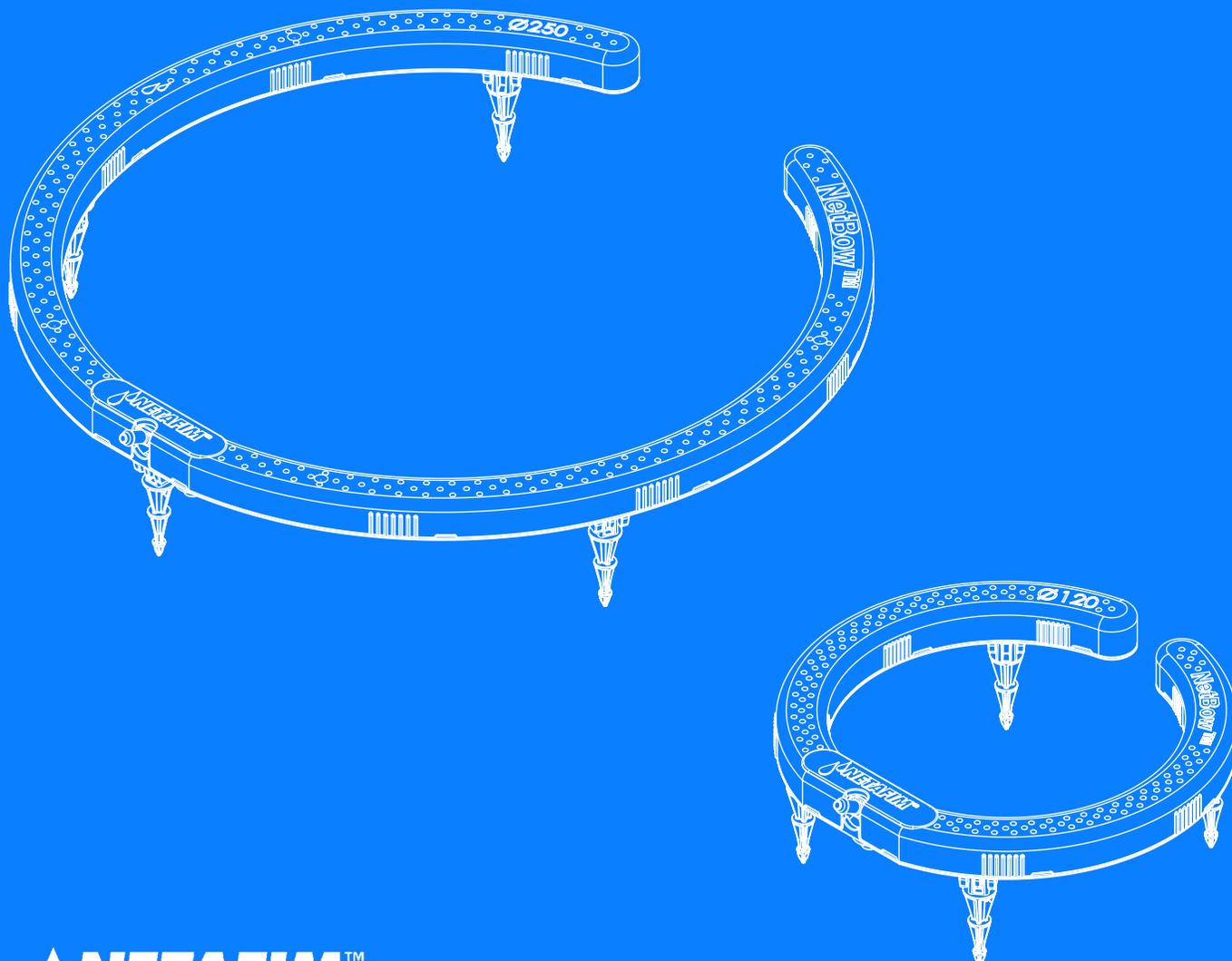


NetBow™

Container Irrigation Multi-Outlet Dripping Arc

Installation Manual



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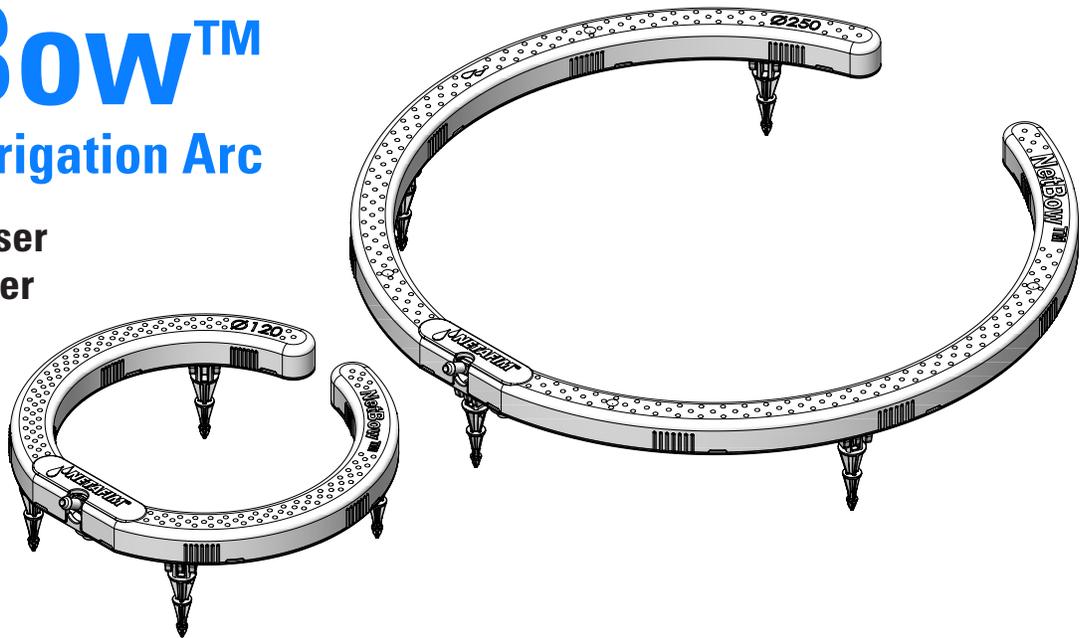
FOREIGN LANGUAGES

In the event that you are reading this manual in a language other than the English language, you acknowledge and agree that the English language version shall prevail in case of inconsistency or contradiction in interpretation or translation.

NetBow™

Container Irrigation Arc

An innovative user friendly container irrigation multi-outlet dripping arc with high clogging resistance and superb water distribution



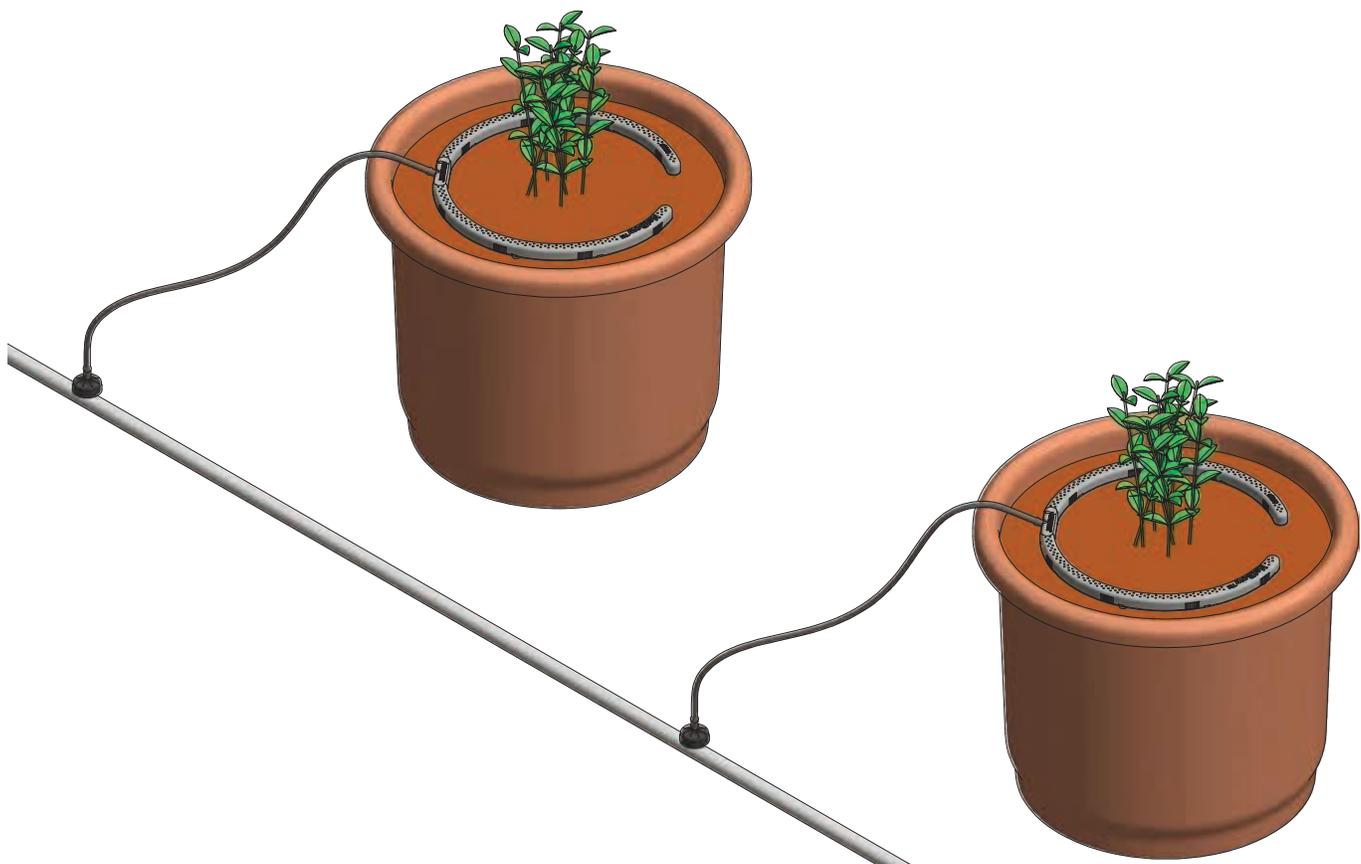
Specs. & Recommendations

- Compatible with 10-60 liters (2.5-15 gallon) containers
- Diameter: 120, 250 mm (5, 10 inches)
- Dripping outlets: 8 and 4 respectively.

The flow from each one of the dripping outlets is the hub dripper flow divided by the number of dripping outlets.

- Minimum operating pressure: according to hub dripper definitions.
- Maximum recommended pressure at the hub dripper inlet: 4.0 bar (58 PSI)
- Flow of the hub dripper should be 2.0-8.0 l/h (0.53-2.11 GPH).

If your required flow / pressure is out of this range, consult your Netafim™ local representative.



Connection options

NetBow™ can be connected to different hub dripper - PCJ, PC, or UniRam™ with Dr. Zip™

- When connected to a hub dripper, NetBow™ can deliver flow rate as low as ¼ l/h from each one of its 4 or 8 dripping outlets, while maintaining sufficient velocity for self-cleaning.

NetBow™ options of hub dripper

PCJ on line



PC on line



UniRam™ with Dr. Zip™

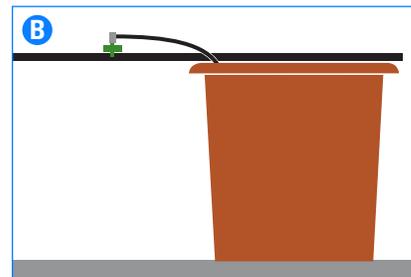
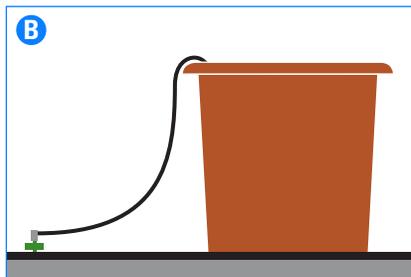
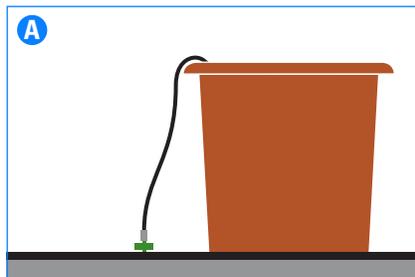


Installation

- Cut a section of 3X5 mm diameter micro-tube at the required length to reach conveniently from the hub dripper to the NetBow™ inlet. Using SSPE (super soft polyethylene) micro-tube is recommended for ease of installation (pre-cut SSPE micro-tube sections of the required length with the required assembly fittings can be ordered).
- Connect it to the barb connector of the hub dripper. If the hub dripper is fitted with a Press-Fit outlet connector, use a Press-Fit to barb adapter (see available options on page 5).

Use the appropriate type of adaptor according to the dripline and hub-dripper location

- A** If the hub dripper is at close proximity to the pot and the dripline is located on the surface on which the pot rests, it is recommended to use a straight barb adapter.
- B** If the hub dripper is at a distance from the pot or the dripline is located on top of the pot, it is recommended to use an elbow barb adapter.



NetBow™ options of connection to the hub dripper

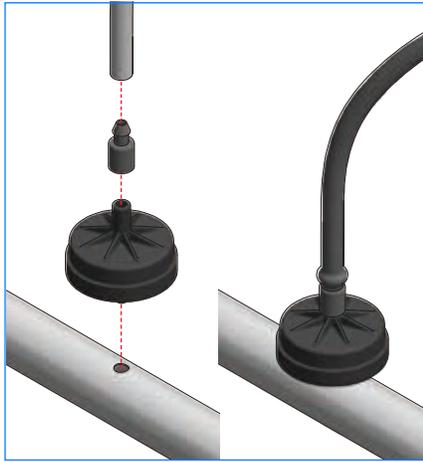
PCJ on line

- PCJ with barb outlet



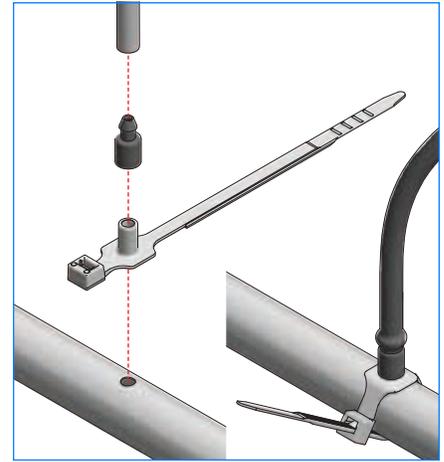
PC on line

- PC with Press-Fit outlet and straight Press-Fit to barb adaptor

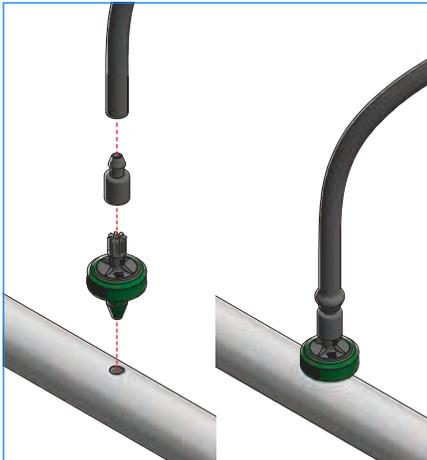


UniRam™ with Dr. Zip™ with Dr. Zip™

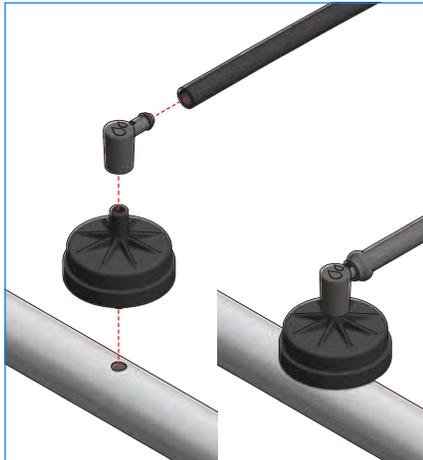
- UniRam™ with Dr. Zip™ and straight Press-Fit to barb adaptor



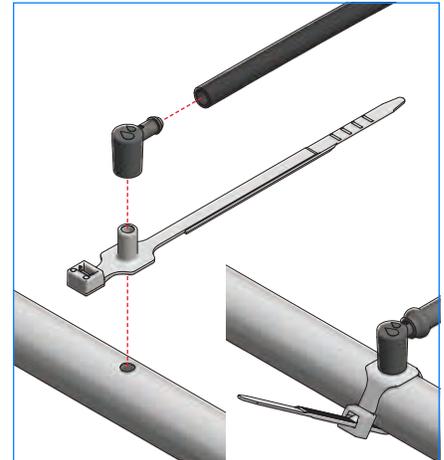
- PCJ with Press-Fit outlet and straight Press-Fit to barb adaptor



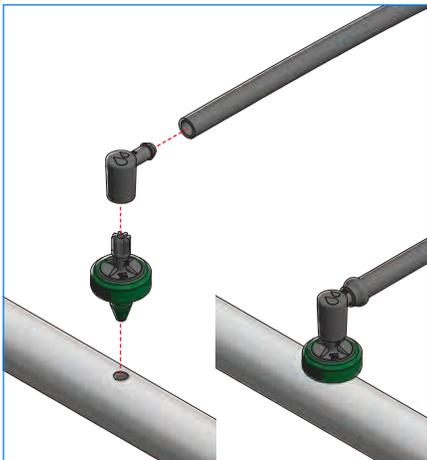
- PC with Press-Fit outlet and elbow Press-Fit to barb adaptor



- UniRam™ with Dr. Zip™ and elbow Press-Fit to barb adaptor



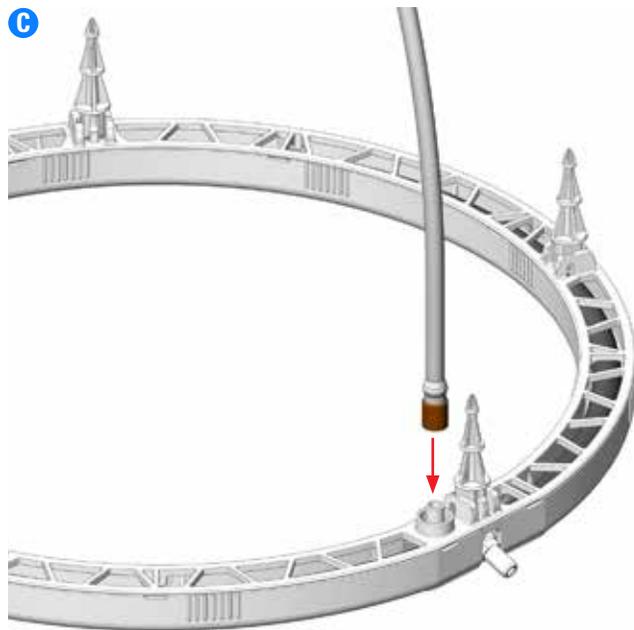
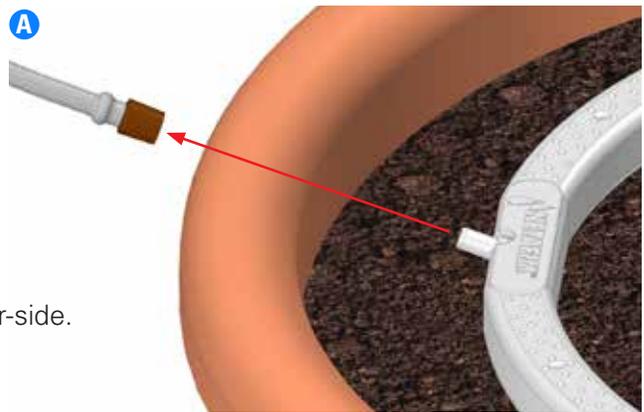
- PCJ with Press-Fit outlet and elbow Press-Fit to barb adaptor



When a NetBow™ is to be temporarily not in use:

Use the Press-Fit plug incorporated in the NetBow™ under-side

- A** Disconnect the micro-tube Press-Fit adapter.
- B** Remove the NetBow™ from the pot.
- C** Plug the micro-tube Press-Fit adapter into the Press-Fit plug incorporated in the NetBow™ under-side.



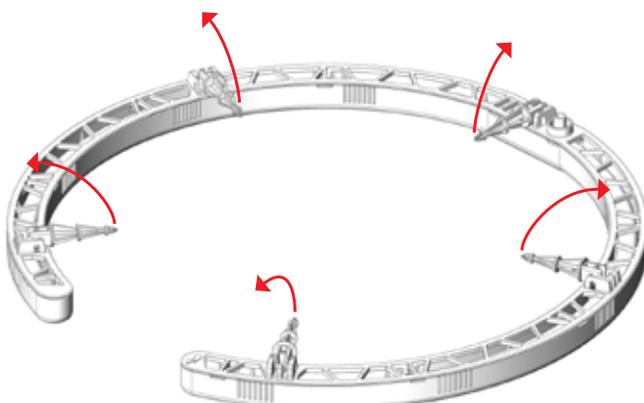
6 different NetBow™ models are offered

- 250mm/10" with insertable spikes;
 - 250mm/10" with foldable spikes;
 - 120mm/5" with foldable spikes, each with barb or Press-Fit connector
- (See [Product order data](#) on page 8)

NetBow™ models with foldable spikes

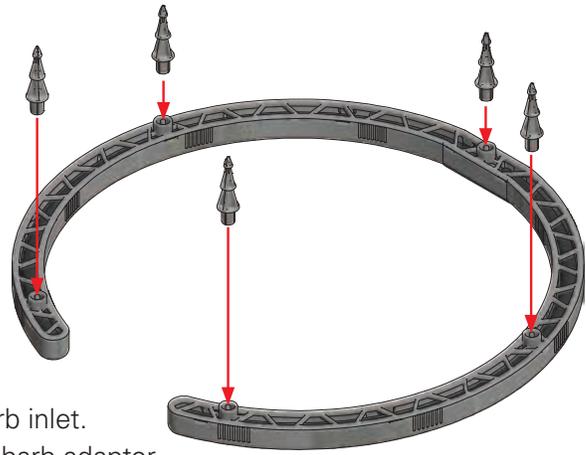
- Extend the 5 foldable spikes on the NetBow™ underside

Size	Outlets	Connector	Spikes
250mm/10"	8	Barb	Insertable
250m/10"		Press-Fit	
250mm/10"	4	Barb	Foldable
250mm/10"		Press-Fit	
120mm/5"	4	Barb	Foldable
120mm/5"		Press-Fit	



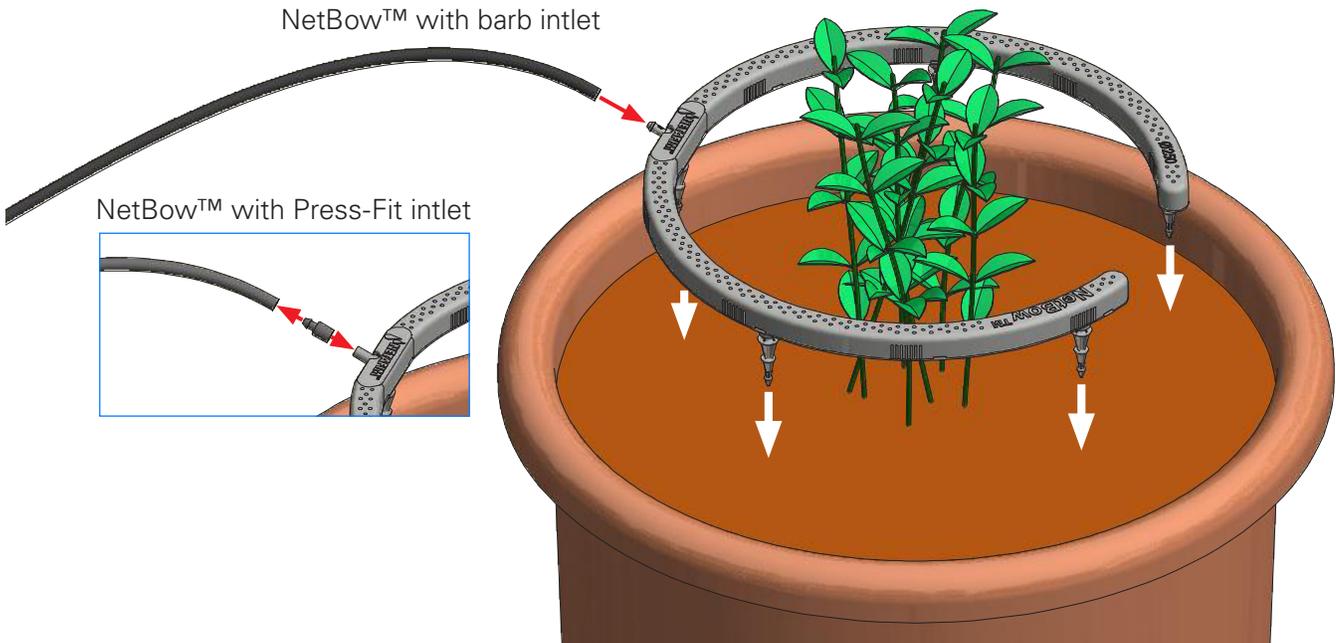
NetBow™ models with insertable spikes

- Insert the 5 spikes into the 5 holes on the NetBow™ underside

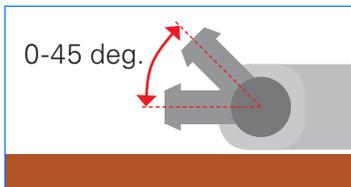


Continue installation (all models)

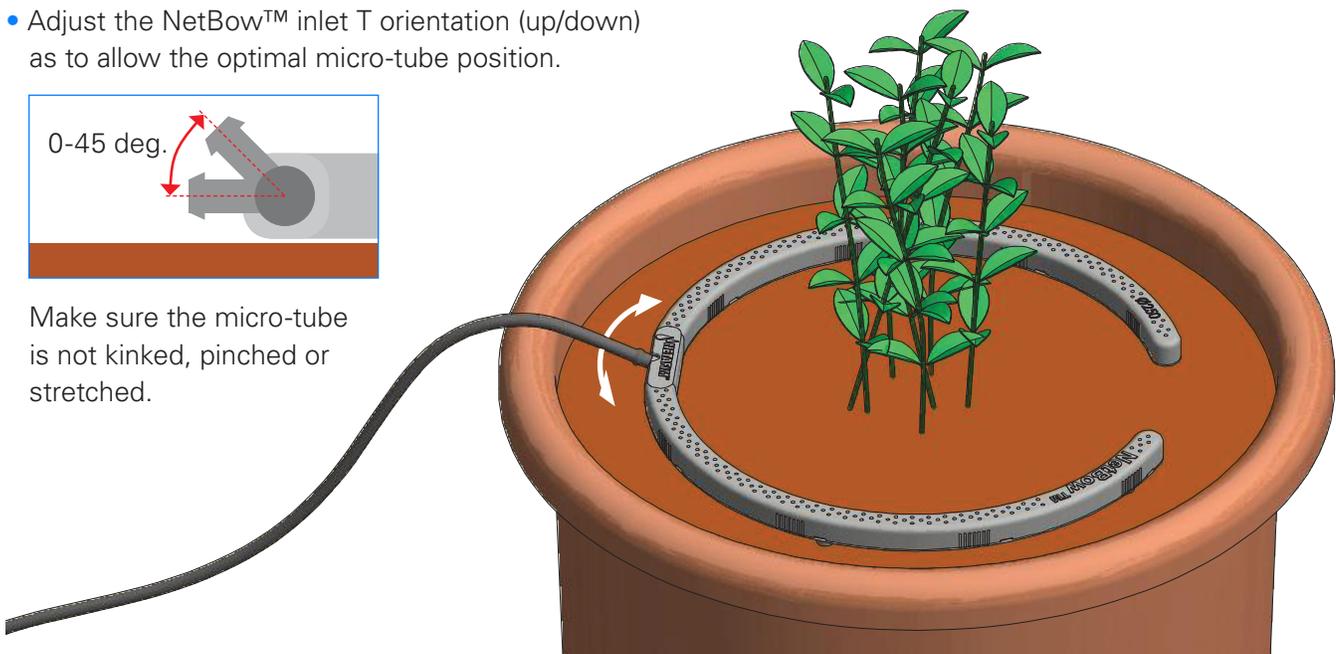
- Connect the free side of the micro-tube to the NetBow™ barb inlet. For NetBow™ with Press-Fit inlet use a straight Press-Fit to barb adaptor
- Place the NetBow™ on the substrate surface in the pot, surrounding the plant location.
- Insert the NetBow™ spikes into the substrate so that its underside is in contact with the substrate.



- Adjust the NetBow™ inlet T orientation (up/down) as to allow the optimal micro-tube position.



Make sure the micro-tube is not kinked, pinched or stretched.



Order Details

Product order data

Product Description	Quantity per box (Units)	Box sizes (Inches)	Box weight (lb)	Boxes per pallet	Cat. No.
NetBow™ 250mm/10", 8 outlets, barb, grey	60	W 22 L 11 H 12.5	11.5	24	77470-000106
NetBow™ 250m/10", 8 outlets, Press-Fit, grey					77470-000124
NetBow™ 250mm/10", 8 outlets, barb, grey, foldable	50		11		77470-000125
NetBow™ 250mm/10", 8 outlets, Press-Fit, grey, foldable					77470-000126
NetBow™ 120mm/5", 4 outlets, barb, grey, foldable	120		13		77470-000142
NetBow™ 120mm/5", 4 outlets, Press-Fit, grey, foldable					77470-000143

Accessories

The NetBow™ can be connected directly by micro-tube to Netafim™ PCJ on line drippers equipped with a barb outlet, or to PC, PCJ on line drippers and UniRam™ integral driplines with Dr. Zip™, using one of the following Netafim™ adapters (to be ordered separately):

Product	Description	Units	Cat. No.
Micro-tube Adapter barb - straight 3 X 5 	Inlet: Female Press-Fit Outlet: Barb, 3 X 5 Colored gray	1 unit	32000-001950
		50 units/bag	N/A
		100 units/bag	N/A
Micro-tube Adapter barb - straight 3 X 5 	Inlet: Female Press-Fit Outlet: Barb, 3 X 5 Colored brown	1 unit	32000-002000
		50 units/bag	32000-002010
		100 units/bag	32000-002020
Micro-tube Elbow adapter barb 3 X 5 	Inlet: Female Press-Fit Outlet: Barb, 3 X 5 Colored black	1 unit	N/A
		50 units/bag	32000-002520
		100 units/bag	32000-002525
Micro-tube Elbow adapter barb 3 X 5 	Inlet: Female Press-Fit Outlet: Barb, 3 X 5 Colored gray	1 unit	N/A
		50 units/bag	32000-002526
		100 units/bag	N/A
Soft PE micro-tube 3 X 5 	Soft PE micro-tube bi-layer, gray outside, black inside	100 m length	40005-000202
		200 m length	40005-000201
		500 m length	40005-000200

Related assemblies

Product name	Description	Functionality	Units*	Cat. No.
SR W/OD MEL-FPF SSG-0.60M	Press-Fit Elbow Adapter Gray + 60cm SSG Microtube	To connect Press-Fit hub dripper to NetBow™ barb	1	40200-043275
SR W/O ADAPTOR 5MM SSG-0.60M	Straight Adapter Black + 60cm SSG Microtube	To connect Press-Fit hub dripper to NetBow™ barb		40200-043276
SR PCJH-4LH-BRB W/OM SSG-0.60M	PCJ HCNL 4 L/H + 60cm SSG Microtube	PCJ + micro tube to connect PE pipe to NetBow™ barb		40200-046499

*The catalog number is in units but orders will be in boxes of 500 units

For more information about Netafim's drippers see the drippers catalog at <http://www.netafim.com/irrigation-products-technical-materials>.

Author: Abed Masarwa, Product Management Dept., March 2020

ASSEMBLIES

Model Number	Description	Units*
11002520-B	5mm Elbow	50
11WPCON-B	3mm flex tube adapter (for nipple outlet drippers)	250
15FPEW53-18	18" Pre-cut Super flex uv white pe tubing (5/3 mm)	100
15FPEW53-24	24" Pre-cut Super flex uv white pe tubing (5/3 mm)	100
15FPEW53-30	30" Pre-cut Super flex uv white pe tubing (5/3 mm)	100
15FPEW53-36	36" Pre-cut Super flex uv white pe tubing (5/3 mm)	100

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