

Portable Heaters



Make and models shown in this brochure may vary, please call your nearest United Rentals for availability.

Portable Heaters

Safe • Efficient • Economical

Portable heaters provide a measure of comfort for your workers and your pocketbook by keeping projects on schedule and on budget during the winter months.

United Rentals has a large selection of portable heat to fit your specific needs no matter what size the project. Call your local United Rentals for expert help in choosing the portable heating system that's right for your project.

Available For
RENT or SALE

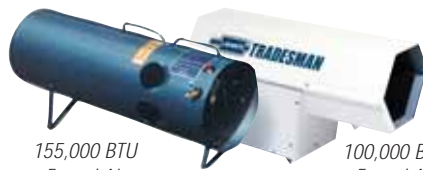
Kerosene / #1 Fuel Oil Heaters

Model Number	K70	B150	B350	B600
BTU Capacity	70,000	150,000	350,000	600,000
Air Flow	250 cfm	500 cfm	1350 cfm	3300 cfm
Heating Area*	1150 sq ft	3500 sq ft	8225 sq ft	14,100 sq ft
Fuel Capacity	5 gal	13.5 gal	30 gal	36 gal
Operating Time	9.6 hrs	12.2 hrs	12 hrs	9 hrs
HxDxL (inches)	14 x 12 x 30	26 x 20 x 38	31 x 30 x 56	42 x 30 x 76
Weight	32 lb	56 lb	180 lb	285 lb
A.R.L. Certified	Yes	Yes	Yes	Yes
Cat Class	250-3490	250-3500	250-3525	250-3490



24,000 BTU
Propane
Infrared

Available For
RENT or SALE



155,000 BTU
Forced Air

100,000 BTU
Forced Air



90,000 BTU
Radiant



250,000 BTU
Convection

LP & NG Heaters

Model Number	HD24	HT90	HT200	CP100	S150	CP400	100P	250P
Type	Infrared	Radiant	Radiant	Forced Air	Forced Air	Forced Air	Convection	Convection
BTU Capacity	24,000	90,000	200,000	100,000	150,000	400,000	100,000	250,000
Air Flow CFM	n/a	n/a	n/a	370	1500	1500	n/a	n/a
Heating Area*	565 sq ft			2350 sq ft		8800 sq ft	1850 sq ft	4750 sq ft
Propane Consumption	1.1 lb/hr			4.6 lb/hr	6.9 lb/hr	18.5 lb/hr	3.7 lb/hr	9.3 lb/hr
HxDxL (inches)	20 x 9 x 16	36 x 24	44 x 31	17 x 9 x 26	18 x 14 x 37	20 x 15 x 35	20 x 15 x 16	30 x 15 x 16
Weight	6 lb	36 lb	60 lb	24 lb	32 lb	52 lb	13 lb	16 lb
Cat Class	250-2525	250-3250	250-3265	250-3000	250-3025	250-3100	250-2400	250-3060

*Based on 40°F heat rise and 8 ft. ceiling.



Bottled Propane

Clean Efficient Fuel for Heaters & Forklifts

United Rentals branches carry propane bottles from 20 to 100 lbs. Not available at all locations. Please call for delivery options and availability.

**PROPANE
FOR SALE**

If You Don't See It, Call Us. We Have What You Want! • Contact Your Local Branch For Current Rates



Dual Fuel Temporary Heaters



Heat Wagon Indirect Fired Heaters

Zero moisture, zero carbon monoxide (when properly ducted), zero open flame – only 100% clean, dry, heated air. Sealed heat exchanger provides indirect fired heating. When placed within the space to be heated these heaters can save up to 50% on fuel expense by recirculating/heating the already warmed air. Flue gases must be ducted outdoors. They can also be positioned externally with heat ducted to the work area. Features: safe fuel shutdown if combustion air is interrupted; low housing temperature; auto thermostat; safe monitoring of combustion.

400,000 BTU Cat Class: 250-2475

1,000,000 BTU Cat Class: 250-3133



Heat Wagon 1801

150,000 to 750,000 BTU

Can be changed from vapor propane to natural gas with the turn of a lever. Thermostat auto cycles on/off with 5 second delay in shutdown. ANSI standard Z83.7 rating. AGA certified.

Cat Class: 250-3120

Frost Fighter OHV 350



Frost Fighter 350,000 BTU OHV 350 Indirect Fired Heater

When properly ducted you get only 100% clean, dry, heated air. Sealed heat exchanger provides indirect fired heating. Flue gases must be ducted outdoors. The OHV 350 can also be positioned externally with heat ducted to the work area. Great for accelerated drying and curing applications. Available only at United Rentals branches in Canada.

Cat Class: 250-3486

Sure Flame S1505's stacked.



Sure Flame S1505 800,000 to 1,500,000 BTU

120 volt powered. Features immediate changeover from propane to natural gas. Includes direct spark ignition for dependable start-up, and air sensing switch for safe shutdown if airflow becomes blocked. Built-in thermostat can cycle the heater from high to low fire and high to off, saving you on fuel and electricity. Automatically restarts when temperature drops. AGA certified.

Cat Class: 250-3125



Flagro Heaters 400,000 to 1,500,000 BTU

Electronic direct spark ignition control with 100% flame safe-guard. Easy placement. Rugged steel frames. Uses low pressure natural gas or propane. Available only at United Rentals branches in Canada. cULus Listed.

400,000 BTU Cat Class: 250-3100

1,000,000 BTU Cat Class: 250-3123

1,500,00 BTU Cat Class: 250-3125



Heat Wagon 2730 500,000 – 2,000,000 BTU

Completely automatic operation. Adjustable gas valve and pressure gauge allow you to vary the heat output to changing weather conditions. Propane units include vaporizing coil for use in the very coldest weather.

Cat Class: 250-5850

See Natural Gas Pipe Flow Capacity Chart on page 124

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Fast Heat Facts

Air Fan & Heat Facts

To Help You On The Job!

- **Hot air evaporates water.** Dry out that damp area with a fan. Keep the air-flow moving in one direction. Open a window or a door and direct the hot air outdoors. This will decrease condensation on walls and windows.
- **Hot air rises!** Save on heat bills by circulating that air.
- **Clean air for personnel:** Keep the air-flow in one direction so dust impurities and vapors flow away from working personnel, also it will save a clean-up job later.
- **Dust control:** Close off non working areas, put a fan in a window or a doorway and keep air moving to the outside.
- **If all else fails:** Let Mother Nature do the work; keep hot air passing through a cooler (damp) area to help evaporate moisture.
- **Push or pull fish line** thru a conduit with a vacuum.
- **Did you know:** The suction area of an air system must be larger than the exhaust area.
- **To keep outside dust and dirt from entering:** Keep inside static pressure higher than the outside.
- **Keep air filters clean** to save extra work on motors and pulley drives. Air conditioners will freeze up if filters are dirty.

Heating Circulation Chart

Thousands of cu. ft. to be Heated	Thousands of BTU per hr. required to raise room temp number of degrees shown				
	10°	20°	30°	40°	50°
5	7	14	21	28	35
10	14	28	42	56	70
20	28	56	84	112	140
30	42	84	126	168	210
40	56	112	168	214	280
50	70	140	210	280	350
60	84	168	252	336	420
70	98	196	294	392	490
80	112	224	336	448	560
90	126	252	378	504	630
100	140	280	420	560	700
200	280	560	840	1120	1400
300	420	840	1260	1680	2100
400	560	1120	1680	2240	2800

Natural Gas Pipe Capacity in Cubic Feet Per Hour

CHART #1 Capacity of pipe at less than 1.0 psig inlet pressure in cubic feet of gas per hour. 1 cu. ft. of natural gas = 1000 BTU.
IPS, nom., (Based on a pressure drop of 0.5 in. WC and 0.6 sp gr gas in schedule 40 pipe)

inches	Equivalent Pipe Length Feet									
	50	100	150	200	250	300	400	500	1000	1500
1	244	173	141	122	109	99	86	77	54	44
1-1/4	537	380	310	268	240	219	189	169	119	97
1-1/2	832	588	480	416	372	339	294	263	185	151
2	1680	1188	970	840	751	685	594	531	375	306
2-1/2	2754	1952	1591	1379	1232	1123	974	869	617	504
3	5018	3549	2896	2509	2244	2047	1774	1587	1121	915
4	10,510	7410	6020	5170	4640	4480	3660	3340	2360	1910
5	19,110	13,480	10,960	9410	8440	8150	6660	6070	4290	3480
6	31,140	21,960	17,860	15,320	13,760	13,280	10,860	9890	7000	5670

CHART #2 Capacity of pipe at 1.0 psig inlet pressure in cubic feet of gas per hour. 1 cu. ft. of natural gas = 1000 BTU.
IPS, nom., (Based on a pressure drop of 0.5 in. WC and 0.6 sp gr gas in schedule 40 pipe)

inches	Equivalent Pipe Length Feet									
	50	100	150	200	300	400	500	1000	1500	
1	740	520	430	370	300	260	230	170	130	
1-1/4	1540	1090	890	760	630	540	490	350	280	
1-1/2	2330	1650	1350	1160	960	830	740	530	420	
2	4550	3210	2640	2260	1870	1610	1440	1040	830	
2-1/2	7370	5180	4250	3650	3020	2600	2320	1690	1340	
3	13,100	9260	7600	6520	5400	4660	4160	3020	2400	
3-1/2	19,320	13,650	11,120	9610	7960	6870	6130	4450	3540	
4	26,980	19,070	15,650	13,430	11,120	9560	8560	6220	4940	
5	49,340	34,870	28,620	24,550	20,330	17,550	15,660	11,370	9030	
6	80,560	56,940	46,740	40,909	33,210	28,650	25,580	18,570	14760	

If You Don't See It, Call Us. We Have What You Want! • Contact Your Local Branch For Current Rates



Dryair Portable Heat System

Water Heater & Heat Exchanger System

1,200,000 BTU Output • NG, Propane or Diesel Fuel

The versatility of the DRYAIR system allows you to individualize each project's heating approach. The water heater cabinet can be positioned anywhere on site. Utilizing natural gas, propane or oil, only one hook-up is required. From this central location, fluid circulation can deliver heat up to a distance of 400 feet or more.

DRYAIR's automatic temperature control and "no flame" heat exchangers cut down on daily supervision and are a real plus for overnight and weekend work breaks. Each heat exchanger can be thermostatically controlled to provide individual area heat control. Heat is delivered when and where required. The portable heat exchangers make this as simple as rolling the unit to a new location and re-attaching the circulation lines and electrical.

Unlike direct flame burners, the DRYAIR does not produce moisture or noxious fumes, thereby all but eliminating the need for supplemental ventilation. A building can typically be heated with half the BTU capacity which results in substantial energy savings. With no noxious fumes being introduced to the work site a better working environment is assured leading to improved worker productivity. Also suitable for emergency heat and special events.

Excess moisture can have a detrimental effect on millwork, wood, drywall and concrete structures. Lower moisture from the DRYAIR system means quicker drying of drywall, paint and stucco. Quicker and more uniform curing of concrete (no dusting).

Completely eliminate the risk of fire or explosion inside the work site caused by the operation of an open flame system. The DRYAIR system operates with high air flow (2500 cfm) and relatively low temperatures (110-150°F) well below combustion

Central Heating Unit: 250-6905 • 600k Heat Exchanger: 250-6960 • 200k Heat Exchanger: 250-6955 • 80k Heat Exchanger: 250-6950



DRYAIR water heater cabinet with fork pockets. Highway trailer mount also available.



DRYAIR heat exchanger units.



Water distribution manifold.

levels! The water heater, which is the only fuel burning appliance, is located away from the work site in its own enclosure. The fluid distribution system is a low pressure atmospherically vented system. There is no chance of an explosion or line burst due to pressure build-up. No special boiler certification is required to operate the system. Please call today to reserve your system now!

Ground Thawing & Concrete Curing



A ground heater will thaw frozen ground or pre-heat concrete forms to keep construction moving during cold winter months.

E3000 Ground Heaters

K-1 Kerosene or Diesel Fueled • Highway Legal Trailer Mount

Did you know that with a Ground Heater you can pour and cure concrete all winter long? Avoid frost heavings, frozen concrete, and lost construction time due to cold weather by renting ground heaters from United Rentals.

The Ground Heater E3000 puts out 360,000 BTU's per hour and operates on K-1 kerosene or diesel fuel. It can thaw an area of up to 6,000 sq. ft. to the depth of 1 ft. per day.

The flexible heat transfer hoses conform to the shape at hand. Whether pre-heating the ground, concrete forms or heating newly placed concrete, footings, trenches, walls or columns, ground heaters are what you need to keep construction moving all winter.

Model Number	E3000
Ground Thaw Capacity	6000 sq ft
Concrete Cure Capacity	12,000 sq ft
Heater Capacity BTU/hr	360,000
Field Hose	2-1500 ft lengths
Run Time	140 hours
Fuel Tank	220 gal
Elec. Requirement	2-20 amp circuits
Cat Class	250-6815

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Portable Cooling Units



United Rentals Port-A-Cool® PAC2K evaporative cooling units deliver up to 9,600 CFM of air flow. Single and three speed models are available.



Portable Evaporative Cooling Units

Energy Efficient • Environmentally Friendly

In areas where traditional air-conditioning is unavailable, impractical or cost prohibitive, Port-A-Cool® units solve the cooling challenge. These units lower the temperature of the ambient air processed by the unit an average of 18 degrees. As today's most advanced, portable evaporative cooling system, Port-A-Cool® units operate for literally pennies a day with only tap water and an electrical power source. Better than a fan because it distributes cooler air instead of just circulating hot air. Being completely portable, they can be moved to the desired area easily or ducting can deliver the airflow from a stationary position.

These units are easy to operate. Use a regular garden hose to fill the water tank, plug in the unit and begin to feel the difference immediately. Heat exchange takes place as air moves across the cooling pad causing water to evaporate off the pad thus removing heat from the air. No noxious fumes are produced, in fact some impurities are actually removed from the air.

You've seen them on the sidelines at football and baseball games, but did you know they are also used on construction sites, in stables, greenhouses, kennels, loading docks, warehouses, welding and mechanics shops? Port-A-Cool® units are available in many configurations to fit almost any cooling need! ETL and U.L. listed.



PAC2K36EP 36 in., three speed, hazardous location evaporative cooling unit (in red) and the PAC2K243S 24 in. three speed (in black).

Model Number	PAC2K243S	PAC2K361S	PAC2K363S	PAC2K36EP
Speeds	3	1	3	1
Air Delivery	2400/3300/5000 cfm	9600 cfm	4800/6600/9600 cfm	9600 cfm
Cooling Capacity	1500 sq ft	2500 sq ft	2500 sq ft	2500 sq ft
Dimensions HxWxD (inches)	53 x 50 x 25	67 x 62 x 32	67 x 62 x 3	67 x 62 x 3
Water Reservoir	14 gal	20 gal	20 gal	20 gal
Fan Motor	1/2 hp / 115v / 7amp	1/2 hp / 115v / 7amp	1/2 hp / 115v / 7amp	1/2 hp / 110v/220v
Pump	1/25 hp / 115v / 0.9amp	1/25 hp / 115v / 0.9amp	1/25 hp / 115v / 0.9amp	1/4 hp / 110v/220v
Weight	170 lb	230 lb	240 lb	300 lb
Cat Class	250-2210	250-2160/2210	250-2160/2210	250-2160/2210

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12" Ventilators

Ventilate confined spaces. The Vortex uses an axial fan blade to pull musty air out or propel fresh air into inaccessible areas. It's also an ideal choice for drying large open areas like gyms, concrete pads, hallways, etc. Weight: 35 lbs. Single speed, 1 hp motor, 7.4 amps. Four operating positions, stackable. Ducting rented separately. **Cat Class: 250-1050**



Dri-Eaz 2400 & 1200 dehumidifiers.

8" Blowers

Ideal for supplying fresh air and removing toxic or noxious atmospheres. Proper ventilation increases safety and worker productivity. EP8 electric model is single speed, delivers 1277 cfm and requires 4.2 amps at 115V. The GP8 gas model has adjustable fan speed and delivers up to 1561 cfm. Both models are 8 in. diameter. Optional ducting is available.

Cat Class: 250-1000 Electric
Cat Class: 250-1100 Gas



GP8 gas

Portable Fans

United Rentals has a variety of electric pedestal and swivel fans from 24 to 48 in.

30 in. Pedestal Fan
Cat Class: 250-2130
36 in. Floor Fan
Cat Class: 250-2170
48 in. Swivel Floor Fan
Cat Class: 250-2200



Dehumidifiers

Without proper dehumidification, airmovers would continually circulate evaporated moisture and cause secondary damage. Dri-Eaz® dehumidifiers are finely tuned restoration machines that remove water vapor from the air and surrounding structural materials. Dri-Eaz® dehumidifiers are designed to deliver maximum water removal performance and remain extremely portable.

DrizAir® 2400 Refrigerant Dehumidifier

For maximum water removal on commercial and residential water damage restoration, the DrizAir 2400 stands alone. It removes volumes of water across a variety of drying conditions. As a low grain refrigerant dehumidifier, the 2400 excels in environments with low specific humidity. You can start and finish the entire job with a DrizAir 2400.

- Removes up to 30 gallons a day
 - Low grain refrigerant with patented heat pipe technology
 - Rugged rotomolded housing
 - Intelligent touch-pad controls
 - Hot-gas bypass for fast defrost
 - Dual handles and semi-pneumatic wheels
 - Weight: 162 lbs.
- Cat Class: 250-2280**

DrizAir® 1200 Refrigerant Dehumidifier

The DrizAir 1200 dehumidifier has all the convenient features of its larger cousins in a compact and extremely portable size. A proven favorite of water damage restoration professionals!

- Removes up to 15 gallons a day
 - Super convenient size
 - Hot-gas bypass for fast defrost
 - Rugged rotomolded housing
 - Electronic touch-pad controls
 - Telescoping handle and semi-pneumatic wheels
 - Weight: 80 lbs.
- Cat Class: 250-2250**



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