30M W/OC        | 40200-000005 |  |
| SR W/OD PF-ST-ADP-G SST-0.30M ST-ADP-PF-G | 40200-000164 |  |

Suitable connectors are available for field assembly of micro-tubes between the hub dripper and the NetBow™.

| Illustration                                                                        | Description                                                               | Catalog number |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|
|  | Female press-fit / barbed connectors compatible with 3 mm ID micro-tubes. | 32000-001970   |

A range of dedicated installation tools is available in the Netafim™ accessories catalog.



Foldable NetBow™