



VenturiVac™ MaxSac Hopper

Reduce costs with an easy-to-use sack hopper mixing system.

Park Process manufactures venturi hoppers for the easy addition of dry materials into a liquid stream. Pumping liquid through the eductor nozzle and on through the venturi section creates a low-pressure zone between these two components. Material is introduced through a hopper by gravity into this low-pressure zone where the motive fluid entrains and carries it to the desired discharge point. The Park Process VenturiVac™ MaxSac Hopper system is designed to move gravel, sand, anthracite, resin, salt, lime, and other flocculable solids.

Applications Include:

- Mixing Batches of Chemical Solutions
- Installing and Removing Filter Beds
- Transferring Solids using Liquid
- Making of Polymer Solutions
- Making of Drilling Mud
- Mixing of Slurry Walls

Features:

- 48x48" square top opening transitions to a 20x20" square middle section to a 34" deep bottom pyramid section with rounded corners to promote enhanced media movement.
- Hinged hatch in one wall of the center section provides easy access to the super sack's drawstring.
- Hopper is connected to the eductor's suction port and isolated by a stainless steel ball valve.
- Includes a carbon steel 60x60" W x 6"H skid with fork pockets.
- Includes a support for the eductor body and square tubing legs for the sack hopper.
- Four rubber hoses with ball valves run from the MNPT inlet connection to each side of the sack hopper, terminating on the inside in 90° elbows with 3/8" nozzles pointing downward. Some of the feed water to the VenturiVac can be diverted through these hoses to the MaxSac hopper to facilitate media moving from the super sack to the VenturiVac suction port.
- Includes a gum rubber skirt on the top of the hopper with an 18" hole that creates a seal when the super sack is placed on top of the hopper.
- Hopper, skid, eductor body, and inlet/outlet nipples are hot dip galvanized.

Available Models:



VenturiVac™



Available Materials & Sizes

Park Process VenturiVac™ eductors are available in a variety of materials of construction. The eductor is comprised of a main body with a nozzle and diffuser insert. The eductor body is made of carbon steel, stainless steel, PVC or other customer specified material. The nozzle and diffuser inserts are typically made of a chemical and abrasion resistant material such as ultra-high molecular weight polyethylene (UHMW) or Teflon.

VenturiVac™ MaxSac Eductor Sizes									
Pipe (in.)	Nozzle Sizes (in.)			Motive Flow Rate (GPM) @ 40 PSI			Motive Flow Rate (GPM) @ 80 PSI		
	S	M	L	S	M	L	S	M	L
3.0	0.75	0.9375	1.125	106.0	172.0	238.0	149.0	242.0	336.0
4.0	1.0	1.25	1.5	188.0	294.0	423.0	266.0	415.0	598.0
6.0	1.5	1.875	2.25	423.0	687.0	951.0	598.0	971.0	1345.0

