

AirMax & AquaMax

Aeration & Irrigation

Material

- Polyethylene (PE)
- Polypropylene (PP)
- 100% recyclable
- Polyethylene hose with filtering cloth to protect against clogging up
- Extra perforation for better aeration (AirMax) and for better distribution of water (AquaMax)



Many (young) trees, shrubs and hedges in urban environments suffer from drought or lack of oxygen to the roots. 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 as 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).

Example of installation AirMax Aeration

Tree Diameter	Tree height	Tube length horizontal	Tube length vertical
8 - 16 cm	< 3 m	2 m ¹	1 m ¹
16 - 25 cm	3 - 5 m	2,5 m ¹	1 m ¹
25 - 45 cm	5 - 7 m	4,5 m ¹	1 m ¹
> 45 cm	> 7 m	7,5 m ¹	1 m ¹

Ø Tube horizontal: 80 mm

Ø Tube vertical: 80 mm

Example of installation AquaMax Irrigation

Tree Diameter	Tree height	Tube length horizontal	Tube length vertical
8 - 16 cm	< 3 m	2 m ¹	0,5 m ¹
16 - 25 cm	3 - 5 m	2,5 m ¹	0,5 m ¹
25 - 45 cm	5 - 7 m	4,5 m ¹	0,5 m ¹
> 45 cm	> 7 m	7,5 m ¹	0,5 m ¹

Ø Tube horizontal: 80 mm

Ø Tube vertical: 80 mm



Components



Flexible Irrigation / Aeration hose
PE Ø 80 mm Type: AMS80
PE Ø 100 mm Type: AMS100
PE Ø 160 mm Type: AMS160
50 m¹ per roll



Flexible Irrigation / Aeration hose including woven filtering cloth
PE Ø 80 mm Type: AMS80K
50 m¹ per roll
PE Ø 100 mm Type: AMS100K
50 m¹ per roll
PE Ø 160 mm Type: AMS160K
25 m¹ per roll



Flexible Irrigation / Aeration hose including coconut filtering cloth
PE Ø 80 mm Type: AMS80C
PE Ø 100 mm Type: AMS100C
50 m¹ per roll

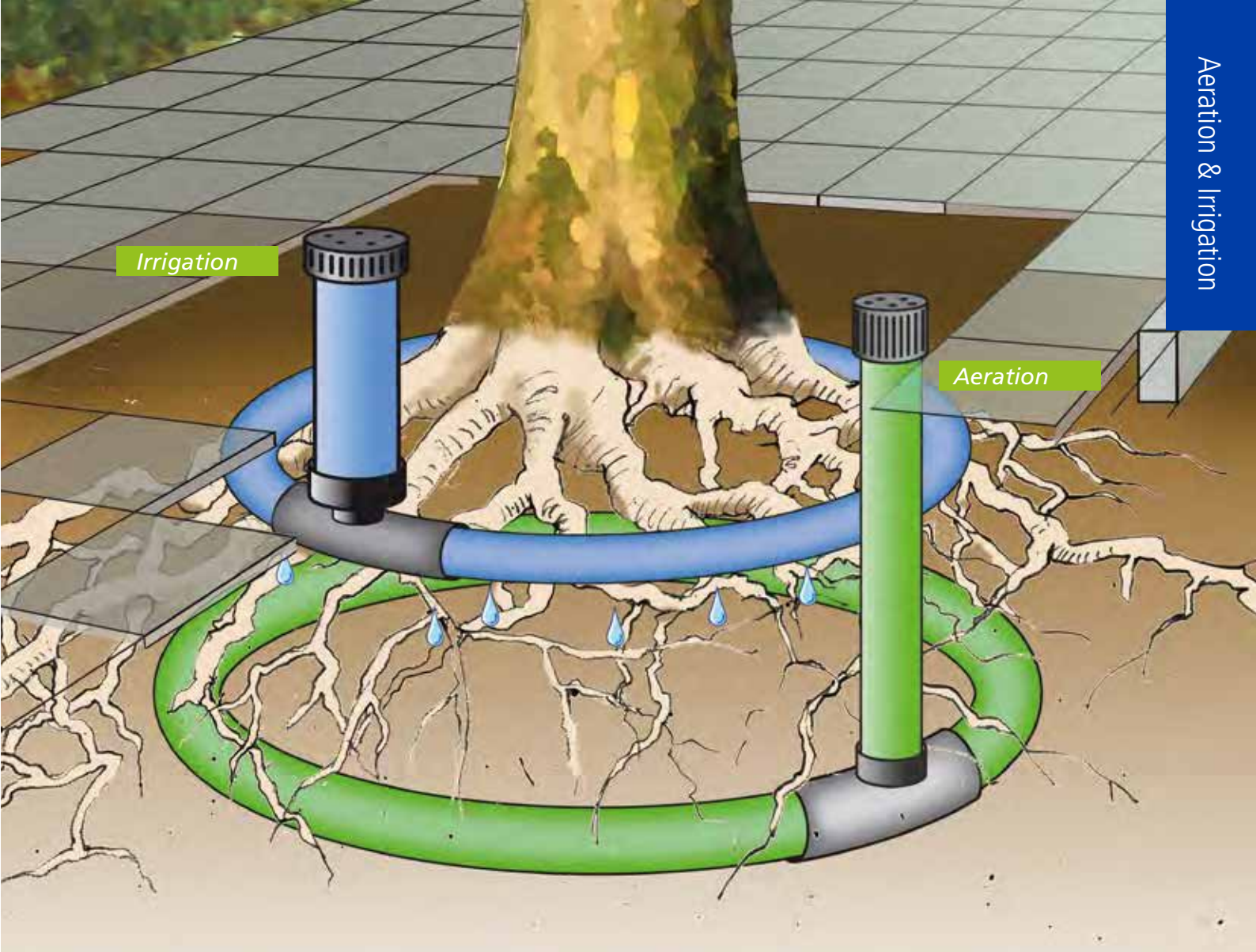


Flexible Irrigation / Aeration hose encased in polypropylene 450
PE Ø 80 mm Type: AMS80PP
PE Ø 100 mm Type: AMS100PP
50 m¹ per roll



AirMax 45 Aeration hose 45% perforated including woven filtering cloth
PE Ø 80mm Type: AMB80K
PE Ø 100 mm Type: AMB100K
Standard dimensions 1.05 m and 2.10 m
Other dimensions available on request

Read more on page 46



Components



Bend pipe 90 degrees
PP Ø 80 mm
Type: AM80 Bend pipe
PP Ø 100 mm
Type: AM100 Bend pipe



T-piece
PP Ø 80 x 160 x 80 mm
Type: AMT80 x 160 x 80
PP Ø 100 x 160 x 100 mm
Type: AMT100 x 160 x 100



T-piece
PP Ø 80 x 80 x 80 mm
Type: AMT80
PP Ø 100 x 100 x 100 mm
Type: AMT100
PP Ø 160 x 160 x 160 mm
Type: AMT160



Connector
PP Ø 80 mm
Type: AMK80
PP Ø 100 mm
Type: AMK100



Endcover components



Circular Endcover
Grid: plastics or steel
(stainless steel)
100 x 100 mm
Type: AME100KC (grid plastic)
Type: AME100K-RVS (grid
stainless steel)

Circularly produced from our
own recycling process



End cover with screw lid
PP Ø 80 mm
Type: AME80 Screw



Click-fit end cover
with 5 air holes
PP Ø 80 mm Type: AME80L
PP Ø 100 mm Type: AME100L
PP Ø 160 mm Type: AME160L



End cover hot-dip
galvanised steel
RAL 9005, powder coated
Ø 80 mm, steel thickness 1 mm
Type: AMROND80



End cap hot-dip
galvanised steel grid*
100 x 100 mm
Type: AMTHERM10 Small



End cap hot-dip
galvanised steel grid*
170 x 170 mm
Type: AMTHERM17 Large



End cap stainless steel grid*
100 x 100 mm
Type: AMRVS10 Small



End cap stainless steel grid*
170 x 170 mm
Type: AMRVS17 Large



End cap sherardized grid*
100 x 100 mm
Type: AMSTEEL10 Small



End cap sherardized grid*
170 x 170 mm
Type: AMSTEEL17 Large



End cap Corten steel grid*
100 x 100 mm
Type: AMCORTEN10 Small



End cap Corten steel grid*
170 x 170 mm
Type: AMCORTEN17 Large

Can all be supplied with a leaf grille

**All steel end covers: galvanized with different material grid*