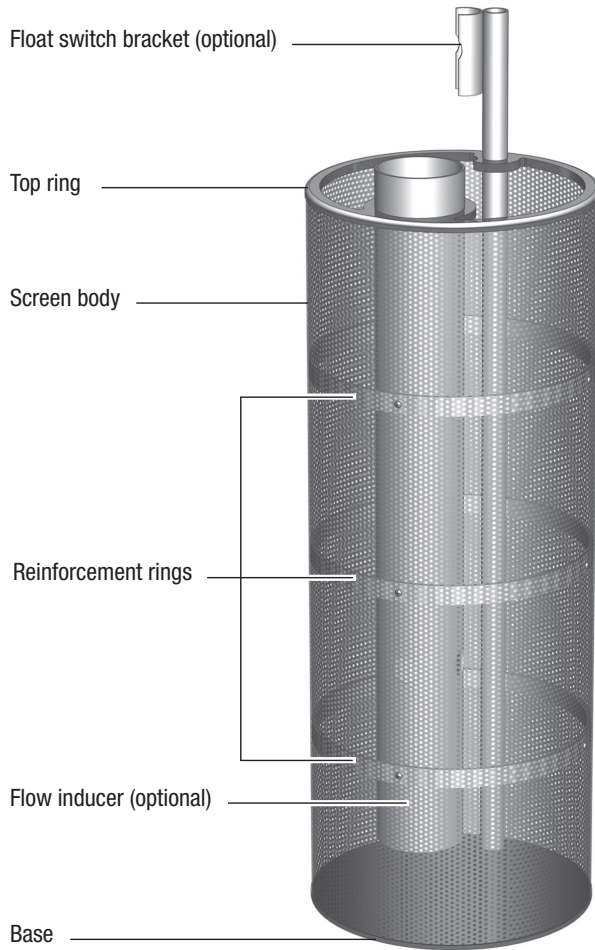


Effluent Screens

Applications

Orenco Effluent Screens are used in dosing tanks to minimize the amount of solids leaving the tank.



Orenco Effluent Screen

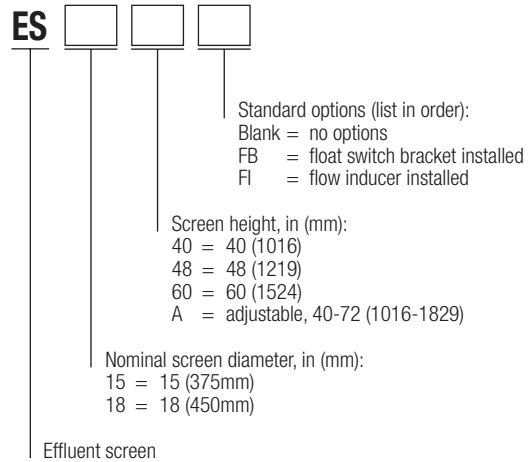
General

Effluent screens are composed of a top ring, screen body, reinforcement rings and a base. The screen mesh has a 1/8in (3.2mm) pattern and a nominal open area of 50%. Effluent screens are available with optional float switch brackets and flow inducers.

Standard Models

ES1540, ES1540FB, ES1548, ES1548FB, ES1548FI, ES1840, ES1840FB, ES1848, ES1848FB, ES18A.

Product Code Diagram



Not all product code configurations may be available as standard products.

Materials of Construction

| | |
|---------------------------------|---------------------------------|
| Float switch bracket (optional) | PVC |
| Top ring | Polyurethane |
| Screen body | UV-stabilized polyethylene mesh |
| Reinforcement rings | PVC |
| Flow inducer (optional) | PVC |
| Base | Fiberglass |

Specifications

| Model | ES1540 | ES1548 | ES1848 |
|--------------------------------|-----------|-----------|-----------|
| Nominal diameter, in (mm) | 15 (375) | 15 (375) | 18 (450) |
| Length, in (mm) | 40 (1016) | 48 (1219) | 48 (1219) |
| Mesh opening diameter, in (mm) | 1/8 (3.2) | 1/8 (3.2) | 1/8 (3.2) |
| Minimal open area | 50% | 50% | 50% |