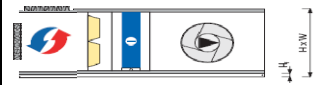


VAYHAN AIR CONTROLS PRIVATE LIMITED

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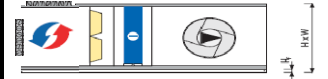


Comfort AHU with Mixing Box(Mixing Box+ Prefilter +Cooling Coil+ Fan)

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	1900	1900	800	600	100	150	150	200	375	256	
12	1200	850	1225	1950	1950	900	600	100	150	150	200	575	256	256	240
16	1600	1300	1900	2000	2000	900	800	100	150	200	250	600	288	288	275
20	2000	1500	2100	2000	2025	975	800	100	175	225	300	625	322	322	315
25	2500	1800	2600	2050	2075	1125	800	100	200	250	300	775	360	360	360
30	3000	2300	3300	2150	2200	1300	800	100	225	250	350	800	404	404	400
35	3500	3000	4100	2250	2300	1425	850	100	250	250	400	825	452	452	425
40	4000	3000	4100	2250	2300	1480	850	100	250	300	400	950	452	452	450
45	4500	3800	5200	2325	2400	1510	900	100	250	350	400	1050	506	506	475
50	5000	3800	5200	2325	2400	1420	1110	100	275	350	450	1050	506	506	500
55	5500	4800	6500	2400	2475	1500	1110	100	300	350	450	1150	568	568	575
60	6000	4800	6500	2450	2525	1575	1110	100	300	375	450	1250	568	568	600
65	6500	4800	6500	2450	2525	1730	1110	100	300	400	450	1350	568	568	675
70	7000	6100	8200	2700	2800	1775	1150	100	325	400	500	1300	638	638	800
75	7500	6100	8200	2700	2800	1880	1150	100	350	400	500	1400	638	638	825
80	8000	6100	8200	2700	2800	1550	1450	100	350	425	600	1250	638	638	840
85	8500	7600	10300	2775	2900	1625	1450	100	350	450	600	1325	714	714	875
90	9000	7600	10300	2825	2950	1750	1450	100	400	425	600	1400	714	714	925
95	9500	7600	10300	2825	2950	1750	1450	100	400	450	600	1500	714	714	975
100	10000	7600	10300	2875	3000	1850	1450	100	400	475	650	1450	714	714	1050
105	10500	9500	12900	3000	3150	1925	1450	100	400	500	650	1500	800	800	1075
110	11000	9500	12900	3000	3150	2050	1450	100	400	525	650	1575	800	800	1100
115	11500	9500	12900	3000	3150	2080	1450	100	400	550	650	1650	800	800	1125
120	12000	9500	12900	3000	3150	2160	1450	100	425	525	700	1600	800	800	1150
125	12500	9500	12900	3000	3150	2250	1450	100	450	525	700	1675	800	800	1250
130	13000	12000	16300	3140	3300	2360	1550	100	450	550	750	1600	898	898	1350
135	13500	12000	16300	3300	3450	2400	1550	100	450	550	750	1700	898	898	1400
140	14000	12000	16300	3400	3550	2175	1750	100	450	600	750	1750	898	898	1475
145	14500	12000	16300	3400	3550	2250	1750	100	450	600	800	1700	898	898	1475
150	15000	12000	16300	3400	3550	2150	1825	100	500	550	800	1750	898	898	1500
155	15500	12000	16300	3450	3600	2225	1825	100	500	600	800	1800	898	898	1525
160	16000	12000	16300	3450	3600	2360	1825	100	500	600	800	1850	898	898	1550
165	16500	15000	20400	3600	3800	2360	1825	100	500	625	800	1925	1006	1006	1600
170	17000	15000	20400	3600	3800	2400	1825	100	500	650	800	1975	1006	1006	1650
175	17500	15000	20400	3650	3850	2450	1825	100	500	650	850	1950	1006	1006	1675
180	18000	15000	20400	3650	3850	2360	1950	100	550	625	850	1975	1006	1006	1700
185	18500	15000	20400	3650	3850	2660	1825	100	550	625	850	2000	1006	1006	1725
190	19000	15000	20400	3650	3850	2660	1825	100	550	650	850	2100	1006	1006	1750
195	19500	15000	20400	3650	3850	2710	1825	100	550	650	850	2150	1006	1006	1800
200	20000	15000	20400	3650	3850	2675	1950	100	550	675	850	2200	1006	1006	1825
205	20500	19000	25800	3900	4100	2475	2075	100	550	700	900	2100	1130	1130	1900
210	21000	19000	25800	3900	4100	2525	2075	100	550	700	900	2175	1130	1130	1950
215	21500	19000	25800	3900	4100	2575	2075	100	600	700	900	2200	1130	1130	1975
220	22000	19000	25800	3900	4100	2675	2075	100	600	700	900	2300	1130	1130	2000
225	22500	19000	25800	3900	4100	2700	2075	100	600	700	950	2200	1130	1130	2025
230	23000	19000	25800	3900	4100	2750	2075	100	600	725	950	2250	1130	1130	2050
235	23500	19000	25800	3900	4100	2800	2075	100	600	750	950	2300	1130	1130	2075

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Comfort AHU with Mixing Box(Mixing Box+ Prefilter +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)	
	250	25000	19000	25800	3900	4100	3000	2075	100	650	725	950	2450	1130	
255	25500	19000	25800	3900	4100	3000	2075	100	650	750	950	2500	1130	1130	2350
260	26000	24000	32400	4100	4350	3000	2200	100	650	750	1000	2400	1266	1266	2350
265	26500	24000	32400	4100	4350	3000	2200	100	650	775	1000	2500	1266	1266	2325
270	27000	24000	32400	4100	4350	3000	2200	100	650	800	1000	2500	1266	1266	2325
275	27500	24000	32400	4100	4350	3025	2200	100	650	800	1000	2550	1266	1266	2375
280	28000	24000	32400	4100	4350	3075	2200	100	650	800	1000	2600	1266	1266	2375
285	28500	24000	32400	4100	4350	3300	2200	100	700	800	1000	2650	1266	1266	2400
290	29000	24000	32400	4100	4350	3300	2200	100	700	800	1000	2700	1266	1266	2450
295	29500	24000	32400	4100	4350	3300	2200	100	700	800	1000	2750	1266	1266	2500
300	30000	24000	32400	4150	4400	3300	2200	100	700	800	1000	2800	1266	1266	2500
305	30500	24000	32400	4150	4400	3125	2360	100	700	825	1050	2700	1266	1266	2525
310	31000	24000	32400	4150	4400	3175	2360	100	700	825	1050	2750	1266	1266	2550
315	31500	24000	32400	4150	4400	3225	2360	100	700	850	1050	2800	1266	1266	2625
320	32000	24000	32400	4150	4400	3275	2360	100	700	850	1050	2850	1266	1266	2625
325	32500	24000	32600	3650	3800	3600	2200	100	750	825	1100	2750	898	898	2750
330	33000	30000	41000	3800	4000	3800	2075	100	750	825	1100	2800	1006	1006	2800
335	33500	30000	41000	3800	4000	3850	2075	100	750	850	1100	2850	1006	1006	2950
340	34000	30000	41000	3800	4000	3900	2075	100	750	850	1100	2900	1006	1006	3000
345	34500	30000	41000	3800	4000	3950	2075	100	750	875	1100	2900	1006	1006	3050
350	35000	30000	41000	3800	4000	3750	2200	100	750	875	1100	2950	1006	1006	3050
355	35500	30000	41000	3800	4000	3800	2200	100	750	900	1100	3000	1006	1006	3075
360	36000	30000	41000	3800	4000	3910	2200	100	750	900	1100	3050	1006	1006	3100
365	36500	30000	41000	3800	4000	3910	2200	100	750	925	1100	3100	1006	1006	3100
370	37000	30000	41000	3800	4000	3950	2200	100	800	900	1100	3100	1006	1006	3100
375	37500	30000	41000	3800	4000	3775	2360	100	800	900	1100	3175	1006	1006	3125
380	38000	30000	41000	3850	4050	3825	2360	100	800	900	1100	3200	1006	1006	3150
385	38500	30000	41000	3850	4050	3850	2360	100	800	900	1100	3250	1006	1006	3150
390	39000	30000	41000	3850	4050	3900	2360	100	800	925	1100	3300	1006	1006	3150
395	39500	30000	41000	3850	4050	3950	2360	100	800	925	1100	3350	1006	1006	3175
400	40000	30000	41000	3850	4050	4000	2360	100	800	950	1100	3400	1006	1006	3200

- 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