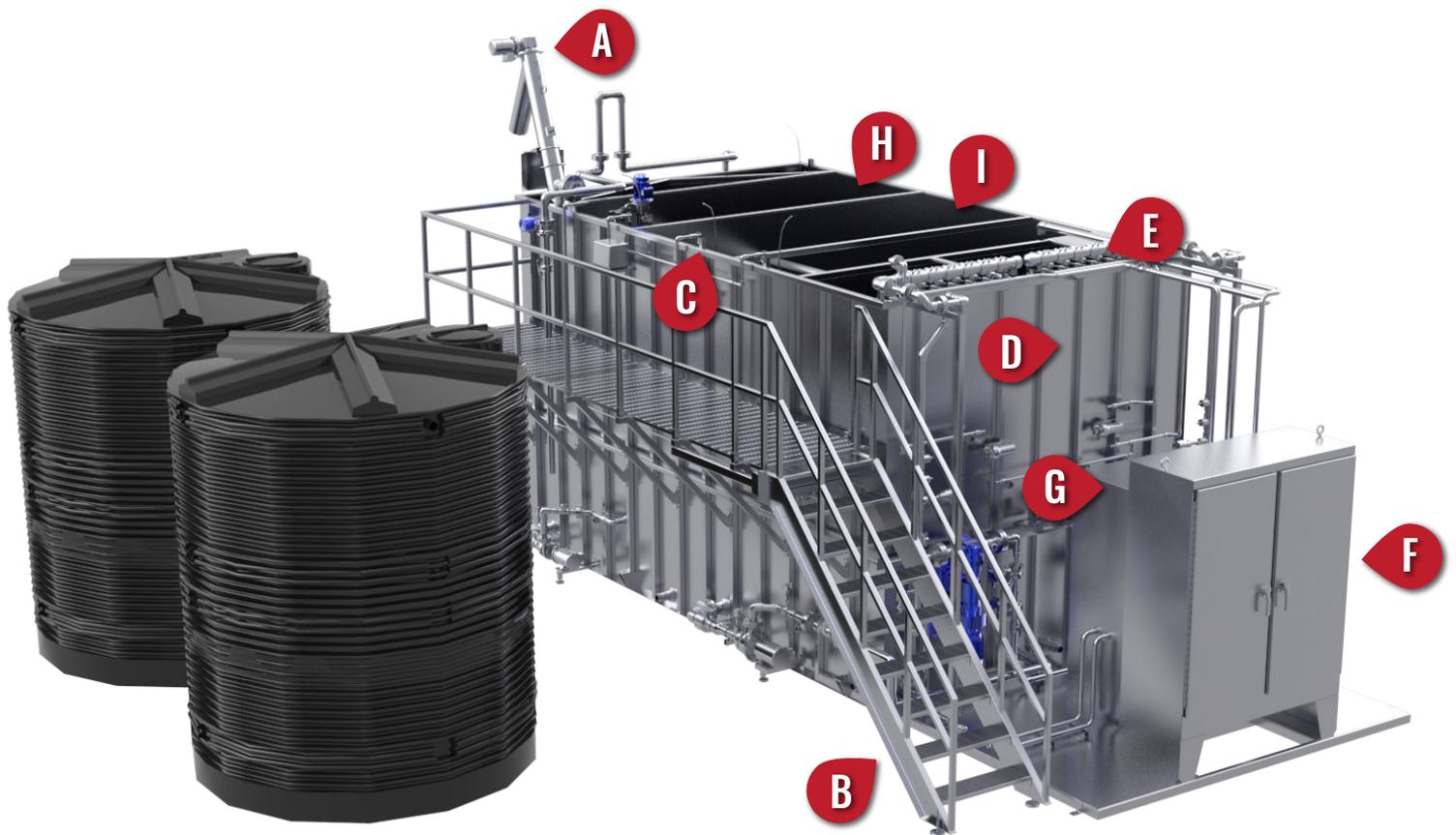


MEMPAC™ - X (EXTERNAL TANKS)



- A:** Integrated screening
- B:** Aluminum stairs and platform (Optional full catwalk and stairs shown)
- C:** All sensory equipment is mounted on the Cloacina Slide Rail System and is accessible from the inspection platform
- D:** Corrosion-resistant 304 stainless steel tankage and components come standard
- E:** Membrane filtration equipment is factory-installed and wet tested prior to shipping
- F:** Electrical panel and controls system are factory-installed and tested prior to shipping
- G:** Optional semi-sound attenuated blowers
- H:** Integrated aerated sludge storage chamber
- I:** Biological Nutrient Removal (BNR)

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

DESIGNED FOR FLEXIBILITY AND EXPANDABILITY

PRODUCT DESCRIPTION



Cloacina's MEMPAC-X is a cost-effective treatment solution designed for low flow domestic applications with stringent discharge requirements. The base unit can treat up to 20,000 gallons per day and is designed to be easily expanded to treat up to 45,000 gallons per day with the incorporation of additional Cloacina or Client-supplied external tanks. This system can reclaim 100% of the treated effluent for irrigation and sanitation purposes and has expedited construction and delivery timelines.



TYPICAL INFLUENT PARAMETERS			
CONSTITUENT	VALUE	UNITS	NOTES
Flow	2,000-45,000	GPD	Depending on organic loading
TSS	350	mg/L	
BOD5	360	mg/L	
Temperature	41 - 68	F	Average
TN	40	mg/L	

TYPICAL EFFLUENT PARAMETERS*			
CONSTITUENT	VALUE	UNITS	NOTES
BOD5	<10	mg/L	
TSS	<10	mg/L	
TN	<10	mg/L	

*Lower effluent limits are possible with additional engineering

TYPICAL APPLICATIONS
Remote domestic waste from mobile home parks, resorts, schools, campgrounds, commercial developments, truck stops and rest areas