



SCSR Highly Efficient Biofilm Reactor



Product Specs

19,814 gallons/day
8.3 × 2.7 × 3.0 m
Bio-carrier: PPC

Product Application

- ◆The cabinet is made of special structural steel (weather-proof corrugated plate, strength of weather-proof corrugated steel: $\geq 345\text{MPa}$);
- ◆All anti-corrosion paints of the cabinet are supplied by Hempel, the most professional container paint supplier in China;
- ◆The inside of the cabinet is painted with four coats of glass flake resin anti-corrosive paint, with the total thickness of dried paint film $\geq 200\mu\text{m}$;
- ◆The insulation layer adopts Grade A2 fireproof silica rock plate with a thickness $\geq 50\text{mm}$.
- ◆The water outflow is stable and subject to Grade I Standard A
- ◆The operation and maintenance cost is low, and the automatic frequency conversion control saves labor and energy consumption
- ◆Spherical assembly, biological filler, without balling and blockage, prone to biofilm culturing
- ◆Low noise, lower than 40dB in station area
- ◆Equipment parts supplied by domestic and international first-class brands



Contact Us

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Location: No. 2689, East Section of Huanghe Road,
Yuzhou City, Henan Province, China





SCSR Highly Efficient Biofilm Reactor



Product Specs

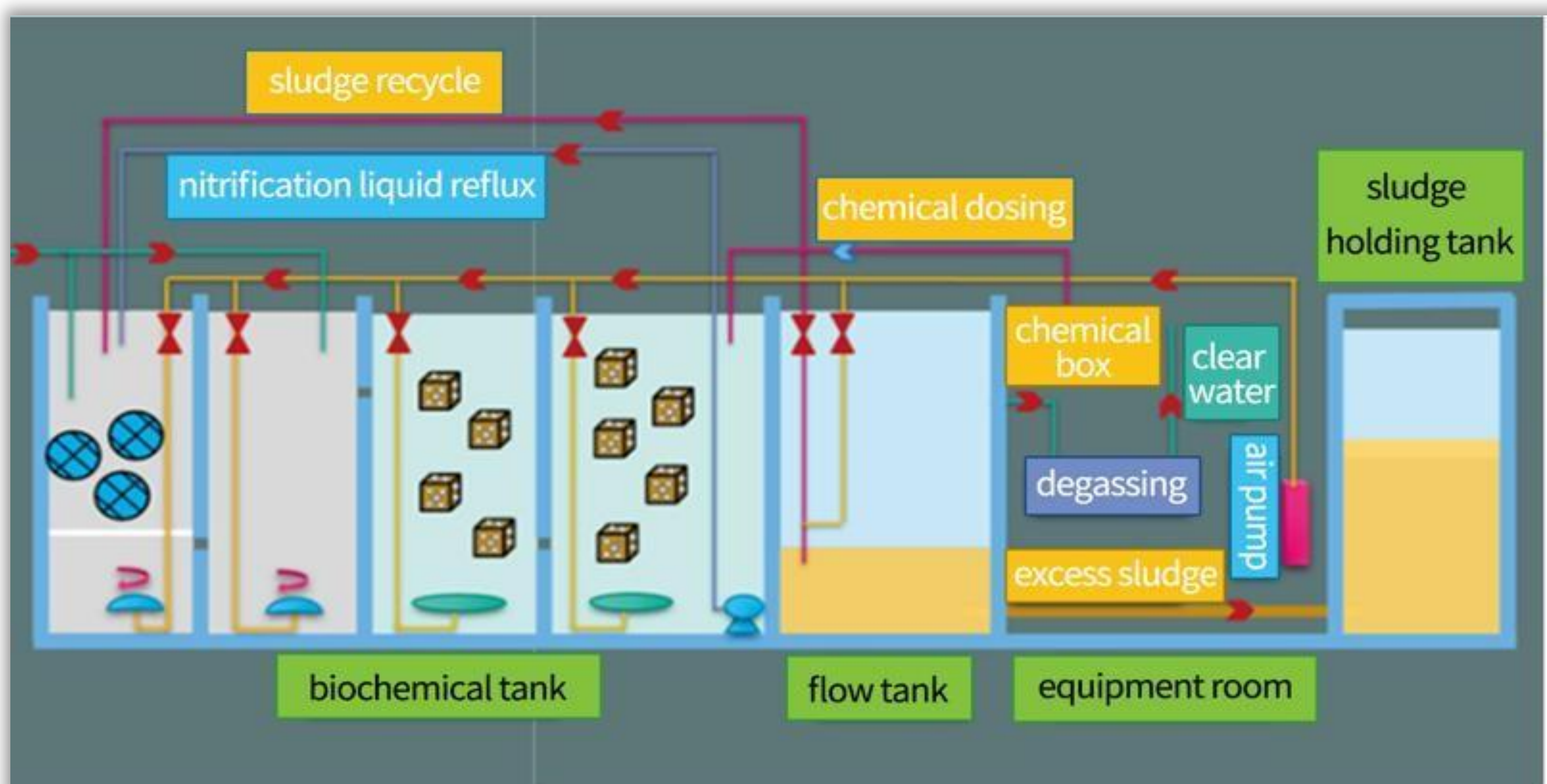
39,626
gallons/day
13.6 × 2.7 × 3.0 m
Bio-carrier: PPC

Product Application

SCSR-MBBR-MBR Treatment Process:

- **Pretreatment:** Coarse & fine screens remove large pollutants.
- **Equalization:** Flow/quality balanced in regulating tank.
- **Biological Treatment:**
 - Sequential treatment in anoxic, anaerobic, aerobic, and nitrification zones.
 - Sludge-water separation achieved.
- **Disinfection:** UV sterilization ensures compliant discharge.
- **Recycling:** Nitrification liquid and partial sludge recirculate; excess sludge is collected.

Compact, efficient, and automated for high-quality effluent.



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Product Specs

7,925 gallons/day
5.1 × 2.5 × 2.8 m
Bio-carrier: PPC

Product Application

Freeway Service Areas – Compact, low-maintenance solutions for roadside facilities.

Hospital Sewage – Safe pathogen removal with UV sterilization.

Pharmaceutical Waste – Advanced biofilm tech for complex chemicals.

Catering Wastewater – Effective grease and organic breakdown.

Poultry & Food Industry – High-load handling with minimal sludge.

One System. Multiple Applications. Guaranteed Compliance.

Contact us for tailored wastewater solutions!



Freeway service area



Hospital sewage



Pharmaceutical waste



Catering wastewater



Poultry wastewater



Food industry sewage



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