

EQUIPMENT FOR PROFESSIONAL PROJECTS

HEAVY DUTY AIR HANDLING UNIT

Industrial use air handling units ranging from 1TR to 90TR capacities, in direct expansion applications with environmentally friendly R-410A coolant or chilled water. These units can be installed horizontally or vertically, indoors or outdoors, with airflow rates between 650 and 49500 CFM.

Cascade filtration options up to HEPA 99.97% or 99.99%, sensors, and intelligent controls integrated into the Building Management System (BMS) for operational feedback and efficient communication.

- AHRI Certified Coil
- Thermally bridged panels and framing
- Double-walled doors on all models
- Pull-locking doors
- Condensate tray in galvanized sheet or stainless steel (depending on application)
- Carel electronic controls (optional)

Range of applications

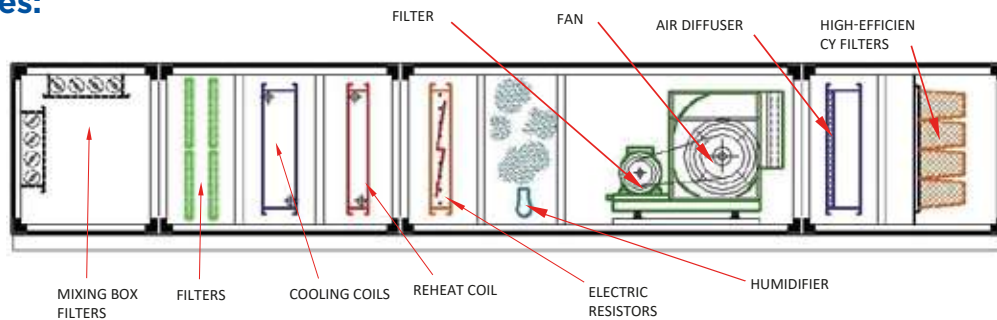
- Airports
- Clinics and hospitals
- Food industry
- Industry (processes)
- Pharmaceutical laboratories
- Dairy plants
- Offices

Main characteristics

- 1TR to 90TR capacities
- EC/AC Plenum Fan
- Class I or Class II forward inclined fan blades



Section Types:

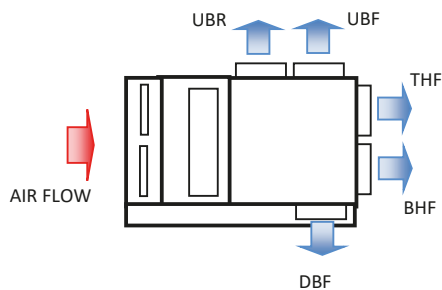


Technical references and specifications:

	AREA COIL FOOT2	ROWS	BLADES/P	CFM
3AHB/ADB/ADBT 02	02	4/6/8	8-16	1100
3AHB/ADB/ADBT 03	03	4/6/8	8-16	1650
3AHB/ADB/ADBT 06	06	4/6/8	8-16	3300
3AHB/ADB/ADBT 09	09	4/6/8	8-16	4950
3AHB/ADB/ADBT 13	13	4/6/8	8-16	7150
3AHB/ADB/ADBT 17	17	4/6/8	8-16	9350
3AHB/ADB/ADBT 21	21	4/6/8	8-16	11550
3AHB/ADB/ADBT 26	26	4/6/8	8-16	14300
3AHB/ADB/ADBT 32	32	4/6/8	8-16	17600
3ADBT 39	39	4/6/8	8-16	21450
3ADBT 48	48	4/6/8	8-16	26400
3ADBT 57	57	4/6/8	8-16	31350
3ADBT 75	75	4/6/8	8-16	41250
3ADBT 90	90	4/6/8	8-16	49500

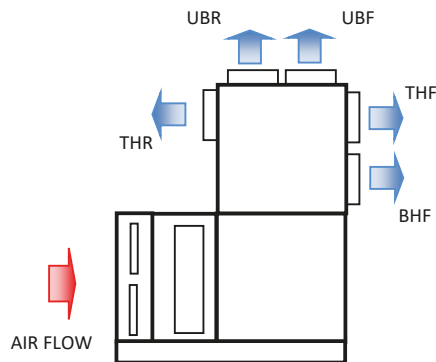
Configurations:

HORIZONTAL CONFIGURATION



SIDE VIEW DIAGRAMS

VERTICAL CONFIGURATION



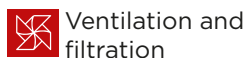
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BOGOTÁ: CEL. 311 794 5345 / 318 347 6029 / 316 834 6030
BARRANQUILLA: CEL. 316 834 6027 / 318 358 7002
MEDELLÍN: CEL. 318 366 2444 / 318 366 2168

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Air Conditioning



Ventilation and filtration



Heat



Humidity control

