

Material Catalogue

aponix vertical barrel



Version 2018-11



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Please visit our website (<https://www.aponix.eu>) in order to understand the possible setups and the logic of the aponix vertical barrel system. This is a basic overview to show the major parts, their purpose and their article numbers.

Bases

<p>Closed Base</p>  A white, circular, shallow plastic base with a slightly raised rim and a central vertical support structure.	<p>Use: Reservoir for standalone setup. Base for substrate-based or filter setup.</p> <p>Dimensions: 640x640x240mm, 4kg</p>	<p>Article-No: mmp101511</p> <p>Material: PVC, 6mm, vacuum molded</p>
<p>Multi-Barrel Base</p>  A white, circular, shallow plastic base with a central opening and a large, triangular-shaped cutout at the bottom. It has a slightly raised rim.	<p>Use: On larger setups with multiple vertical barrels when liquid is managed in a central/external reservoir.</p> <p>It comes with a 3/4" outside thread fitting.</p> <p>Dimensions: 870x870x220mm, 4.5kg</p>	<p>Article-No: mmp101509</p> <p>Material: PVC, 6mm, vacuum molded</p>

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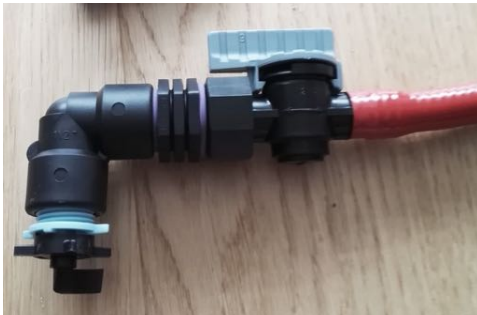
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Top and Irrigation

Top Lid  A white, circular, vacuum-molded top lid with a central hole and a small protrusion in the center.	<p>Use: Cover the top. Can optionally hold sprinkler for pressure irrigation.</p> <p>Dimensions: 580x580x100mm, 1kg</p>	<p>Article-No: mmp101439</p> <p>Material: PVC, 4mm, vacuum molded</p>
Sprinkler  A black plastic sprinkler head with a red hose attached, mounted on a wooden surface.	<p>Use: It can be mounted on top of the top lid, and requires a pressure line ≥ 1.5bars, flow rate is 5l/min. Attaches to a 1/2" hose via spigot.</p>	<p>Article-No: apo- sprinkler</p>
Waterbuffer  A white, circular, vacuum-molded waterbuffer with a central hole and a small protrusion in the center.	<p>Use: For low pressure irrigation this additional part is placed on top below the top lid. It can be filled from the top via hose or from inside a vertical barrel via submersible pump and an additional hole and fitting (3/4" outside thread underneath) in the center.</p> <p>Dimensions: 580x580x100mm, 800g</p>	<p>Article-no: mmp101484</p> <p>Material: PVC, 3mm, vacuum molded</p>



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<p>Pump for Standalone Setup</p> 	<p>Use: Provides low pressure liquid to a waterbuffer from a closed base underneath.</p> <p>Model: OASE OptiMax 2000, max height 2.3m</p>	<p>Article-no: oase42657</p>
<p>Inside Connection Hose</p> 	<p>Use: Connect 3/4" hose to submersible pump and connect other end with fitting in waterbuffer. A valve is added for fine tuning.</p>	<p>Article-No: apo-hose-3-4</p>

Barrel Pieces

Used to build ring segments for vertical barrels and provide grow adapters. 6 pieces are required to assemble a full ring segment. All pieces can be interchanged to ,configure' the cultivation area / outside of a vertical barrel.

<p>Two-Net-Pot Piece</p> 	<p>Use: Soilless</p> <p>Dimensions: 300x160x80mm, 200g</p>	<p>Article-No: mmp200759</p> <p>Material: ASA, injection molded</p>
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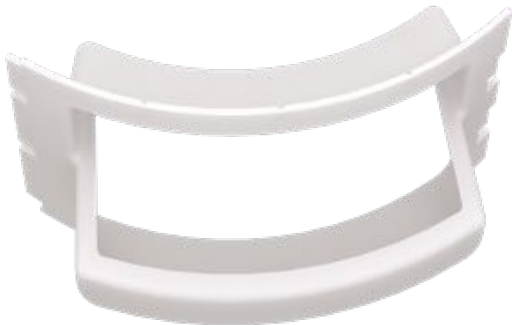


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<p>Closed Piece</p> 	<p>Use: Soilless and substrate based.</p> <p>Dimensions: 300x160x50mm, 180g</p>	<p>Article-No: mmp200782</p> <p>Material: ASA, injection molded</p>
<p>Shelf Piece</p> 	<p>Use: Substrate based</p> <p>Dimensions: 300x160x130mm, 210g</p>	<p>Article-No: mmp200781</p> <p>Material: ASA, injection molded</p>
<p>Revision Piece</p> 	<p>Use: Soilless</p> <p>Dimensions: 300x160x50mm, 180g</p> <p>Lid diameter 120mm.</p>	<p>Article-No: apo- revision</p> <p>Material: ASA, injection molded, lid LDPE.</p>
<p>One-Net-Pot Piece (not available yet, planned for Q2-2019)</p> 	<p>Use: Soilless</p> <p>Dimensions: 300x160x80mm, 200g</p>	<p>Article-No: -</p> <p>Material: ASA, injection molded</p>

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Bundles

Here are the standard bundles including the parts required to set them up. There are many other setups possible. Height and ring segment configuration can always be variable.

<p>Multibarrel (12 Ring Segments, 142 Grow Spaces)</p> 	<p>Use: Set up lines with vertical barrels with external reservoir.</p> <p>Irrigation: With pressure line from above of each barrel attached to sprinkler. Liquid drains on the bottom of each vertical barrel and needs to be redirected to an external reservoir by independent plumbing/piping. Overall planning required.</p> <p>Dimensions: Diameter 570mm, Base 870mm, height 2.2m</p>	<p>Material list:</p> <ul style="list-style-type: none">1 x Lid1x Sprinkler1 x Multi-Barrel Base1 x Revision Piece60 x Two-Net-Pot Piece
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Standalone Soilless (10 Ring Segments, 118 Grow Spaces)



Use: Run 1 or some individual vertical barrels all with their own reservoir in the base.

Dimensions: Diameter 570mm, Base 640mm, height 1.9m

Material list:

1 x Lid
1 x Waterbuffer
1 x Closed Base
1 x Revision Piece
60 x Two-Net-Pot Piece

In order to have it ready-to-run you will need:

1x Inside Connection Hose
1x Submergible Pump

2" Net Pots (optional)

For more details and examples please visit <https://www.aponix.eu>.

For orders please use your order form.

Thanks for promoting/using aponix vertical barrels!