

Colux Air handling unit

(1500 cfm to 50,000 cfm)

Colux air handling units are used for installation in any commercial building, subways, exhibition centers, hotel, restaurant, operation theaters, shopping malls, pharmaceutical factories and micro processor plants.

These units are designed to provide central air conditioning i.e. cooling, heating, humidifying, pre heating, mixing and filtering with sets of standard and optional component sections. The standard model consists of flat filter

section, with internal insulation of 1" thick polyurethane. These units are available in different arrangements like HDT(horizontal draw

through), VDT(vertical draw through), MZBT(multi zone

Application

Air treatment of commercial and industrial applications.

Air filtration.

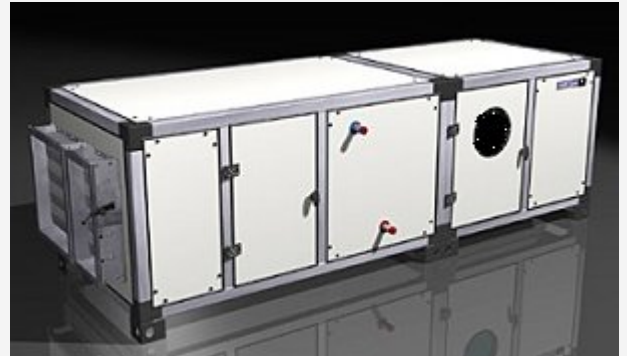
Heating (water or electrical).

Cooling (water or DX).

Heat recovery (cross flow or rotary heat exchanger).

Vertical or horizontal installation.

Indoor mounting.



Composition Structure with Galvanize sheet profiles and aluminum corners. Double skinned removable panels allowing any type of installation. Outer layer: galvanized steel plate (0,5mm). Insulation high-quality glass wool 35mm MO 60-80kg/m³, polyurethane 35mm 3050kg/m³.

Inside in: galvanized steel plate and inbox or epoxy coated.

Internal elements access panel equipped with security bolt. Rectangular connections.

Fan: Single inlet centrifugal fan. Direct-driven motor IP 55 classification F with thermal protection PTO.

Complete fan and motor frame mounted on anti-vibration mounts.

Impeller: backward curved blades epoxy coated.

Model	Air flow range (CFM)	Nominal air flow (CMF)
100 AHU	1500 ~ 2500	2000
110 AHU	2500 ~ 4000	3200
115 AHU	4000 ~ 5500	4500
120 AHU	5500 ~ 7000	6000
125 AHU	7000 ~ 8000	7200
130 AHU	8000 ~ 10000	8800
135 AHU	9000 ~ 13000	11000
140 AHU	12000 ~ 16000	14000
145 AHU	16000 ~ 20000	18000
150 AHU	20000 ~ 25000	22000
155 AHU	24000 ~ 32000	28000
160 AHU	32000 ~ 36000	36000
165 AHU	36000 ~ 50000	40000

Specification are subject to change with out any notice in view of continues improvements in the products.

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