

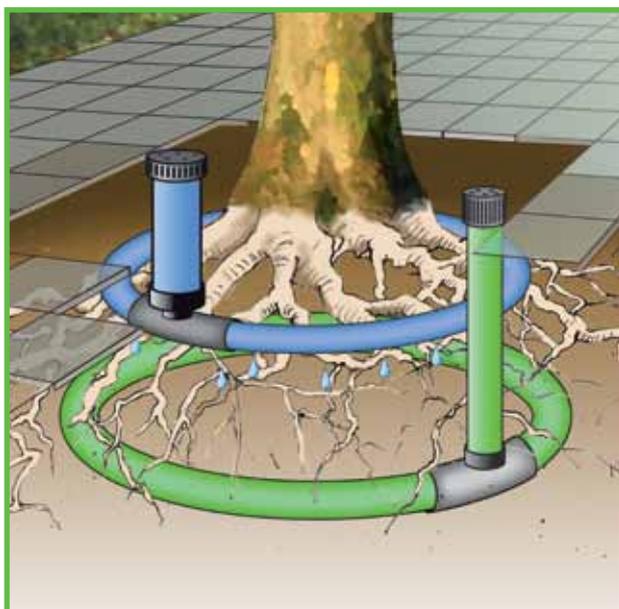
AirMax & AquaMax

Aeration System & Irrigation System

Many (young) trees, shrubs and hedges in urban environments suffer from drought or do not have enough oxygen. This is usually caused by a compacted soil structure and/or the fact that rainwater hardly penetrates the soil. The AirMax aeration system and the AquaMax irrigation system is a highly effective and easy to install system for the convenient irrigation of trees.

All AirMax and AquaMax hoses and tubes are standard provided with a polyester filtering cloth that allows an even infiltration of water (when used as irrigation) and a minimum of 45% diffusion (when used as aeration). The extra perforation makes it possible to use polyester filtering cloth with a very long life span, exceeding the lifespan of coconut fibre.

A great advantage of our tubes is the fact that they are made from recycled products and are in turn 100% recyclable. The hoses, T-pieces and end caps are made from polyethylene (PE) and polypropylene (PP) and not from the harmful PVC.



AirMax Aeration System
AquaMax Irrigation System

Properties

- Easy to install
- UV resistant
- Polyethylene (PE) hose with filtering cloth to protect against clogging up
- Extra perforation for better aeration (AirMax) and for better distribution of water (AquaMax)

Material

- Polyethylene (PE) hose with extra perforation, 100% recyclable
- Polypropylene (PP) snap connection and end caps, 100% recyclable
- Woven for coconut filtering cloth, 100% recyclable

Specifications

Specifications are available from our website or office.

Application:

AirMax aeration system should be installed deep in the planting hole to provide extra air to the roots. The vertical aeration hose should be +/- 50 cm to max. 1 m¹ in length.

AquaMax irrigation system should be installed higher to make sure that the water will infiltrate the soil around the trunk. The vertical irrigation hose should be +/- 30 cm to max. 50 cm in length.

Assembly advice

Tree Diameter	Tree height	Advice*:
8 - 16 cm	< 3 m	2,5 m ^{1**}
16 - 25 cm	3 - 5 m	3 m ^{1**}
25 - 45 cm	5 - 7 m	5 m ^{1**}
> 45 cm	> 7 m	8 m ^{1**}

* With a 50 cm vertical irrigation/aeration hose.

** Including 80 Ø PE flexible hose, PP T-piece, PP end cap

Order options



Irrigation/Aeration hose - 80 mm



Irrigation/Aeration hose 80 mm - incl. woven filtering cloth



Irrigation/Aeration hose 80 mm - incl. coconut filtering cloth



Irrigation hose - 160 mm



AirMax 45 aeration hose - 80 mm - incl. woven filtering cloth



End cap - 80 mm - screw



End cap - 80 mm - click



End cap - 160 mm - removable



T-piece - 80 x 80 x 80



T-piece - 80 x 80 x 160



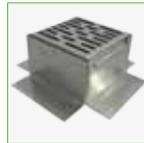
Bend Pipe - 80 x 80 mm



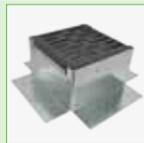
End cap - 100 x 100 mm - Steel



End cap - 100 x 100 mm - galvanized grid sherardized



End cap - 170 x 170 mm - Steel



End cap - 170 x 170 mm - galvanized grid sherardized



NatuDrain®

Natudrain® is a compostable drainage and aeration system produced from corn and the bio synthetic granulate Cradonyl®.



End cap - 80 mm - 100% bio degradable



Irrigation/Aeration hose - 80 mm - 100% bio degradable



Irrigation/Aeration hose - 80 mm - 100% bio degradable