

### Highlights

- Flow rates up to 2000 + GPM
- Oil, Gas, Solids & Water Separator
- Pressurized Vertical Cylindrical Design
- Tangential Flow Enhancement Separation
- Integral Oil Spill & Bottom Sludge Storage

### Standard Features

- A36 carbon steel with epoxy coating
- ASME Certification
- Non-Clog Tangential Inlet Flow Nozzle
- Large Oil Storage and Spill Capacity
- 1.25" Tilted Plate Media Spacing
- Removable Frame Mounted Media
- Large capacity Sludge collection cone
- Large capacity Oil reservoir

### Options

- Stainless Steel Construction
- Corrosion Allowance (0.125" or 0.250")
- Radiograph Weld Inspection (partial or complete)
- Insulation Clips (field applied insulation)
- Platforms, Ladders, Supporting Structure
- Various Coalescing Media Materials
- Various Coalescing Media Spacings
- High Temperature and High Pressure

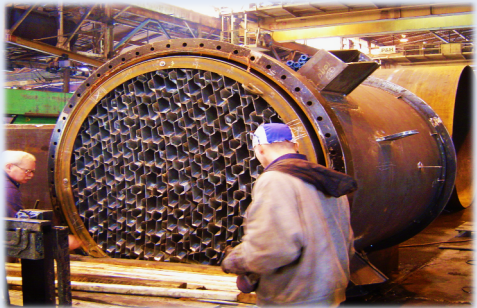
MODEL	HIGHT (')	DIAMETER (')	MEDIA CUBIC FEET	INLET FITTING (")	OULTET FITTING (")	FLOW RATE (GPM)	APPROXIMATE OPERATING WEIGHT (LBS)
VS - 10	6	2.5	9.8	2	3	20 - 28	7661
VS - 15	7	2.5	14.7	3	3	29 - 35	8,908
VS - 21	7	3	21.2	4	4	36 - 49	10,359
VS - 29	8	3.5	28.8	4	4	50 - 69	12,045
VS - 38	8	4	37.7	4	4	70 - 89	14,006
VS - 48	9	4.5	47.7	6	6	90 - 115	16,286
VS - 59	9	5	58.9	6	6	116 - 140	18,938
VS - 71	10	5.5	71.2	8	8	141 - 169	22,020
VS - 85	10	6	84.8	8	8	170 - 204	25,605
VS - 100	12	6.5	99.5	10	10	205 - 240	29,773
VS - 115	12	7	115.4	10	10	231 - 275	34,620
VS - 132	12	7.5	132.4	10	10	265 - 315	40,256
VS - 151	14	8	150.7	12	12	301 - 360	46,809
VS - 170	14	8.5	170.1	12	12	340 - 410	54,429



**Project Description**

Fort Saskatchewan, Canada

The Fort Saskatchewan site formed one of the largest petrochemical complexes in Canada. Our client produced hydrocarbons, ethylene, polyethylene, and electricity, in addition to partnering in the operation of an ethylene glycol / ethylene oxide plant.



**Project Description**

Argentina, SA (Argentina's largest petrochemical firm, located in Bahia Blanca in Buenos Aires Province). A center for production of polymers such as polyethylene and one of the largest hubs in South America. Dow Argentina was established in 1995 and now has five plants and three R&D centers in Argentina.



**Project Description**

Freeport, Texas (Ethylene Cracker Project, part of Dow Chemical's Gulfstream Project)  
Provided Light Oil Cyclone Separator and Coke Solid Cyclone Separator for Dow's LHC-9 Cracker Project in Freeport, Texas.

~ 100 GPM design flow rate

~ 110 psig design pressure



**Project Description**

Freeport, Texas (Ethylene Production Facility, central component of Dow's \$6 billion Gulf Coast investment program)

Inlet Cyclone Separator for Dow Chemical's Power Utility and Infrastructure Project (PUI) located in Freeport, Texas

~ 900 GPM design flow rate

~ 150 psig design pressure