

VAYHAN AIR CONTROLS PRIVATE LIMITED

G-1, Park View Residency, Patwari Enclave, Gandhi Nagar (IDPL), Hyderabad - 500 037.
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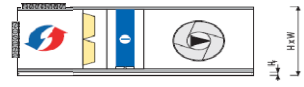
Comfort AHU with Mixing Box(Mixing Box+ Prefilter(Panel&Bag) +Cooling Coil+ Fan)



Unit Size	Air Flow			Unit Dimensions				Base Ht.	Inlet (FA) Size		Inlet (RA) Size		Outlet Size		Mass (kgs)
	Designed (cfm)	Min (cfm)	Max (cfm)	L ▶ (mm)	L ▲ (mm)	W (mm)	H (mm)	Hb (mm)	h (mm)	w (mm)	h (mm)	w (mm)	h (mm)	w (mm)	
	8	800	800	1175	2330	2330	800	600	100	150	150	200	375	256	
12	1200	850	1225	2380	2380	900	600	100	150	150	250	450	256	256	250
16	1600	1300	1900	2430	2430	900	800	100	150	200	300	500	288	288	290
20	2000	1500	2100	2430	2455	975	800	100	175	225	300	625	322	322	325
25	2500	1800	2600	2480	2505	1125	800	100	200	250	350	675	360	360	375
30	3000	2300	3300	2580	2630	1300	800	100	225	250	400	700	404	404	425
35	3500	3000	4100	2680	2730	1425	850	100	250	250	400	800	452	452	450
40	4000	3000	4100	2680	2730	1480	850	100	250	300	400	900	452	452	475
45	4500	3800	5200	2755	2830	1510	900	100	250	350	450	925	506	506	500
50	5000	3800	5200	2755	2830	1420	1110	100	275	350	450	1050	506	506	535
55	5500	4800	6500	2830	2905	1500	1110	100	300	350	500	1050	568	568	600
60	6000	4800	6500	2880	2955	1575	1110	100	300	375	500	1100	568	568	635
65	6500	4800	6500	2880	2955	1730	1110	100	300	400	500	1200	568	568	700
70	7000	6100	8200	3150	3250	1775	1150	100	325	400	500	1300	638	638	825
75	7500	6100	8200	3150	3250	1880	1150	100	350	400	500	1400	638	638	850
80	8000	6100	8200	3150	3250	1550	1450	100	350	425	600	1250	638	638	875
85	8500	7600	10300	3225	3350	1625	1450	100	350	450	600	1325	714	714	925
90	9000	7600	10300	3275	3400	1750	1450	100	400	425	600	1400	714	714	975
95	9500	7600	10300	3275	3400	1750	1450	100	400	450	600	1500	714	714	1000
100	10000	7600	10300	3325	3450	1850	1450	100	400	475	650	1450	714	714	1025
105	10500	9500	12900	3450	3600	1925	1450	100	400	500	650	1500	800	800	1100
110	11000	9500	12900	3450	3600	2050	1450	100	400	525	650	1575	800	800	1125
115	11500	9500	12900	3450	3600	2080	1450	100	400	550	650	1650	800	800	1150
120	12000	9500	12900	3450	3600	2160	1450	100	425	525	700	1600	800	800	1175
125	12500	9500	12900	3450	3600	2250	1450	100	450	525	700	1675	800	800	1300
130	13000	12000	16300	3590	3750	2360	1550	100	450	550	750	1600	898	898	1375
135	13500	12000	16300	3750	3900	2400	1550	100	450	550	750	1700	898	898	1450
140	14000	12000	16300	3850	4000	2175	1750	100	450	600	750	1750	898	898	1500
145	14500	12000	16300	3850	4000	2250	1750	100	450	600	800	1700	898	898	2525
150	15000	12000	16300	3850	4000	2150	1825	100	500	550	800	1750	898	898	1550
155	15500	12000	16300	3900	4050	2225	1825	100	500	600	800	1800	898	898	1575
160	16000	12000	16300	3900	4050	2360	1825	100	500	600	800	1850	898	898	1600
165	16500	15000	20400	4050	4250	2360	1825	100	500	625	800	1925	1006	1006	1650
170	17000	15000	20400	4050	4250	2400	1825	100	500	650	800	1975	1006	1006	1700
175	17500	15000	20400	4100	4300	2450	1825	100	500	650	850	1950	1006	1006	1725
180	18000	15000	20400	4100	4300	2360	1950	100	550	625	850	1975	1006	1006	1750
185	18500	15000	20400	4100	4300	2660	1825	100	550	625	850	2000	1006	1006	1775
190	19000	15000	20400	4100	4300	2660	1825	100	550	650	850	2100	1006	1006	1800
195	19500	15000	20400	4100	4300	2710	1825	100	550	650	850	2150	1006	1006	2850
200	20000	15000	20400	4100	4300	2675	1950	100	550	675	850	2200	1006	1006	1900
205	20500	19000	25800	4350	4550	2475	2075	100	550	700	900	2100	1130	1130	2000
210	21000	19000	25800	4350	4550	2525	2075	100	550	700	900	2175	1130	1130	2050
215	21500	19000	25800	4350	4550	2575	2075	100	600	700	900	2200	1130	1130	2075
220	22000	19000	25800	4350	4550	2675	2075	100	600	700	900	2300	1130	1130	2100
225	22500	19000	25800	4350	4550	2700	2075	100	600	700	950	2200	1130	1130	2125
230	23000	19000	25800	4350	4550	2750	2075	100	600	725	950	2250	1130	1130	2150
235	23500	19000	25800	4350	4550	2800	2075	100	600	750	950	2300	1130	1130	2175
240	24000	19000	25800	4350	4550	2850	2075	100	650	700	950	2350	1130	1130	2200
245	24500	19000	25800	4350	4550	2900	2075	100	650	700	950	2400	1130	1130	2300
250	25000	19000	25800	4350	4550	3000	2075	100	650	725	950	2450	1130	1130	2350

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Unit Size	Air Flow			Unit Dimensions				Base Ht.	Inlet (FA) Size		Inlet (RA) Size		Outlet Size		Mass (kgs)
	Designed	Min	Max	L ▶	L ▲	W	H	Hb	h	w	h	w	h	w	
	(cfm)	(cfm)	(cfm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
255	25500	19000	25800	4350	4550	3000	2075	100	650	750	950	2500	1130	1130	2400
260	26000	24000	32400	4550	4800	3000	2200	100	650	750	1000	2400	1266	1266	2425
265	26500	24000	32400	4550	4800	3000	2200	100	650	775	1000	2500	1266	1266	2425
270	27000	24000	32400	4550	4800	3000	2200	100	650	800	1000	2500	1266	1266	2450
275	27500	24000	32400	4550	4800	3025	2200	100	650	800	1000	2550	1266	1266	2450
280	28000	24000	32400	4550	4800	3075	2200	100	650	800	1000	2600	1266	1266	2475
285	28500	24000	32400	4550	4800	3300	2200	100	700	800	1000	2650	1266	1266	2500
290	29000	24000	32400	4550	4800	3300	2200	100	700	800	1000	2700	1266	1266	2550
295	29500	24000	32400	4550	4800	3300	2200	100	700	800	1000	2750	1266	1266	2550
300	30000	24000	32400	4600	4850	3300	2200	100	700	800	1000	2800	1266	1266	2550
305	30500	24000	32400	4600	4850	3125	2360	100	700	825	1050	2700	1266	1266	2575
310	31000	24000	32400	4600	4850	3175	2360	100	700	825	1050	2750	1266	1266	2600
315	31500	24000	32400	4600	4850	3225	2360	100	700	850	1050	2800	1266	1266	2625
320	32000	24000	32400	4600	4850	3275	2360	100	700	850	1050	2850	1266	1266	2650
325	32500	24000	32600	4100	4250	3600	2200	100	750	825	1100	2750	898	898	2850
330	33000	30000	41000	4250	4450	3800	2075	100	750	825	1100	2800	1006	1006	3000
335	33500	30000	41000	4250	4450	3850	2075	100	750	850	1100	2850	1006	1006	3025
340	34000	30000	41000	4250	4450	3900	2075	100	750	850	1100	2900	1006	1006	3150
345	34500	30000	41000	4250	4450	3950	2075	100	750	875	1100	2900	1006	1006	3150
350	35000	30000	41000	4250	4450	3750	2200	100	750	875	1100	2950	1006	1006	3150
355	35500	30000	41000	4250	4450	3800	2200	100	750	900	1100	3000	1006	1006	3175
360	36000	30000	41000	4250	4450	3910	2200	100	750	900	1100	3050	1006	1006	3200
365	36500	30000	41000	4250	4450	3910	2200	100	750	925	1100	3100	1006	1006	3200
370	37000	30000	41000	4250	4450	3950	2200	100	800	900	1100	3100	1006	1006	3200
375	37500	30000	41000	4250	4450	3775	2360	100	800	900	1100	3175	1006	1006	3225
380	38000	30000	41000	4300	4500	3825	2360	100	800	900	1100	3200	1006	1006	3250
385	38500	30000	41000	4300	4500	3850	2360	100	800	900	1100	3250	1006	1006	3250
390	39000	30000	41000	4300	4500	3900	2360	100	800	925	1100	3300	1006	1006	3250
395	39500	30000	41000	4300	4500	3950	2360	100	800	925	1100	3350	1006	1006	3275
400	40000	30000	41000	4300	4500	4000	2360	100	800	950	1100	3400	1006	1006	3300

- Notes: 1. Weight data is approximate and including filter, 4 RD coil Motor and Fan.
 2. Dimensions are approximate and subject to change due to regular design upgradations.
 3. In case of heating coil section add 300 mm to the length of Unit to arrive total length.
 4. Face Velocity across components as given below.
 Fan - Minimum - 6.5 mps
 Fan - Maximum - 9.5 mps
 Cooler - Air Side - 2.5 mps
 Filter - Air Side - 2.5 mps