

Irrigation Filtration System Selection Guide

ORGANIC MATTER

Concentration Debris Load mg/L	I-Series	G-Series	E-Series	Automatic Backwash Screen Filter (BSF)	HDF Disc Filter	Sand Media	Centrifugal Sand Separator	Self Cleaning Pump Suction Screen	TF-Series	Manual Backwash Screen Filter (BSF)	Basket Strainer
Light Less than 10 mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Use only as a secondary filter
Moderate 10-25 Mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Use only as a secondary filter
Medium 25-50 Mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (with Sand Separator)	Yes (with Sand Separator)	Use only as a secondary filter
Medium-Heavy 50-75 Mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (with Sand Separator)	Yes (with Sand Separator)	Use only as a secondary filter
Heavy 75-100 Mg/L	OK	OK	Yes	Yes (with Sand Separator)	Yes	Yes	Yes	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Very Heavy Greater than 100 Mg/L	Not Recommended	Not Recommended	OK	Not Recommended	OK	Yes (with Sand Separator)	Yes	Yes	Not Recommended	Not Recommended	Use only as a secondary filter

ORGANIC, INORGANIC AND MIXED ORGANIC MATTER

Concentration Debris Load mg/L	I-Series	G-Series	E-Series	Automatic Backwash Screen Filter (BSF)	HDF Disc Filter	Sand Media	Centrifugal Sand Separator	Self Cleaning Pump Suction Screen	TF-Series	Manual Backwash Screen Filter (BSF)	Basket Strainer
Light Less than 10 mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Moderate 10-25 Mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Medium 25-50 Mg/L	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Medium-Heavy 50-75 Mg/L	OK	OK	Yes	OK	Yes	Yes	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Heavy 75-100 Mg/L	OK	OK	OK	OK	Yes	Yes	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter
Very Heavy Greater than 100 Mg/L	Not Recommended	Not Recommended	OK	Not Recommended	OK	Yes (with Sand Separator)	Yes (Inorganic Separation only)	Yes	Not Recommended	Not Recommended	Use only as a secondary filter

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