

VESTA POMP

Heart of the process

NEW VESTA AODD FLAP VALVE PUMP

WE MOVE SOLIDS

Vesta's Air-Operated Double Diaphragm (AODD) FLAP VALVE pumps offer superior handling of solids like sand, stones, trash, nuts, bolts, etc. up to 70mm in diameter. With the conventional ball valve design AODD Pump and the new FLAP VALVE design sharing the same "Heart" (Centre block, Inner & Outer Diaphragm housings & Diaphragms) make converting the conventional ball valve design to the new FLAP VALVE design very simple and cost-effective.

SOLIDS REMOVAL INCLUDES:

- Leaves
- Stones
- Trash
- Nuts & Bolts
- Sand
- Plastic
- Sludge

MAX SOLIDS HANDLING

- VP15 25mm
- VP20 40mm
- VP3070mm

BOTTOM DISCHARGE

- Eliminates damage
- Increase reliability & performance
- No internal solids build up



Technical Specifications

Model	VP 15	VP 20	VP 30
Max. Flow (Lt/min)	400	560	890
Inlet (inch)	1 1/2	2	3
Outlet (inch)	1 1/2	2	3
Max. Operating Pressure (Bar)	7	7	7
Max Discharge Head (m)	70	70	70
Max Suction Head (m)	6	6	6
Temperature Metal Pumps (°C)	-18~ +100	-18~ +100	-18~ +100
Air Inlet (inch)	3/4"	3/4"	3/4"
Solids Handling (mm)	25	40	70

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NEW VESTA ELECTRIC DRIVEN DOUBLE DIAPHRAGM FLAP VALVE PUMP

Like the Air-Operated Double Diaphragm (AODD) FLAP VALVE pumps, Vesta's ELECTRO-MECHANICAL driven FLAP VALVE double diaphragm pumps not only offer all the advantages of air driven double diaphragm pumps without the need of a compressor but also the same solids handling capability. With both Air Operated and ELECTRO-MECHANICAL variations employing the suction on top and the discharge at the bottom of the pump, internal solids build-up is prevented while effective, consistent and reliable performance is assured.



Industries

- Medical
- Food Processing
- Pulp & Paper
- Paint And Coatings
- Chemical Industry
- Mining
- Ceramic
- Refineries

Technical Specifications

Model	VP 15 E	VP 20 E	VP 30 E
Max. Operating Pressure (Bar)	4	4	4
Voltage (V)	380 Volt 50Hz	380 Volt 50Hz	380 Volt 50Hz
Energy Consumption (kW)	4,0	5,5	7,5
Displacement/Stroke (Lt/Stroke)	1,47	2,24	3,65
Max Discharge Head (m)	40	40	40
Max Suction Head (m)	5	5	5
Solids Handling (mm)	25	40	70
Max Capacity (m ³ /h)	13,8	21,0	34,2
RPM	78	78	78
Max Liquid Temperature (°C)	100	100	100
Noise Level (dB)	71 - 78	71 - 78	71 - 78
Inlet (inch)	1 1/2	2	3
Outlet (inch)	1 1/2	2	3