

**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(Panel&Bag) +Fan)**

Unit Size	Air Flow			Unit Dimensions				Base Ht.	Outlet Size		Mass (kgs)
	Designed	Min	Max	L ▶	L ▲	W	H	Hb	h	w	
	(cfm)	(cfm)	(cfm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
8	800	800	1175	1830	1830	800	600	100	228	259	160
12	1200	850	1225	1880	1880	900	600	100	262	232	180
16	1600	1300	1900	1930	1930	900	800	100	289	331	210
20	2000	1500	2100	1930	1955	975	800	100	322	322	235
25	2500	1800	2600	1980	2005	1125	800	100	360	360	300
30	3000	2300	3300	2030	2080	1300	800	100	404	404	340
35	3500	3000	4100	2180	2230	1425	850	100	452	452	365
40	4000	3000	4100	2180	2230	1480	850	100	452	452	390
45	4500	3800	5200	2255	2330	1510	900	100	506	506	415
50	5000	3800	5200	2255	2330	1420	1110	100	506	506	440
55	5500	4800	6500	2330	2405	1500	1110	100	568	568	465
60	6000	4800	6500	2330	2405	1575	1110	100	568	568	475
65	6500	4800	6500	2330	2405	1730	1110	100	568	568	500
70	7000	6100	8200	2600	2700	1775	1150	100	638	638	625
75	7500	6100	8200	2600	2700	1880	1150	100	638	638	650
80	8000	6100	8200	2600	2700	1550	1450	100	638	638	675
85	8500	7600	10300	2675	2800	1625	1450	100	714	714	710
90	9000	7600	10300	2675	2800	1750	1450	100	714	714	785
95	9500	7600	10300	2675	2800	1750	1450	100	714	714	785
100	10000	7600	10300	2675	2800	1850	1450	100	714	714	810
105	10500	9500	12900	2800	2950	1925	1450	100	800	800	885
110	11000	9500	12900	2800	2950	2050	1450	100	800	800	935
115	11500	9500	12900	2800	2950	2080	1450	100	800	800	935
120	12000	9500	12900	2800	2950	2160	1450	100	800	800	960
125	12500	9500	12900	2800	2950	2250	1450	100	800	800	1045
130	13000	12000	16300	2900	3060	2360	1550	100	898	898	1095
135	13500	12000	16300	3050	3200	2400	1550	100	898	898	1145
140	14000	12000	16300	3100	3250	2175	1750	100	898	898	1245
145	14500	12000	16300	3100	3250	2250	1750	100	898	898	1295
150	15000	12000	16300	3100	3250	2150	1825	100	898	898	1320
155	15500	12000	16300	3100	3250	2225	1825	100	898	898	1345
160	16000	12000	16300	3100	3250	2360	1825	100	898	898	1370
165	16500	15000	20400	3250	3450	2360	1825	100	1006	1006	1395
170	17000	15000	20400	3250	3450	2400	1825	100	1006	1006	1395
175	17500	15000	20400	3250	3450	2450	1825	100	1006	1006	1420
180	18000	15000	20400	3250	3450	2360	1950	100	1006	1006	1445
185	18500	15000	20400	3250	3450	2660	1825	100	1006	1006	1495
190	19000	15000	20400	3250	3450	2660	1825	100	1006	1006	1495
195	19500	15000	20400	3250	3450	2710	1825	100	1006	1006	1495
200	20000	15000	20400	3250	3450	2675	1950	100	1006	1006	1520
205	20500	19000	25800	3400	3600	2475	2075	100	1130	1130	1600
210	21000	19000	25800	3400	3600	2525	2075	100	1130	1130	1600
215	21500	19000	25800	3400	3600	2575	2075	100	1130	1130	1600
220	22000	19000	25800	3400	3600	2675	2075	100	1130	1130	1650
225	22500	19000	25800	3400	3600	2700	2075	100	1130	1130	1650
230	23000	19000	25800	3400	3600	2750	2075	100	1130	1130	1675
235	23500	19000	25800	3400	3600	2800	2075	100	1130	1130	1700
240	24000	19000	25800	3400	3600	2850	2075	100	1130	1130	1750

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	Designed	Min	Max	L ▶	L ▲	W	H	Hb	h	w	
	(cfm)	(cfm)	(cfm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
255	25500	19000	25800	3550	3600	3000	2075	100	1130	1130	1860
260	26000	24000	32400	3550	3800	3000	2200	100	1266	1266	1910
265	26500	24000	32400	3550	3800	3000	2200	100	1266	1266	1910
270	27000	24000	32400	3550	3800	3000	2200	100	1266	1266	1910
275	27500	24000	32400	3550	3800	3025	2200	100	1266	1266	1910
280	28000	24000	32400	3550	3800	3075	2200	100	1266	1266	1910
285	28500	24000	32400	3550	3800	3300	2200	100	1266	1266	1960
290	29000	24000	32400	3550	3800	3300	2200	100	1266	1266	1960
295	29500	24000	32400	3550	3800	3300	2200	100	1266	1266	1960
300	30000	24000	32400	3550	3800	3300	2200	100	1266	1266	1960
305	30500	24000	32400	3550	3800	3125	2360	100	1266	1266	2010
310	31000	24000	32400	3550	3800	3175	2360	100	1266	1266	2125
315	31500	24000	32400	3550	3800	3225	2360	100	1266	1266	2125
320	32000	24000	32400	3550	3800	3275	2360	100	1266	1266	2125
325	32500	24000	32600	3100	3250	3600	2200	100	898	898	2175
330	33000	30000	41000	3250	3450	3800	2075	100	1006	1006	2275
335	33500	30000	41000	3250	3450	3850	2075	100	1006	1006	2275
340	34000	30000	41000	3250	3450	3900	2075	100	1006	1006	2325
345	34500	30000	41000	3250	3450	3950	2075	100	1006	1006	2325
350	35000	30000	41000	3250	3450	3750	2200	100	1006	1006	2375
355	35500	30000	41000	3250	3450	3800	2200	100	1006	1006	2375
360	36000	30000	41000	3250	3450	3910	2200	100	1006	1006	2375
365	36500	30000	41000	3250	3450	3910	2200	100	1006	1006	2425
370	37000	30000	41000	3250	3450	3950	2200	100	1006	1006	2425
375	37500	30000	41000	3250	3450	3775	2360	100	1006	1006	2425
380	38000	30000	41000	3250	3450	3825	2360	100	1006	1006	2425
385	38500	30000	41000	3250	3450	3850	2360	100	1006	1006	2450
390	39000	30000	41000	3250	3450	3900	2360	100	1006	1006	2475
395	39500	30000	41000	3250	3450	3950	2360	100	1006	1006	2525
400	40000	30000	41000	3250	3450	4000	2360	100	1006	1006	2575

- 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