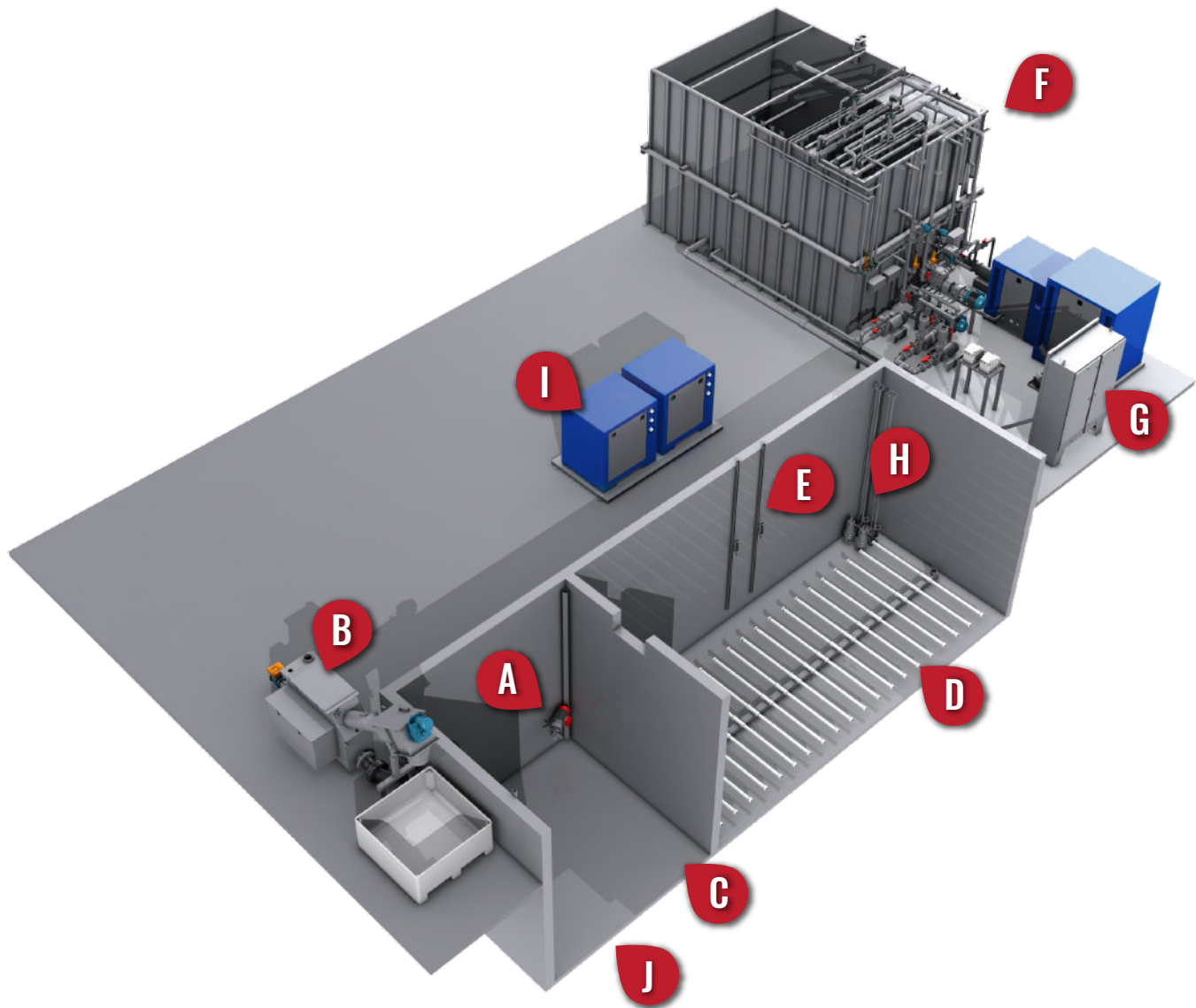# MEMPAC™ - H (HYBRID)

A: Anoxic mixer is mounted on the Cloacina Slide Rail System

B: Optional headworks and screening equipment

C: Client-supplied tankage (Concrete, cast-in-place installation shown)

D: Aeration diffusers and manifold

E: All sensory equipment is mounted on the Cloacina Slide Rail System

F: Factory-assembled membrane and equipment skid

G: Electrical panel and controls system are factory-installed and tested prior to shipping

H: Return Activated Sludge (RAS) pump is mounted on the Cloacina Slide Rail System

I: Sound attenuated blower(s)

J: Biological Nutrient Removal (BNR)

Prior to delivery, clients will be given exact connection points for power, communication, influent, effluent and WAS.

MEMBRANE BIOREACTOR EQUIPMENT FOR CLIENT-SUPPLIED TANKAGE

PRODUCT DESCRIPTION

The MEMPAC™-H is a hybrid equipment supply package designed for both municipal and industrial clients that need wastewater treatment equipment, but either already have or intend to supply their own tankage and piping. The MEMPAC-H is designed to accommodate extremely large projects and foreign clients that wish to minimize overseas shipping costs. This MEMPAC model uses Ultra Filtration (UF) membrane clarification and can either be a stand-alone unit or a complete Membrane Bioreactor (MBR) treatment system. These systems have expedited fabrication and delivery times and reduced on-site installation costs.

TYPICAL INFLUENT PARAMETERS

CONSTITUENT	VALUE	UNITS
Flow	0 - 5,000,000	GPD
TSS	0 - 1,000	mg/L
BOD5	0 - 10,000	mg/L
TKN	0 - 250	mg/L

TYPICAL EFFLUENT PARAMETERS

CONSTITUENT	VALUE	UNITS
pH	6.0 - 8.5	
BOD5	<10	mg/L
TSS	<10	mg/L
TN	<10	mg/L

COMPATIBLE TANKAGE

MEMPAC-H equipment can be installed in cast-in-place concrete, fiberglass and bolted and welded steel tankage

TYPICAL APPLICATIONS

Municipal waste from mobile home parks, resorts, schools, campgrounds, commercial developments, truck stops, rest areas, detention centers, housing developments and municipalities