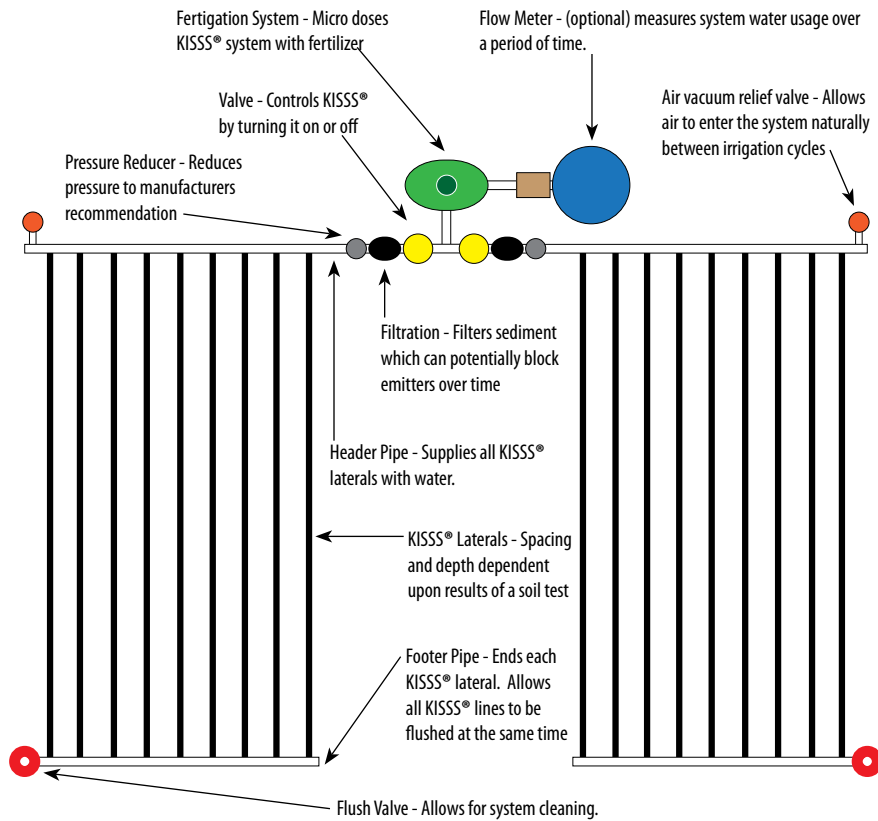


KISSS® Below Flow™ FLAT

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SPECIFICATION INFORMATION

KISSS® IRRIGATION TYPE:

Below Flow™ FLAT

PART NUMBER(S):

BFF-WHITE
 BFF-RED

APPLICATIONS:

- Green Roofs
- Sports Fields
- Color Beds
- Large Lawn Areas
- Agriculture

TECHNICAL SPECIFICATIONS

MINIMUM - MAXIMUM PRESSURE

6-30 PSI

WALL THICKNESS:

25 Mils

FLOW RATE(S):

BFF-WHITE: 0.537 Gallons / 100 feet / Minute
 BFF-Red: 0.358 Gallons / 100 feet / Minute

EMITTER FLOW / EMITTER SPACING:

BFF-WHITE: 0.423 GPH / 15.7 Inches
 BFF-RED: 0.423 GPH / 23.6 Inches

FILTRATION REQUIREMENT:

120 Mesh (125 Micron)

SPACING AND FLOW CALCULATION

FLOW RATE = Gallons / 100' / Minute
CALCULATION: (AREA / SPACING) x (Flow x .12)

MINIMUM FLUSH VELOCITY:

60 ft. / Minute in ALL LATERALS

INSIDE DIAMETER:

0.606 Inches

MAX RUN LENGTH:

BFF-WHITE: 210 Feet
 BFF-RED: 285 Feet

BENEFITS AND HIGHLIGHTS:

- Advanced "Capillary Irrigation" technology
- 70% more efficient than overhead systems
- 50% more efficient than drip systems
- 300% more effective than overhead systems
- Eliminates root intrusion without chemicals
- Wets 300% more soil volume
- Wide pressure ranges (6-25PSI)
- Economical - Allows for exceptionally long runs and wider spacing - lowering installation costs
- Most advanced irrigation technology ever developed in the world
- Reduced installation cost over traditional drip irrigation systems
- Eliminates anaerobic conditions in soil
- Eliminates bacterial and fungal conditions
- Plant material can establish up to 20% faster



TYPICAL USES:

KISSS® Below Flow™ FLAT is highly recommended turf applications including fairly level, non-sloping sites - and works most effectively on large expansive areas such as sports fields and large commercial landscapes.