

OIL SEPARATOR SPECIFICATION SHEET

Proceptor Model Number: _____

The Separator must have:

Maximum Gravity Flow Rate: _____ US gpm
Total Liquid Capacity: _____ US gal
Grease Storage Capacity: _____ US gal
Solids Storage Capacity: _____ US gal

The OMC separator removes free oil and other floatable material(s), solids, and other settleable material(s) from processed wastewater. The effluent should have no degreasers, surfactants, or emulsifiers. The separator provides adequate treatment time to limit the effluent discharge levels of non-emulsified solvent extractable matter of mineral or synthetic origin to a maximum of 10 ppm and total suspended solids (TSS), to a maximum of 350 ppm.

The OMC separator minimizes turbulence, promotes centrifugal separation and settling, and prevents re-suspension and scouring of collected materials. Temporary backwater conditions will not cause trapped contaminants to be re-suspended or scoured from the separator. Each separator is comprised of two cells or chambers, providing integral baffling. Wastewater enters below the normal liquid level and tangential to the separator wall. The manufacturer provides each separator with inlet/outlet cleanout, sample, and ventilation ports together with an extension collar, and frame and cover to allow access for oil and solids removal.

The OMC separator is constructed using an isophthalic polyester resin specifically designed for the manufacture of reinforced fiberglass products. The resulting material is inert, non-corrosive and impervious to retained waste. Included with each separator is a 30-year warranty against leakage, corrosion and structural failure.

Each separator is suitable for above ground or underground installation and should be installed per the manufacturer's recommendations. A reinforced concrete relieving slab, provided and installed at grade by other vendors, enables the separator to be installed beneath traffic loading areas.

Indicate required options and submit with project specifications		
Inlet and Outlet Pipe Diameter (inches)	_____ inches	
Distance from Inlet Invert to Finished Grade (inches)	_____ inches	
Cast Iron Cover for H2O Traffic Loading	Yes	No
Fiberglass Cover for Pedestrian Areas	Yes	No
Above Ground Installation	Yes	No
Suction Pipe for Maintenance in Indoor Installations	Yes	No
Oil Level Monitoring and Alarm System	Yes	No
Coalescer for oil removal	Yes	No
Internal Reservoir for oil storage	Yes	No
Oil Draw off pipe to connect to external oil holding tank (supplied by other vendors)	Yes	No
Automatic Shut-Off Valve System	Yes	No
Automatic Pump-out System	Yes	No
Double Wall	Yes	No
Ladder (for underground installations only)	Yes	No