

RGF[®]

CCC

ENVIRONMENTAL GROUP

RGF's Centrifugal Coalescing Clarifier System for Separation of Solids and Oils from Water



RGF is the recognized waste water recycling leader with thousands of systems installed worldwide.

Best warranty in the industry

RGF Customer Service is second to none which was proven by winning the 1994 INC. Magazine Positive Performer Award for Outstanding Customer Service

Non ferrous means no rust or corrosion.

Fully automatic, easy to use.

Unique hydrocarbon accumulator captures and stores the oil for easy disposal.

Low maintenance.

Removes solids and oils.

Easily adaptable for chemical additions (floccing) and pH control.

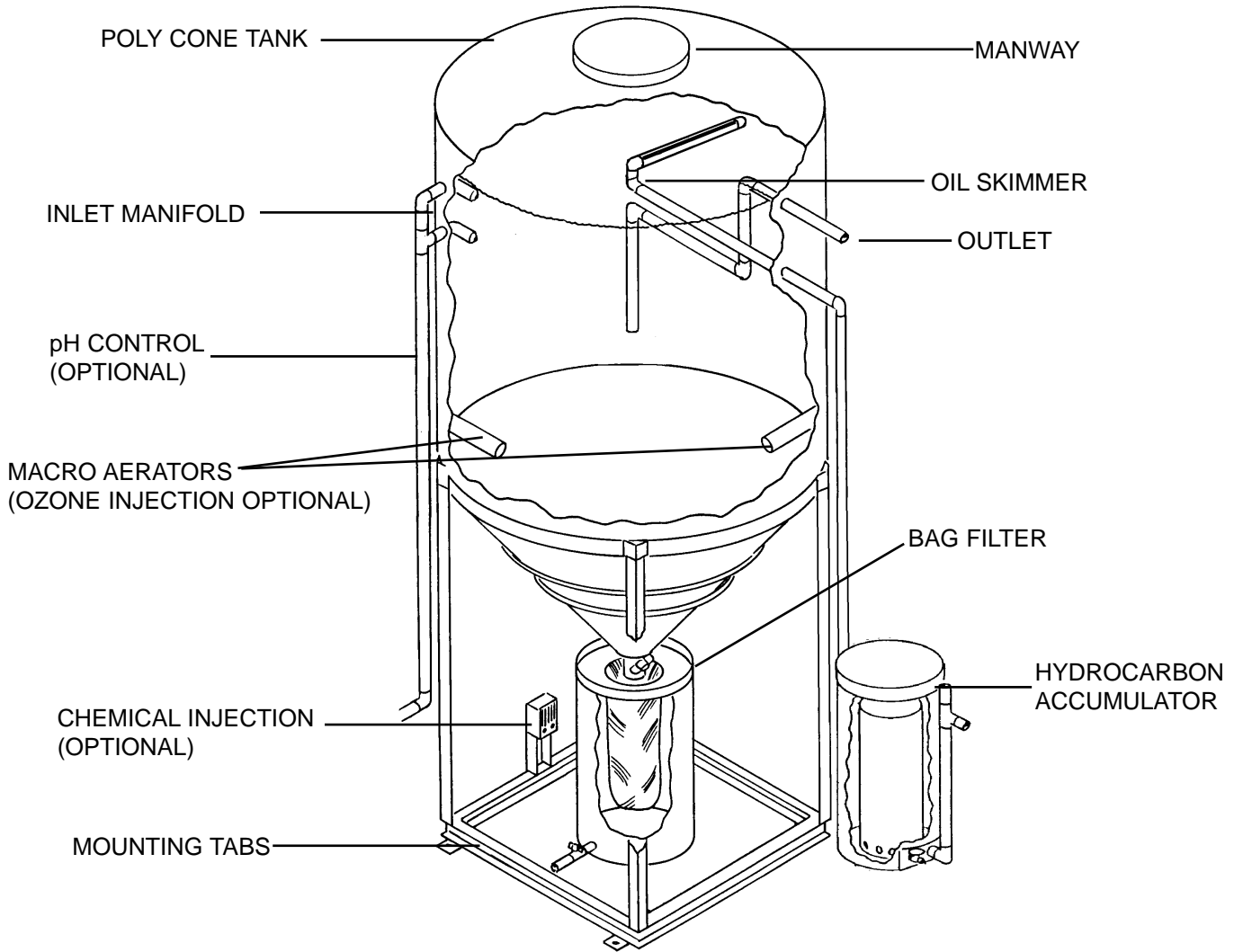
Excellent pre-treatment for demanding waste streams prior to treatment by recycle systems.

Optional ozone aeration to eliminate algae and bacteria growth.

OPERATION

The water enters the cone tank injected along the circumference to initiate the centrifugal separation of the heavier particles. Optional ozone or chemical treatments can be introduced into the waste stream at this point to enhance oil flotation and solids separation. Precipitated particles settle to the bottom of the cone tank where they are drained into the gravity bag filter and collected for easy removal. Oil and light hydrocarbons coalesce and rise to the top of the tank where they are skimmed and stored in the hydro-carbon accumulator. The clarified water exits from the center of the tank through the outlet pipe for discharge or further treatment.

Model CCC



Unique Features of the Centrifugal Coalescing Clarifier

Combines the following technologies in one convenient package:

- Centrifugal separation
- Clarifier
- Oil skimmer
- Hydrocarbon accumulation
- Solids filtration and collection
- All wetted parts non-ferrous
- Sludge removal and drying
- pH control - optional
- Ozonation - optional
- Flash floc mixing - optional

OPTIONS

Turbohydrozone • Ozone injection • HCA-3 Filter • Transfer pump • Auto pH control
Chemical injection pump • Sludge drying and solidification • Flocculants

SPECIFICATIONS

Model	CCC 400	CCC 600
Flow Rate	1 - 25 gpm	1- 40 gpm
Dimensions	48" w x 48" w x 124" h	48" w x 48" w x 145" h
Weight	521 lbs.	593 lbs.
Materials	A36 carbon Steel, Polyethylene, PVC	
Capacity	400 gallons	600 gallons
Inlet/outlet connections	1-1/2" fpt	2" fpt inlet 3" fpt outlet
Solids drain connection	2" fpt	2" fpt
Bag filter	100 microns	100 microns
Chemical injection (optional)	Peristaltic 15 gpd	Peristaltic 15 gpd
Turbohydrozone (optional)	7 g/hr @ 1cfm	7 g/hr @ 1cfm

RGF Environmental Group, Inc.

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