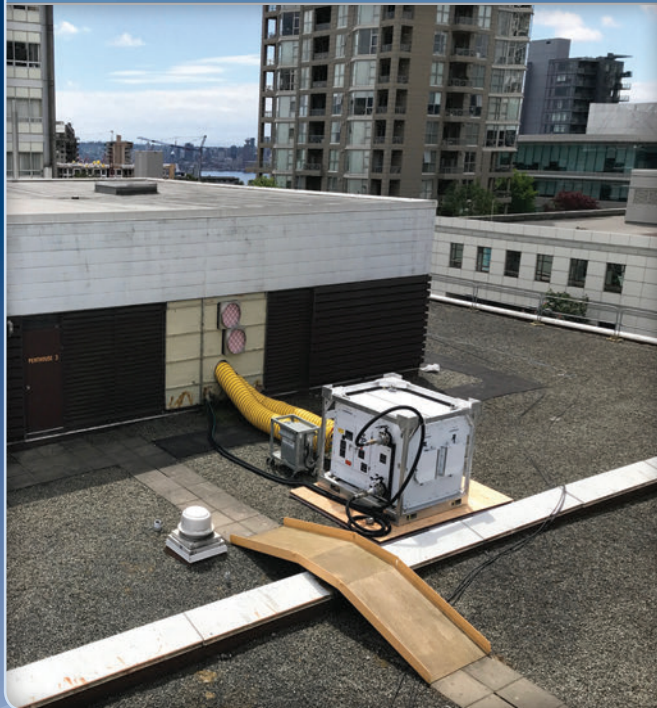




# COOL AIR™ RENTALS LTD

## AIR HANDLING UNIT

50 Ton



These large air handling units move piles of air, and they run quietly enough to not interrupt your operations or neighbours in the vicinity. These units are weatherproof and can operate as a single unit, or extended with additional air handling units for large scale cooling jobs.

### Features:

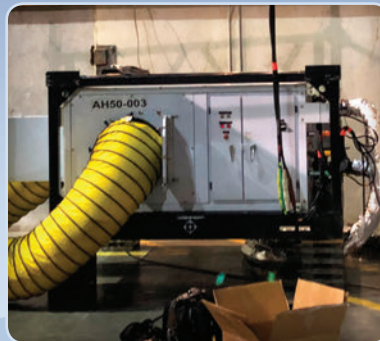
- Can be matched with one of our portable chillers for the convenient delivery of conditioned air.
- Easily tied into an existing chilled loop system.
- Positioning is simple; forklift or crane into place.
- Requires 460 or 208-volt, three phase power.

### Applications:

- Oil & Gas
- Manufacturing
- Film Studios
- Large Commercial Buildings



This 50-ton air handling unit provided temporary cooling for the radiology department at a local hospital. The unit was hoisted onto the rooftop, while they replaced their cooling coils. Once the changeout was complete, and they finished commissioning and testing, we removed our equipment and the site was returned to normal.



This production utilizes water tanks for filming underwater scenes. The water is heated to 90 °F, so the cast and diving crew can remain in the water for extended periods of time. These elevated water temperatures result in evaporation, which adds a pile of humidity and heat to the air inside the studio. Managing the cooling and humidity in the space is mandatory.



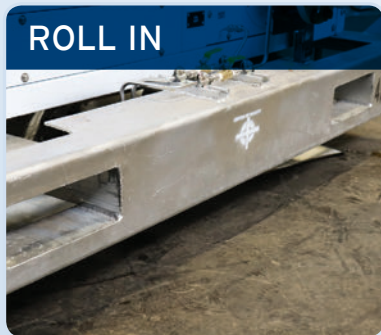
This food manufacturer was expanding quickly and to keep up with consumer demand, they needed to install more ovens. This added heat load inside their plant made the workers uncomfortable and impacted the quality of their product. We paired a 60-ton chiller and 50-ton air handling unit outside their overhead door. This powerful combination pulled the hot air from the manufacturing facility outside, while returning cool, fresh air into the facility.

REAL COOL. REAL FAST.

# AIR HANDLING UNIT

## 50 Ton (AHU050)

COOLING		PHYSICAL	
Capacity (Btu)	600,000	Controls	Local ON/OFF, Remote
Capacity (Ton)	50	Evaporator Air Flow w/100% OA	Max 7,700 CFM (no duct on return)
Area	Approx. 20,000 ft <sup>2</sup>	Max. Rated Static Pressure	6.6"
ELECTRICAL		Supply Air Duct	2 x 20" up to 100'
Voltage (VAC)	208	Return Air Duct	2 x 20"
Phase	3	Condensation Collection	Gravity
Breaker Size (A)		Filter Type - Evaporator	2" Box Style, Red Excell MERV8
Current Draw (FLA)		Filter Size	4@ 24"x24"x2"
Plug	Cam-Lok	Opt. Filter Evaporator	White Polyester
Power Cord Length	Male Cam-Lok Inlets	Filter Size	4@ 24"x24"x1"
Power Cord Wire Size	#2 Cway or Convertible to 2/4 Cab Tire	Supply Water Control	4" Female Camlock w/ Butterfly Valves
		Return Water Control	4" Male Camlock w/ Butterfly Valves
		Caster Type	Optional 6"
		Dimensions - W	76" 193 cm
		Dimensions - D	84" 213 cm
		Dimensions - H	72.25" 184 cm
		Weight	4000 lbs 1815 kg
		Forklift Pockets	4"x10" 10x26cm



### ROLL IN

These air handling units can be forklifted or craned into position.



### PLUG IN

4" chiller hose ties easily into our air handling unit and just as simply can tie into your building loop, or one of our portable chillers.



### TURN ON

Simple selector knobs and indicator lights ensure straight forward operation and monitoring.

We also rent portable air conditioning units, fans, air movers, and industrial strength heating units. Visit [www.cool-air.com](http://www.cool-air.com) for our full line of rental equipment.

#### Vancouver

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Vancouver BC  
604.253.4171

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3816 56 Ave. NW  
Edmonton AB  
780.729.1685

#### Calgary

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