

VAYHAN AIR CONTROLS PRIVATE LIMITED

G-1, Park View Residency, Patwari Enclave, Gandhi Nagar (IDPL), Hyderabad - 500 037.
 Phone: +91-40-23720455; Fax: +91-40-23720456; email: sales@vayhan.com; url: www.vayhan.com



Ventilation Unit (Louver + Prefilter + Fan+Fine Filter)

Unit Size	Air Flow		Unit Dimensions				Hb (mm)	Outlet Size		Mass (kgs)
	Designed (cfm)	Min (cfm)	L▶ (mm)	L▲ (mm)	W (mm)	H (mm)		h (mm)	w (mm)	
	8	800	800	2650	2650	800		600	100	
12	1200	850	2700	2700	900	600	100	200	475	300
16	1600	1300	2750	2750	900	800	100	300	425	350
20	2000	1500	2750	2775	975	800	100	350	450	400
25	2500	1800	2800	2825	1125	800	100	350	550	500
30	3000	2300	2900	2950	1300	800	100	400	600	575
35	3500	3000	3050	3100	1425	850	100	400	675	600
40	4000	3000	3050	3100	1480	850	100	450	700	650
45	4500	3800	3225	3300	1510	900	100	500	700	700
50	5000	3800	3225	3300	1420	1110	100	500	775	725
55	5500	4800	3300	3375	1500	1110	100	500	850	750
60	6000	4800	3350	3425	1575	1110	100	550	850	775
65	6500	4800	3350	3425	1730	1110	100	550	925	825
70	7000	6100	3650	3750	1775	1150	100	600	900	1025
75	7500	6100	3650	3750	1880	1150	100	600	975	1075
80	8000	6100	3700	3800	1550	1450	100	650	650	1125
85	8500	7600	3775	3900	1625	1450	100	650	1000	1150
90	9000	7600	3775	3900	1750	1450	100	650	1075	1275
95	9500	7600	3775	3900	1750	1450	100	650	1150	1275
100	10000	7600	3825	3950	1850	1450	100	700	1100	1325
105	10500	9500	3950	4100	1925	1450	100	700	1175	1450
110	11000	9500	3950	4100	2050	1450	100	700	1225	1550
115	11500	9500	4000	4150	2080	1450	100	750	1200	1550
120	12000	9500	4000	4150	2160	1450	100	750	1250	1575
125	12500	9500	4000	4150	2250	1450	100	750	1300	1700
130	13000	12000	4150	4310	2360	1550	100	800	1250	1800
135	13500	12000	4300	4450	2400	1550	100	800	1300	1875
140	14000	12000	4350	4500	2175	1750	100	800	1350	2050
145	14500	12000	4400	4550	2250	1750	100	850	1325	2125
150	15000	12000	4400	4550	2150	1825	100	850	1375	2175
155	15500	12000	4400	4550	2225	1825	100	850	1400	2225
160	16000	12000	4450	4600	2360	1825	100	900	1400	2275
165	16500	15000	4700	4900	2360	1825	100	900	1425	2300
170	17000	15000	4700	4900	2400	1825	100	900	1450	2300
175	17500	15000	4700	4900	2450	1825	100	900	1500	2350
180	18000	15000	4750	4950	2360	1950	100	950	1475	2400
185	18500	15000	4750	4950	2660	1825	100	950	1500	2475
190	19000	15000	4750	4950	2660	1825	100	950	1550	2475
195	19500	15000	4750	4950	2710	1825	100	950	1600	2475
200	20000	15000	4750	4950	2675	1950	100	950	1650	2525
205	20500	19000	4950	5150	2475	2075	100	1000	1600	2650
210	21000	19000	4950	5150	2525	2075	100	1000	1650	2650
215	21500	19000	4950	5150	2575	2075	100	1000	1675	2650
220	22000	19000	5000	5200	2675	2075	100	1050	1625	2725
225	22500	19000	5000	5200	2700	2075	100	1050	1675	2725
230	23000	19000	5000	5200	2750	2075	100	1050	1700	2775
235	23500	19000	5000	5200	2800	2075	100	1050	1750	2825
240	24000	19000	5000	5200	2850	2075	100	1050	1800	2900
245	24500	19000	5050	5250	2900	2075	100	1100	1725	2975
250	25000	19000	5050	5250	3000	2075	100	1100	1750	3075

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Ventilation Unit (Louver + Prefilter + Fan+Fine Filter)

Unit Size	Air Flow		Unit Dimensions				Hb (mm)	Outlet Size		Mass (kgs)
	Designed (cfm)	Min (cfm)	L▶ (mm)	L▲ (mm)	W (mm)	H (mm)		h (mm)	w (mm)	
	255	25500	19000	5050	5250	3000		2075	100	
260	26000	24000	5200	5450	3000	2200	100	1100	1850	3150
265	26500	24000	5300	5550	3000	2200	100	1200	1700	3150
270	27000	24000	5300	5550	3000	2200	100	1200	1750	3150
275	27500	24000	5300	5550	3025	2200	100	1200	1775	3150
280	28000	24000	5300	5550	3075	2200	100	1200	1800	3150
285	28500	24000	5300	5550	3300	2200	100	1200	1850	3250
290	29000	24000	5300	5550	3300	2200	100	1200	1875	3250
295	29500	24000	5300	5550	3300	2200	100	1200	1900	3250
300	30000	24000	5300	5550	3300	2200	100	1200	1950	3250
305	30500	24000	5300	5550	3125	2360	100	1200	1975	3325
310	31000	24000	5300	5550	3175	2360	100	1200	2000	3325
315	31500	24000	5300	5550	3225	2360	100	1200	2050	3325
320	32000	24000	5300	5550	3275	2360	100	1200	2075	3325
325	32500	24000	4850	5000	3600	2200	100	1200	2100	3575
330	33000	30000	5000	5200	3800	2075	100	1200	2150	3750
335	33500	30000	5000	5200	3850	2075	100	1200	2150	3750
340	34000	30000	5000	5200	3900	2075	100	1200	2200	3825
345	34500	30000	5000	5200	3950	2075	100	1200	2250	3825
350	35000	30000	5000	5200	3750	2200	100	1200	2250	3925
355	35500	30000	5000	5200	3800	2200	100	1200	2300	3925
360	36000	30000	5000	5200	3910	2200	100	1200	2325	3925
365	36500	30000	5000	5200	3910	2200	100	1200	2350	4000
370	37000	30000	5000	5200	3950	2200	100	1200	2400	4000
375	37500	30000	5000	5200	3775	2360	100	1200	2400	4000
380	38000	30000	5000	5200	3825	2360	100	1200	2450	4000
385	38500	30000	5000	5200	3850	2360	100	1200	2500	4050
390	39000	30000	5000	5200	3900	2360	100	1200	2500	4100
395	39500	30000	5000	5200	3950	2360	100	1200	2550	4175
400	40000	30000	5000	5200	4000	2360	100	1200	2600	4250

- Notes:**
1. Weight data is approximate and including Louver, filter, 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
 - Fan - Maximum - 9.5 mps
 - Filter - Air Side - 2.5 mps