

APZEM®

PROMISING ECO SOLUTIONS

VENTURI SCRUBBER

APZEM'S Venturi scrubber removes pollutants by using high energy to atomize liquid into fine droplets, which trap pollutants effectively. Venturi scrubber is suitable for submicron particles since it creates turbulence and intense contact between gas and liquid. Apzem's Venturi scrubbers are specially designed to remove very fine micron and submicron sized particles from effluent gases. Our venturi scrubber is specially designed to remove dusts, fumes, vapours, mists and other harmful pollutants.



Features

High Efficiency: Efficiencies of up to 99% for many applications.

Special Gas Inlet Design:
Significantly reduces solids build up at inlet

High pressure design

MOC : SS 304

Applications

Foundry

Iron foundries

Cement and rock products

Wood industries

Glass making , Sintering Processes

Industrial boilers

Solid Waste Incinerators

Metal and plastics recycling

Food , Pharmaceutical , Fertiliser

General industrial dust collection

Mineral , Wood , Paper & Pulp

Chemical Processing



VENTURI SCRUBBER



Specifications

Inlet / Outlet Size (A,B) (mm)	Air Flow Handled (CFM)	Efficiency		Pressure Drop In Scrubber (IN of W.C)	Venturi Height (H) in (mm)	Flow Required (LPM)	INLET/OUTLET FLANGE DETAILS				
		At 5 Microns	At 2 Microns				Outer Dia A	Inner Dia B	No. Of Holes L	Pitch Circle Dia K	Hole Dia C
100	200 - 400	99.99	99.22	10	500	30	215	100	8	178	18
150	400 - 850	99.99	99.22	10	725	60	279	150	8	228	22
200	850 - 1400	99.99	99.22	10	975	110	336	200	8	292	22
250	1400 - 2200	99.99	99.22	10	1200	180	406	250	12	355	22
300	2200 - 3200	99.99	99.22	10	1450	250	457	300	12	406	26
350	3200 - 4200	99.99	99.22	10	1700	330	527	350	12	469	26
400	4200 - 5500	99.99	99.22	10	1930	450	577	400	12	520	26
450	5500 - 6900	99.99	99.22	10	2175	500	641	450	16	584	26
500	6900 - 8500	99.99	99.22	10	2425	680	704	500	16	647	26
550	8500 - 10500	99.99	99.22	10	2665	850	760	550	16	699	30
600	10500 - 12500	99.99	99.22	10	2890	1000	825	600	16	756	33
650	12500 - 14500	99.99	99.22	10	3145	1150	870	650	16	800	33
700	14500 - 16800	99.99	99.22	10	3390	1350	910	700	20	845	33
750	16800 - 19500	99.99	99.22	10	3625	1550	995	750	20	927	36
800	19500 - 22000	99.99	99.22	10	3870	1800	1060	800	20	984	36
850	22000 - 25000	99.99	99.22	10	4110	2000	1090	850	20	1016	36
900	25000 - 28000	99.99	99.22	10	4350	2250	1175	900	24	1092	36

Optional Features

Differential Pressure Monitor

Recirculation Tank

Recirculation Pump

Liquid Flow Meter

SS Centrifugal Pump

Manometer

Y Strainer

Water Level Indicator

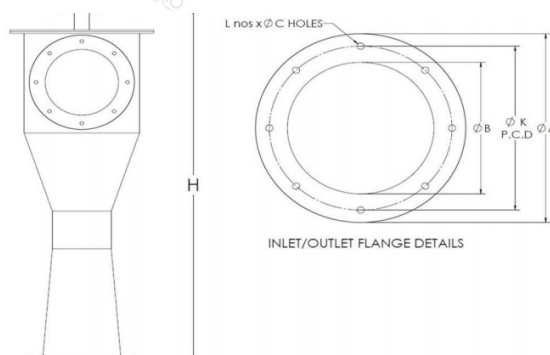
Flow Switches

Water Level Controller

Cyclonic Chamber

Mist Eliminator

SS316 Construction



W : www.apzem.com

M : +91-9789066648

E : sales@apzem.com