

# 20 QUESTIONS: WHAT YOU NEED TO ASK BEFORE BUYING A WINERY WASTEWATER PLANT



## QUESTION?

## OTHER MANUFACTURER

Is your plant specifically designed to treat high-strength winery waste?

**Cloacina offers a full line of wastewater treatment plants designed specifically for wineries and process waste.**

Do you have data proving that your system treats winery waste?

**Upon request, Cloacina can provide empirical data/case studies showing proven treatment and disposal of winery waste.**

What is the total square footage needed for your entire treatment process and associated equipment?

**STAGE I: Less than 50 square feet  
INDUSTRIAL BATCH REACTOR (IBR): Less than 200 square feet  
MEMPAC MEMBRANE BIO REACTORS:  
0 - 5,000 GPD: Less than 400 square feet  
5,000 - 25,000 GPD: Less than 1,500 square feet  
25,000 - 50,000 GPD: Less than 5,000 square feet**

What types of materials are used in the construction of your package plant?

**TANKS AND EQUIPMENT SKID: 304 stainless steel  
PROCESS PIPING: Schedule 80 PVC or 304 stainless steel  
PROCESS EQUIPMENT: Only equipment with a proven track record in the wastewater industry is selected.**

When will the client receive their wastewater plant?

**Upon receipt of an executed contract/PO, Cloacina can typically ship within 90 - 140 days, depending on the particular model purchased. Expedited construction schedules are available.**

Does the unit arrive fully assembled or will your plant require on-site assembly by a mechanical contractor?

**Units ship as complete treatment plants not individual pieces of equipment. All units are fully-assembled the factory except for components removed due to shipping constraints.**

Are all systems and equipment tested at the factory?

**All equipment is factory-installed and wet tested for a minimum of 24 hours.**


How long does your plant take to install?

**Typical above-grade installations of Cloacina-provided equipment are performed in 1-30 days.**

What additional equipment must the client provide?

**Cloacina typically provides all vessels and equipment necessary for wastewater treatment. For cost savings the client may provide liquid storage vessels for equalization.**

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Can the system be expanded at a later date?	<b>All Cloacina package plants are modular and built with expansion in mind. Wineries are prone to growth and additional tanks can be easily incorporated.</b>	
What is the expected useful life of your plant?	<b>If a client follows the manufacturer-specified maintenance schedule, most Cloacina-supplied tanks and pipework will have a useful life of 20+ years.</b>	
What kind of warranty is offered?	<b>Cloacina offers a 5-year limited tank warranty. All other Cloacina-supplied equipment comes standard with a one-year warranty. Extended warranties are available.</b>	
Are protective coatings required?	<b>Cloacina plants are fabricated from stainless steel and do not require protective coatings.</b>	
Does the system require chemical addition to ensure proper treatment?	<b>Winery waste does not require the addition of nutrients for the system to perform properly. The adjustment of pH prior to treatment is standard for winery waste.</b>	
How will the client be supported after the system is installed?	<b>Cloacina's Technical Support staff can remotely monitor and make changes to all treatment plants, 24/7.</b>	
Does it cost more to remotely access and monitor your system?	<b>A cutting-edge controls system comes standard on all cloacina plants.</b>	
Does your facility collect and store data for reporting purposes?	<b>All equipment and parameters are monitored and recorded daily by the controls system.</b>	
Does the system notify the client when maintenance needs to be preformed?	<b>Cloacina's controls system notifies winery staff when maintenance is due via email and on-screen notifications.</b>	
Will I be notified when alarm or emergency conditions exist?	<b>The SCADA system will automatically notify staff of any high/low level, pump, blower or parameter alarm conditions.</b>	
What energy-saving features does your plant include?	<b>The controls allows for a variety of operational modes that can be customized to reduce equipment run times in times of lower production. This results in dramatically reduced energy consumption.</b>	