

WET SCRUBBERS

VPY VENTURI PLATED WASHER



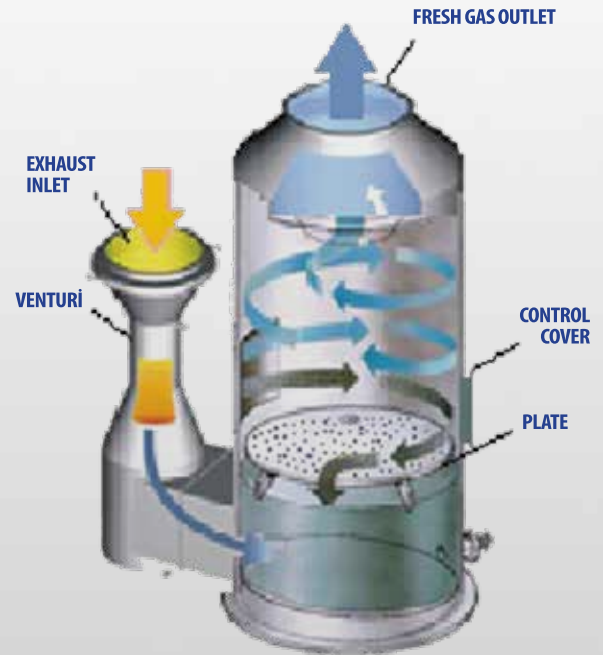
Such systems provide ideal cleaning facilities for waste gas masses containing micron and submicron particles in industrial and commercial plants. Energy consumption is at the lowest level. It separates hazardous gases, particles and steam from the stack gas. These washers, which are used for cleaning oils, pollutants and other particles in the gas flow, provide a means for recycling of gases and materials.

Graded plates in special form have been placed in MDSJ venturi plated scrubber, venturi scrubber body for increase in efficiency level. It has been designed for dust and gas masses, whose separation capacity is below 5 microns. It is possible to obtain an efficiency level of 98 % in finer dusts. Water consumption in plated scrubbers is lower if compared to other types. But pressure loss increases to a certain extent.

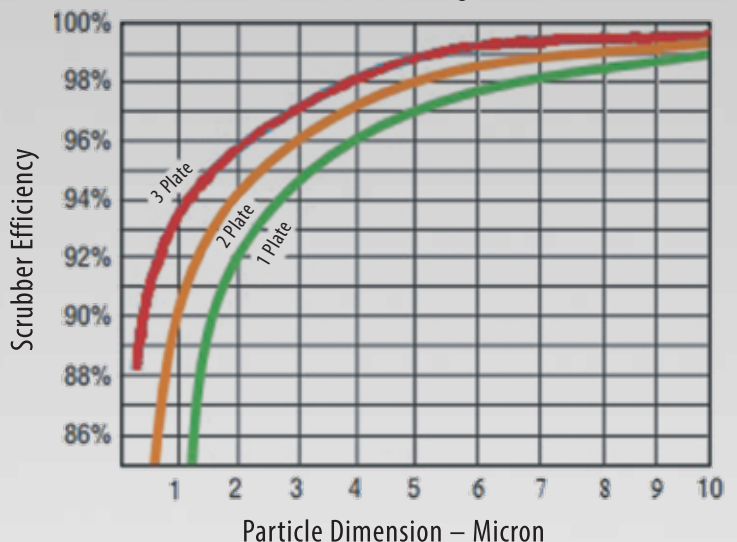
MDSJ plated scrubbers are standard productions up to a capacity of 300.000m³/h. There are no moving pieces in MDSJ plated scrubbers. They do not require full maintenance and operating cost is pretty low.

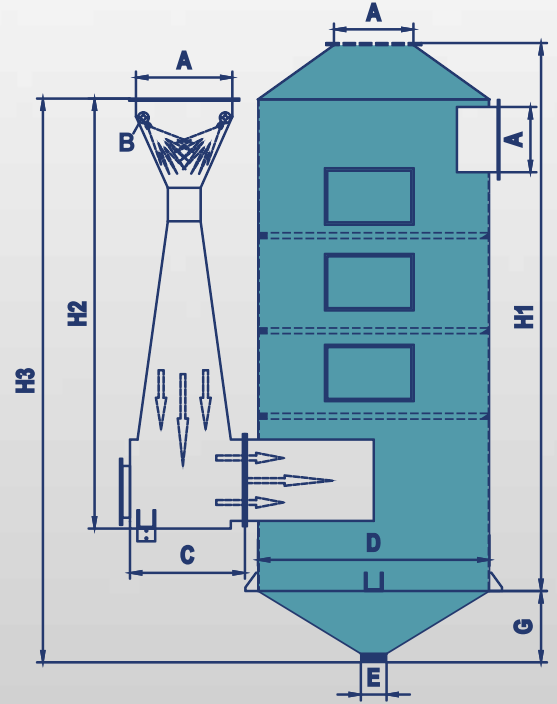
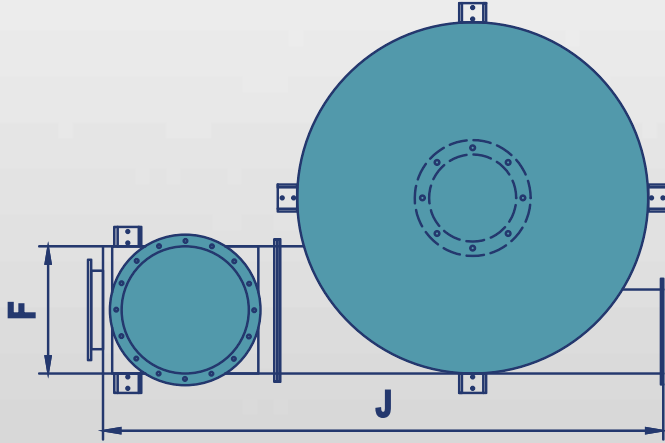
COLLECTION OF DUST AND GAS MASSES

It is an ideal dust and gas collector with MDSJ plate for finer gas and dust masses. Special perforated plates with maximum 3 grades are placed on intermediate body and as a result 98 % efficiency is obtained for dusts below 5 microns. MDSJ plated scrubbers are economical and are simple to install.



Venturi Plate Scrubber Pressure Loss Diagram





VENTURI PLATE SCRUBBER CAPACITIES AND DIMENSIONS

TYPE	Capacity (m ³ /h)	A (mm)	B (inch)	C (mm)	D (mm)	E (inch)	F (mm)	G (mm)	H1 (mm)	H2 (mm)	H3 (mm)	J (mm)
VPY1000	2500-4500	280	2"	710	1000	2"	280	250	1320	1700	1825	1670
VPY1100	4500-6000	370	2"	710	1100	3"	430	400	2000	2000	2200	2025
VPY1250	6000-8000	430	2"	760	1250	4"	430	430	2180	2150	2300	2200
VPY1500	8000-10500	485	2"	890	1500	4"	535	480	2480	2200	2500	2430
VPY1600	10000-15000	570	2"	960	1600	4"	570	530	2750	2350	2700	2700
VPY1800	15000-20000	660	3"	1100	1800	6"	710	610	3150	2650	3100	3010
VPY2000	20000-25000	750	3"	1200	2000	6"	710	660	3680	2950	3370	3350
VPY2250	25000-35000	825	4"	1450	2250	6"	940	735	4300	3450	3980	3800
VPY2500	35000-45000	1000	4"	1550	2500	8"	940	860	5000	3650	4300	4150
VPY3000	45000-60000	1150	4"	1850	3000	8"	1340	890	5750	4430	5150	4750
VPY3250	60000-80000	1320	6"	1975	3250	10"	1340	1015	6700	4660	5500	5250
VPY3500	80000-100000	1500	6"	2250	3500	10"	1770	1115	7750	5320	6250	5875

The sizes given are for informative purposes and may not be used in manufacturing. For detailed information, contact with MDSJ.