

MEDIUM BUBBLE AERATION GRID

TECHNICAL SPECIFICATIONS

AquaPoint medium bubble aeration grids are designed specifically for each application to provide the required amount of oxygen for the biological treatment process and to continuously mix the aeration tank(s). The aeration grid diffuser pipes are arranged to create up-welling and down-welling zones ensuring migration of HDPE biofilm carriers throughout the water column.

MATERIALS OF CONSTRUCTION

AquaPoint medium bubble aeration grids are manufactured of AISI 304L stainless steel and/or schedule 80 PVC and CPVC. All support brackets, nuts and bolts are manufactured of AISI 304L stainless steel. Gaskets shall be high temperature EPDM.

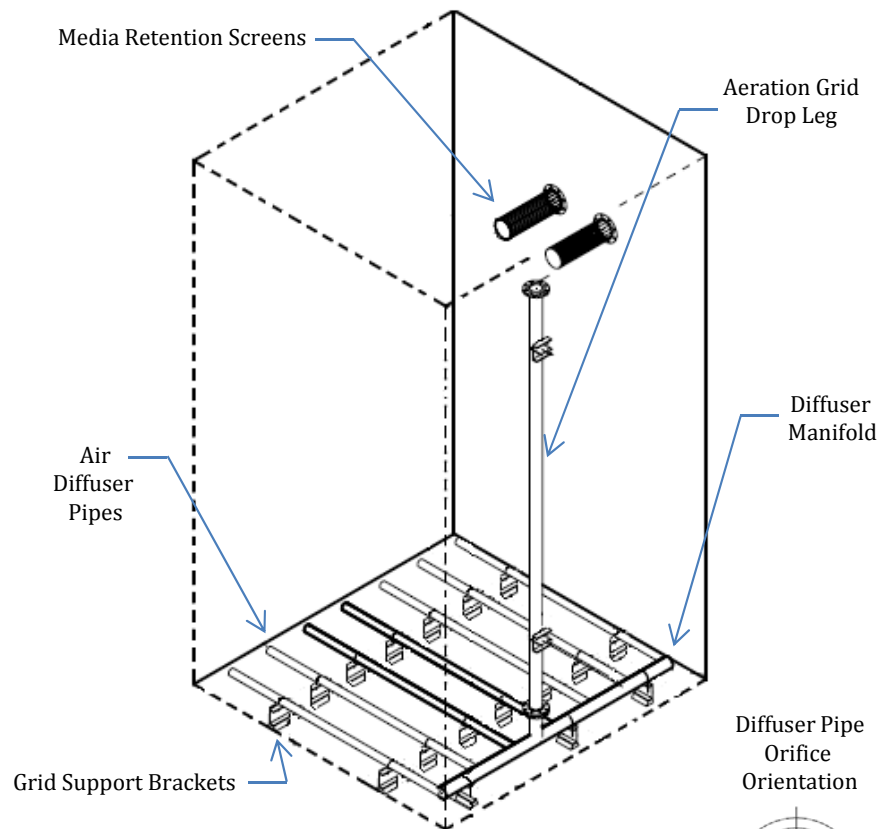
AERATION GRID CHARACTERISTICS

AquaPoint medium bubble aeration grids shall be designed and fabricated by AquaPoint to meet the following specifications:

- Uniform Full Floor Coverage
- Maximum Line Losses: Site Specific
- Design capacity: Site Specific
- Maximum Diffuser Orifice Size: 3/16" dia
- Minimum Diffuser Orifice Size: 5/64" dia
- Pressure Drop Ranges From 3"-15" of Water for Uniform Air Distribution.
- Hole Placement: 45 Degrees From Center
- Maximum Air Temperature: 300 Degrees F
- Minimum Distance From Tank Floor: 6"



Stainless Steel Aeration Grid Installation



Typical Aeration Grid Assembly

