


VAYHAN AIR CONTROLS PRIVATE LIMITED

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Wet Scrubber Unit (Intake+Prefilter+Double Bank Scrubber+ Eliminator+ Fan)													
Unit Size	Air Flow			Unit Dimensions				Base Ht.	Outlet Size		Capacity	Water	Unit
	Designed (cfm)	Min (cfm)	Max (cfm)	L ▶ (mm)	L ▲ (mm)	W (mm)	H (mm)	Hb (mm)	h (mm)	w (mm)	of Pump (KW)	Requirement (LPM)	weight (kgs)
40	4000	3000	4100	3750	3800	1600	1150	100	452	452	1.5	60	650
50	5000	3800	5200	3800	3900	1470	1475	100	506	506	1.5	70	700
60	6000	4800	6500	3900	4000	1620	1475	100	568	568	1.5	80	800
70	7000	6100	8200	4000	4150	1925	1475	100	638	638	1.5	100	950
80	8000	6100	8200	4000	4150	2075	1475	100	638	638	1.5	125	1000
90	9000	7600	10300	4100	4250	2225	1475	100	714	714	1.5	140	1050
100	10000	7600	10300	4100	4250	1925	1780	100	714	714	1.5	150	1200
110	11000	9500	12900	4300	4500	2100	1830	100	800	800	1.5	160	1300
120	12000	9500	12900	4300	4500	2250	1830	100	800	800	1.5	175	1350
130	13000	12000	16300	4450	4600	2400	1830	100	898	898	1.5	185	1400
140	14000	12000	16300	4600	4775	2550	1830	100	898	898	1.5	200	1500
150	15000	12000	16300	4600	4775	2300	2135	100	898	898	1.5	215	1600
160	16000	12000	16300	4600	4775	2450	2135	100	898	898	1.5	230	1700
170	17000	15000	20400	4700	4950	2600	2135	100	1006	1006	1.5	245	1850
180	18000	15000	20400	4700	4950	2750	2135	100	1006	1006	1.5	260	1950
190	19000	15000	20400	4700	4950	2900	2135	100	1006	1006	1.5	275	2050
200	20000	15000	20400	4700	4950	2900	2135	100	1006	1006	1.5	290	2150
210	21000	19000	25800	4900	5100	3050	2160	100	1130	1130	1.5	300	2400
220	22000	19000	25800	4900	5100	2750	2465	100	1130	1130	1.5	315	2450
230	23000	19000	25800	4950	5200	2900	2465	100	1130	1130	1.5	330	2500
240	24000	19000	25800	4950	5200	2900	2465	100	1130	1130	1.5	350	2600
250	25000	19000	25800	5050	5325	3050	2465	100	1130	1130	1.5	360	2750
260	26000	24000	32400	5050	5325	3050	2465	100	1266	1266	2.2	375	2900
270	27000	24000	32400	5050	5325	3200	2465	100	1266	1266	2.2	390	3000
280	28000	24000	32400	5050	5325	3350	2465	100	1266	1266	2.2	400	3050
290	29000	24000	32400	5050	5325	3500	2465	100	1266	1266	2.2	415	3100
300	30000	24000	32400	5050	5325	3500	2465	100	1266	1266	2.2	430	3200
310	31000	24000	32400	5050	5325	3650	2465	100	1266	1266	2.2	440	3300
320	32000	24000	32400	5050	5325	3650	2465	100	1266	1266	2.2	450	3350
330	33000	30000	41000	4800	5000	3800	2465	100	1006	1006	2.2	475	4000
340	34000	30000	41000	4800	5000	4000	2465	100	1006	1006	2.2	490	4100
350	35000	30000	41000	4800	5000	4000	2465	100	1006	1006	2.2	500	4150
360	36000	30000	41000	4800	5000	3700	2775	100	1006	1006	2.2	510	4200
370	37000	30000	41000	4800	5000	3700	2775	100	1006	1006	2.2	525	4100
380	38000	30000	41000	4800	5000	3800	2775	100	1006	1006	2.2	550	4300
390	39000	30000	41000	4800	5000	3800	2775	100	1006	1006	2.2	565	4350
400	40000	30000	41000	4800	5000	4000	2775	100	1006	1006	2.2	575	4400

- Notes:**
1. Weight data is approximate and including filter, 2000 mm deep double spray scrubber, Eliminator, Motor and Fan.
 2. Dimensions are approximate and subject to change due to regular design upgradations.
 3. Face Velocity across components as given below.

Fan - Minimum - 6.5 mps

Scrubber Side - 2.5 mps

Fan - Maximum - 9.5 mps

Filter - Air Side - 2.5 mps