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COMPACT COAG

ADVANCED CHEMICAL TREATMENT



REMOVE SUSPENDED SOLIDS, EMULSIFIED OILS, AND PRECIPITATED METALS

The Compact CoAg employs advanced chemical coagulation and flocculation water treatment technology to enhance and speed up the process of removing suspended solids, dissolved metals, and most types of emulsified oils. This product utilizes a patented process for applying and mixing proprietary blends of chemical coagulant and flocculant to effectively de-emulsify oils and to agglomerate suspended solids and metals. Four mixing stages allow for the added chemicals to completely react with contaminants in the water so that they are ready to settle out downstream.

The Compact CoAg Module is typically combined with a separator/final blending tank that has unique internal piping, along with an auto-purge system that results in very little standing water within the system at the end of the day.



METALS, SUSPENDED SOLIDS, & EMULSIFIED OIL

HEAVY SOLIDS REMOVAL AND CHEMICAL TREATMENT

Four mixing chambers and chemical injection ports

Skid mounted steel chassis

Integrated electrical control center with automatic shut-down system that monitors liquid levels in the two chemical solution tanks

Peristaltic injection pumps

Footprint: 33" x 19" x 70.5"



TYPICAL APPLICATIONS FOR THE COMPACT COAG MODULE:

- Treatment and discharge system: typically combined with a clarifier/settling tank and IPF2-20D automatic indexing, polishing filter
- Recycle system, typically combined with a clarifier tank, IPF2-20D filter, REC-ZCF3-30A multi-pump system, and a processed water storage tank
- Pretreatment, or post-treatment retrofit or upgrade to an existing water treatment system, typically installed upstream from a cone-bottom clarifier tank, or downstream from an oil/water separator

CUSTOMIZE AND ACCESSORIZE

- Accessories enhance the effectiveness of Water Maze Treatment Systems. Water Maze offers a broad selection of add-ons, accessories, parts, and consumables that support the performance of your water treatment systems.

DETERGENTS, MEDIA AND CONSUMABLES

- Water Maze offers a variety of additives, defoamers and detergents that are compatible with your pressure washer equipment and enhance the effectiveness of pressure washer and water treatment systems. We have a line of quick-release detergents available in 5 and 55 gallons. Filter media such as sand, gravel, and clay, which help provide separation of contaminants in water filtration equipment. We also offer bio-pucks and biostax products for our bioremediation systems, that are designed to alleviate odor in collection pits.

TECHNICAL DATA

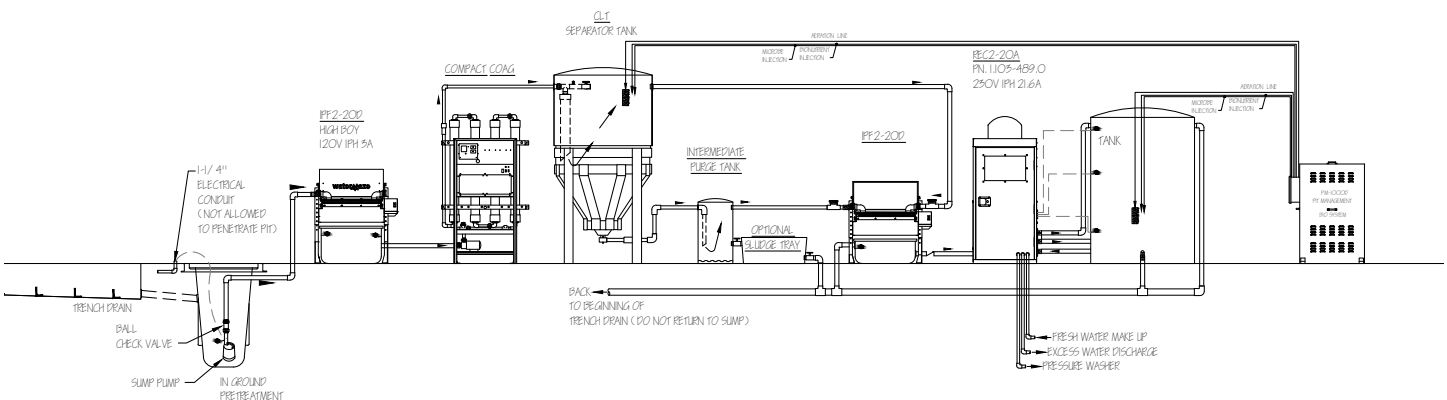
MODEL	PART NO.	DESCRIPTION	COAGULATION	FLOCCULATION	FLOW GPM	VOLTAGE	PHASE	AMPS	EST. SHIP WEIGHT (LBS.)
Compact CoAg	1.103-510.0	Compact CoAg Module	Chemical	Chemical	1 – 20	120	1	14	200

Dimensions (approximate):
 Compact CoAg Physical: 33" x 19" x 70.5" Shipping: 45" x 35" x 70..5" Estimated product tare weight: –

OPTIONAL ACCESSORIES

PART NO.	DESCRIPTION
8.921-729.0	pH (only) Controller with one peristaltic pump electrically interfaced with the infeed pump / sump pump circuit ‡
8.921-730.0	AMC-1000D, Auto-Purge System ‡ Includes: mounting of control center on the chassis of the Compact CoAg and the air actuated auto-purge valve supplied as a loose item (compressed air required 4CFM @ 85 PSI)
Special	MetalR+ Chemical Injection Package ‡

‡ Factory Install Only Refer to catalog for list of Chemical CoAg Treatment Kits and Consumables



Installation of Compact CoAg at a solid waste truck wash