

CONSTRUCTION SOLUTIONS



HEATING, COOLING & POWER

NATIONAL EMERGENCY 24/7 SERVICE

RENTAL & SALES

(877) 457-9400

www.unitedmhc.com

ANY PROJECT - ANY SIZE - ANYWHERE



RENTAL HEATERS

Direct Fired – Make Up Air

- 400,000 to 4,500,000 Btu/H
- Natural gas or propane
- Voltages:
- Wheeled & skid-mounted units
- Fuel saving, modulating burners
- Remote thermostats
- High powered fans



Direct Fired – Recirculating

- 80,000 to 1,500,000 Btu/H
- Natural gas or propane
- Voltages: 115/1/60
- Lightweight, on wheels
- Remote thermostats



Indirect Fired

- 450,000 to 1,000,000 Btu/H
- Natural gas, propane, kerosene, #1 oil
- Voltages: 115/1/60 & 230/1/60
- Wheeled & skid-mounted units
- Rugged construction



Electric

- 15 to 360kW
- Voltages: 230/3/60 & 460/3/60
- Lightweight, wheeled units
- Heavy duty, skid-mounted units



Air Handlers - Hot Water/Steam

- 6,000 to 10,000 CFM
- Voltages: 230/1/60, 230/3/60 & 460/3/60
- Rugged units, on wheels.
- Compact design, fits through most doors
- Larger systems available



MAKE-UP VS RECIRCULATING HEATERS

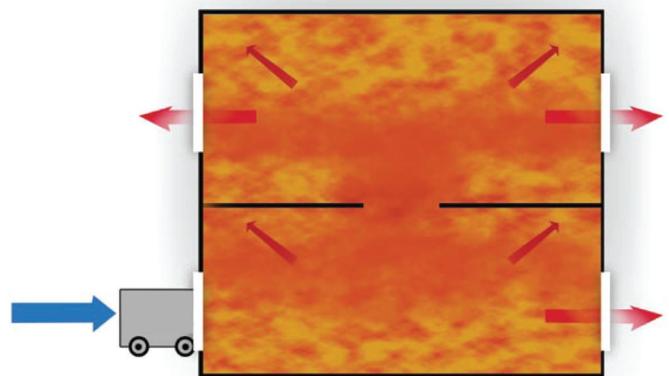
Make-Up Air Heaters

Make up air heaters are the optimum choice for heating large spaces in buildings under construction.

Benefits include:

1. Significant fuel savings realized due to infinitely modulating burners and less cold air infiltration due to pressurization of space.
2. By drawing in 100% outside air, you avoid using air within the space for the combustion process. No longer will construction media or vapors released within your project be burned through the heater. Poor quality air is replaced with warm, fresh air, providing a controlled ventilation rate.
3. Moisture is absorbed by the warm air and vacates the building due to calculated air change rates, minimizing surface condensation within the building.
4. Safer, non-exposed flame construction.
5. Remote thermostats allow for precise control of temperature.
6. Even distribution of warm, fresh air due to a high CFM blower. Hot spots and temperature stratification are minimized.

Positive Pressure Design



Recirculating Heaters

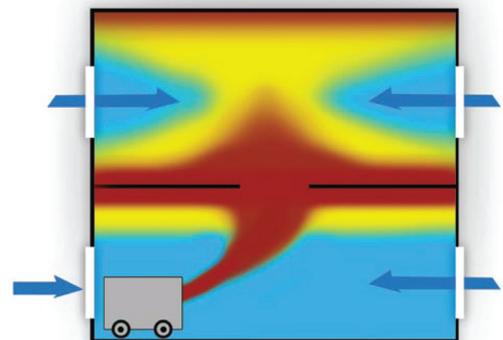
Recirculating heaters have a high temperature discharge, making them better suited for concrete curing, masonry work, pulling frost, spot heating, or when a highly mobile heater is required.

Benefits include:

1. High discharge temperatures.
2. 115-volt operation.
3. Highly mobile.
4. Thermostatically controlled.

Note: Although recirculating heaters have their own benefits, make-up air heaters are better suited for heating large indoor spaces. Proper equipment selection could help you avoid excess fuel consumption, a damp environment, hot and cold spots, and poor indoor air quality.

Negative Pressure Design



Rental Dehumidifiers

- Desiccant & Refrigerant
- 100 to 20,000 CFM
- Voltages: 115/1/60, 230/1/60, 230/3/60 & 460/3/60
- Wheeled & skid-mounted units
- Desiccant reactivation:
 - Natural gas
 - Propane
 - Electric



Rental Air Conditioners

- 1 to 80 Tons
- Reheat available.
- Voltages: 115/1/60, 230/1/60, 230/3/60 & 460/3/60
- Wheeled & skid-mounted units
- Remote thermostats
- High static & high ΔT units.



Rental Solutions for Building Commissioning and Beyond

United MHC offers temporary cooling, heating, dehumidification and power equipment for the complete life cycle of a building. Once the construction phase nears completion, United MHC can provide rental chillers, cooling towers, air handlers, boilers and

generators, in case new equipment arrival is delayed or if start-up problems are encountered with permanent systems. Once a building is occupied, United MHC stands ready to rescue building owners from HVAC equipment failures or during times of replacement.



Chillers



Cooling Towers



Air Handlers



Boilers



Generators