



# THE NEW GENERATION OF AHU + ENERGY SAVING + TECHNOLOGY

## AIR HANDLING UNIT - 3ADBT

### ENERGY RECOVERY

Designed with an energy conservation wheel (ECW) or Enthalpy wheel. This results in high efficiency and greater energy savings.

#### Range of applications

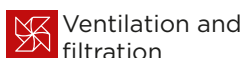
The pharmaceutical and food industries, hospitals, laboratories, and systems requiring high air renewal.

#### Main Characteristics

- AHRI Standard 1060 certified enthalpy wheel
- Wheel material complies with NFPA and UL
- High-efficiency ECW wheel
- AHRI Standard 410 certified coils
- AMCA-certified Plenum Fans
- Aluminum framing with thermal bridge
- Panels up to 2" double-wall with thermal break
- Stainless steel condensate tray
- Multiple configuration options
- Up to 50,000 CFM air flow rate
- Reduced initial investment in HVAC systems
- Allows downsizing of compressors, condensers



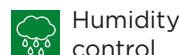
Air Conditioning



Ventilation and filtration



Heat



Humidity control



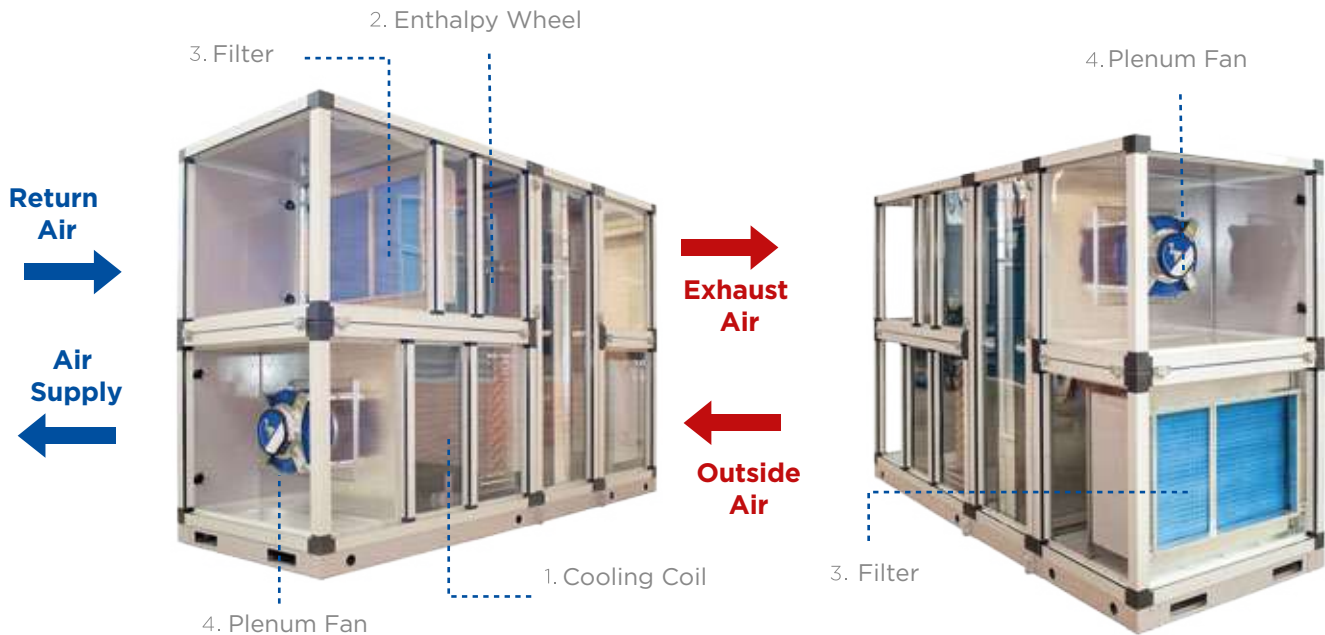
**TECAM**  
Environmental Technology

AHU	ENTHALPY WHEEL (ECW)			EFFICIENCY (%) *
	MAXIMUM AHU SIZE (DIAM X WIDTH) (IN.)			
3ADBT 03	28 x 4	-	-	67.1
3ADBT 06	32 x 4	-	-	60.0
3ADBT 09	42 x 4	-	-	60.5
3ADBT 13	54 x 4	60 x 6	-	71.1
3ADBT 15	60 x 4	60 x 6	-	69.6
3ADBT 17	66 x 4	72 x 6	-	74.1
3ADBT 21	72 x 4	72 x 6	-	70.2
3ADBT 26	84 x 4	84 x 6	-	71.7
3ADBT 32	84 x 4	84 x 6	-	65.6
3ADBT 36	84 x 4	102 x 6	-	71.6
3ADBT 39	84 x 4	120 x 6	-	74.4
3ADBT 48	-	120 x 6	120 x 12	69.9
3ADBT 57	-	132 x 6	132 x 12	70.4

\* Outside Air: Tdb=95°F (35°C), RH=40%.

Return Air: Tdb=75.2°F (24°C), RH=50%.

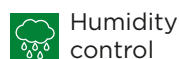
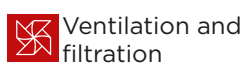
## CONFIGURATION



[www.tecam-sa.com](http://www.tecam-sa.com)

**CALI:** CEL. 316 833 2972 / 318 366 2174 / 316 471 9755  
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**BARRANQUILLA:** CEL. 316 834 6027 / 318 358 7002  
**MEDELLÍN:** CEL. 318 366 2444 / 318 366 2168

**GUAYAQUIL, ECUADOR:**  
 TEL. (593) 099 287 1409 / 099 304 8253 CEL. (57) 316 833 2981  
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ENERGY SAVING AND PRESERVATION - TECAM GUARANTEE AND SUPPORT - QUICKEST DELIVERY TIMES