

Ozone Skids

Skids designed for pre or post Ozonation

These ozonation skids are pre-designed units for use in conjunction with other wastewater treatment systems, either as a pre-conditioning system or a post treatment for removing organics to prevent odor.

The skid consists of sized and integrated components to deliver a given amount of O₃ to a tank for treatment of the wastewater, mounted on a stainless steel skid, which can be set in place and connected to the treatment system. Depending on the application, the unit may be connected prior to the waste treatment to enhance or facilitate the wastewater treatment; or it may be put in line after the treatment to finish (polish) the treated water for reuse.



A = Compressor, oxygen concentrator

B = Corona discharge ozone generator

C = Raw Water in Pre-Treatment or Treated Water in Post-Treatment

D = Reactor vessel

E = Continuous off-gas valve

F = Catalytic ozone gas destruct filter

G = Output

Specifications

Model	Tank Size	Recirculating Pump	Ozonator	Feed Pump
OZS 500	500	6 cfm @ 20' head	4 grams/hour	30 gpm @ 25' head
OZS 1000	1,000	6 cfm @ 20' head	4 grams/hour	30 gpm @ 25' head
OZS 1500	1,500	6 cfm @ 20' head	4 grams/hour	30 gpm @ 25' head
OZS 2500	2,500	6 cfm @ 20' head	8 grams/hour	30 gpm @ 25' head
OZS 5000	5,000	6 cfm @ 20' head	8 grams/hour	30 gpm @ 25' head

Sizing is approximate for average application and may vary due to concentration of materials being ozonated.

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