

PRODUCT SPECS

AIR HANDLER UNIT

25T AHU

For Climate Control applications: Cooling, Heating and Drying

FEATURES

- Ideal for year-round climate control applications such as cooling, heating and drying.
- The compact and mobile design with 8" casters allows the air handler to be moved through a 36" doorway to be positioned where required on the job site.
- The fans operate on two 120 Volt 20 amp circuits, allowing the air handler to be used anywhere there is electricity.
- Can be paired with two 20" ducts to move air into remote locations.
- High volume air flow ensures there is even air temperature throughout the structure
- User-friendly, thermostatic and speed controls to maintain desired conditions and maximize efficiency. Optional humidistat available, if required.
- Integrated condensate pump for automatic collection and removal of condensate from the air handler.
- Integrated tie-downs and stackable design for static storage.

Cooling

- Connect several air handlers to a chiller to achieve your cooling needs.
- The air handler is designed with an oversize coil to maximize efficiency. Cooling targets are achieved with less water and air flow per ton of cooling.
- The oversize coil is only three cores thick which minimizes the air pressure drop across the coil to maximize fan output.

Heating

- When winter comes, the hydronic air handler delivers clean, low humidity air. With a DryAir hydronic heating system, energy costs are minimized as warm inside air is re-heated, rather than heating cold outside air, like other systems.

Drying

- When drying, the low humidity environment produced by the air handler saves time and money for contractors with jobs such as: interior drywall, paint and coatings.



**25 TONS
OF COOLING**

**600,000 BTU
OF HEAT**



400 Service Road, St. Brieux, SK, S0K 3V0, Canada

1-888-750-1700 | WWW.DRYAIR.CA

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AIR HANDLER UNIT

25T AHU *cont'd*

SPECIFICATIONS

Construction	Stainless steel
Blower	Motorized impeller
Motor	1 hp, variable speed
Electrical	120 V, single phase, 60 Hz, 20 A
Weight	755 lbs (343 kg)
Dimensions	68" L x 33" W x 67" H
Controls	Thermostatic and fan speed
Filters	

Fluid Circulation Features:

Coil

Physical Properties

- 3 row copper tube, aluminum fin

Cooling Output Tons

based on 45°F (7°C) supply fluid and 95°F (35°C) ambient air

- 25 tons output (29 tons peak output)

Heating Output Btu

based on 200°F (93°C) supply fluid and 32°F (0°C) ambient air

- 512,418 Btu/h
- 30 gpm fluid flow

Circulation

- Single supply and return - 2" kamlok

Condensate Pump

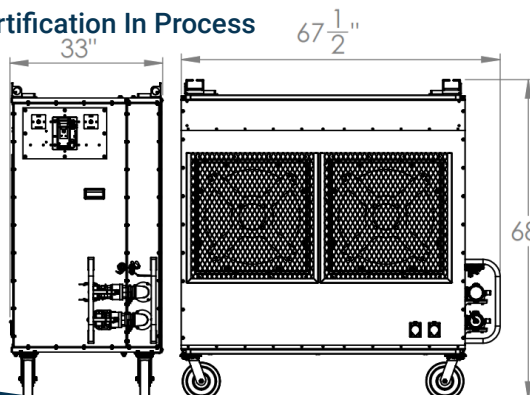
- ¾" drain hose connection

Optional:

Humidistat

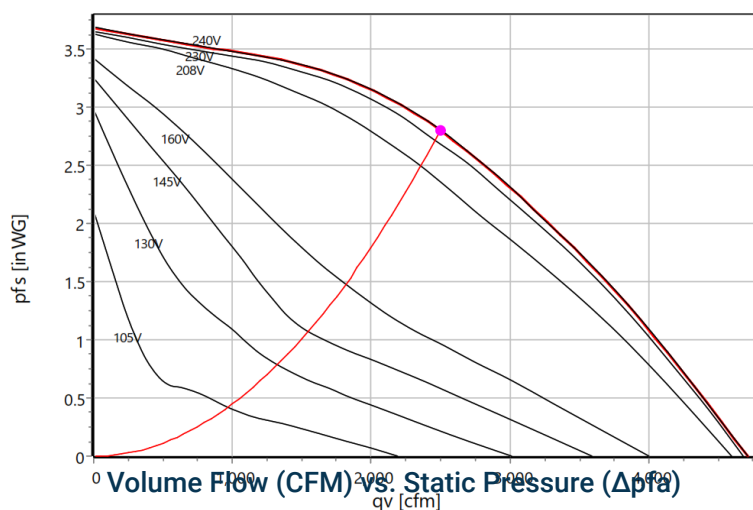
Certification:

TÜV SÜD Certification In Process



CFM	4,600 ft³
FPM	327 ft
EDB/EWB	95.0°F/80.0°F
LDB/LWB	60.7°F/60.4°F
MBH Total	347.7 MBTU
MBH Sens.	176.5 MBTU
No. Rows/Fins	3/10
EWT	45.0°F
LWT	55.0°F
GPM	70.0 gal

FAN PERFORMANCE



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