

L.B.WHITE®



Event Heating & Cooling *Solutions*

Products within brochure are subject to the following warning for CA residents:

WARNING
Cancer and reproductive harm. See www.P65Warnings.ca.gov.

LBWhite.com/event

The L.B. White Difference

A Tradition of Quality

For over 70 years L.B. White has been America's leading portable heat designer. With Midwestern manufacturing expertise we stand behind our craftsmanship, too—products are backed with a limited warranty.

Built to Last

L.B. White products are engineered to holdup to years of use. Robust materials and careful workmanship combine in heavy-duty features, like:

- Fully welded heat exchangers
- Powder coated protective frames
- Tri-shield™ coated cases

Trusted Brand

Voted best heating & cooling supplier by inTents magazine readers in the event and tent industry for four years running.



Step 1

Measure the length, width and height of the interior of the tent space.

Multiply space length x width x height to determine total cubic feet.

Example:

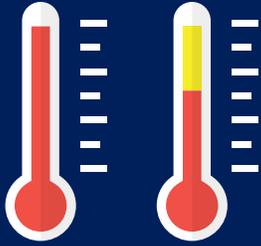
$$35 \times 20 \times 75 = 52,500 \text{ cu ft}$$



How much heat do I need?

Step 2

Determine desired rise in temperature.



Desired Temp
in Space:
70° F

Estimated Temp
in Space:
50° F

Example:

Space is 50°F, desired temperature is 70°F
 $70^{\circ}\text{F} - 50^{\circ}\text{F} = 20^{\circ}\text{F}$ rise in temperature

Desired Rise in Temp: 20° F

Step 3: Estimate

Use our BTU chart or app
to estimate BTU/hr needed.
See chart on back page.

Need to estimate heat on-the-go?

It's easy and free to use our heat estimator as an app on your mobile device. Share at not cost with your entire team!

Check out our quick heat estimator at www.LBWhite.com/HeatEstimator.



Scan the QR code with your smartphone's camera for instructions on how to download the L.B. White Heat Estimator App



20 ft

An average height better represents the actual need for heat in a space that is not square.

For example:
30 ft tent peak and
10 ft side walls =
20 ft average height

75 ft

L.B. WHITE

Heater Estimator

This tool assumes there is no insulation present. If insulation is present, fewer heaters may be required. To determine BTU/hr heater requirements...

Room Measurements

Find Cubic Measurements of Area by Entering Room Measurements in

Feet

Height: ft

Width: ft

Length: ft

Cubic Feet of the Area: 100,000

Premier® Heaters



The original tent heater

For over 25 years the clean look, quiet operation, and safe, trouble-free design of Premier® heaters have been an industry favorite for heating events. From elegant weddings to company parties, you can count on Premier® heaters to maintain a comfortable temperature while going virtually unnoticed by guests.

Reliable

Over the years Premier® heaters have become an event industry favorite for being notoriously easy to setup, operate, and maintain. Set it and forget it during the event.

Clean Look

A proprietary Tri-shield™ coated white case makes Premier® heaters rust resistant, easy to clean, and a color that blends in with many tent structures.

Quiet Operation

Premier® heaters operate at a noise level of less than 70 Db, which is no louder than average noise in an office, so go virtually unnoticed by guests.

Versatile Set-Up

- Rated for indoor and outdoor use—direct fired so does not require 1 sq. inch of exchange air for every 1000 BTU of heater output
- Duct and diffusing options allow heated air to be distributed inside the tent with Premier setup outside
- Distribute heat from Premier 350 inside the tent, too, with perforated duct option



Thermostatic Control Convenience

Every Premier® heater is shipped with a thermostat that allows the environmental temperature to be selected and maintained automatically when in operation. Use with an extension cord of your choice to setup and use remotely as well.



Fast Magnetic Connection

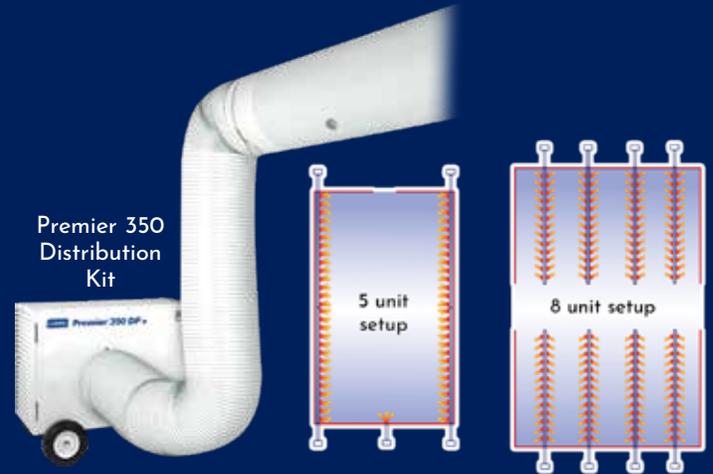
Ducting and unit diffusers connect magnetically for an easy, clean connection*. No pins or screws.



One Person Portable

From handles to wheel features, every Premier model is carefully designed to move about the event site or to the next rental location with ease.

*Magnetic duct adapters and unit diffusers compatible with all model designs. Premier 80 2.0 compatible with 2.0 unit diffuser only.



RUNS ON
A 20 LB
PROPANE
TANK



PREMIER®	40	80 _{2.0}	170 _{2.0}	350 DF _{2.0}
BTU/HR Rating	40,000	80,000	170,000	350,000
Certified for use in U.S. & CAN	Yes	Yes	Yes	Yes
Running Decibels	62	70	70	72
Fuel Type	LP Gas	LP Gas or Dual Fuel (LP-NG)	LP Gas or Dual Fuel (LP-NG)	Dual Fuel (LP-NG)
Minimum LP Gas Tank Size	20 lbs	2 x 40 lbs	100 lbs	500 gal
Power Requirements (Run Amps)	1	1.5	5	11
Size L x W x H (in)	24.8 x 14.5 x 16.2	28 x 13.5 x 22.75	32.3 x 24.3 x 32	48.3 x 28 x 41
Standard Accessories (Ship with Unit)	Hose Regulator Thermostat	Hose Regulator Thermostat	Hose Regulator Thermostat	Hose Regulator Thermostat
Optional Accessories for Air Distribution (Order Separately)	8" Unit Diffuser 8" x 12' Duct Kit 8" End Diffuser	12" Unit Diffuser 12" x 12' Duct Kit 12" End Diffuser	18" x 12' Duct Kit 18" End Diffuser	

Foreman® Heaters



Indirect-fired heat technology is a solution when heated air that has not come in contact with the process of combustion is preferred or required, like:

- Tightly sealed temporary spaces like three season porches
- Clear span style structures that may not provide adequate exchange air
- Medical and specialty applications with strict air quality standards

Quiet Operation

Foreman® heaters operate at a noise level of less than 70 Db, which is no louder than average noise in an office, so go virtually unnoticed by guests.

Clean Look

A proprietary Tri-shield™ coated white case makes Foreman® heaters rust resistant, easy to clean, and a color that blends in with many tent structures.

Versatile Set-Up

- Rated for indoor and outdoor use
- Duct and diffusing options allow heated air to be distributed inside the tent with Foreman® setup outside
- Diesel operated models offer onboard fuel convenience that provide 7 to 19 hours of continuous runtime



Thermostatic Control Convenience

Every Foreman® heater can operate with a thermostat that allows the environmental temperature to be selected and maintained automatically when in operation. Use with an extension cord of your choice to setup and use remotely as well.



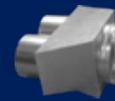
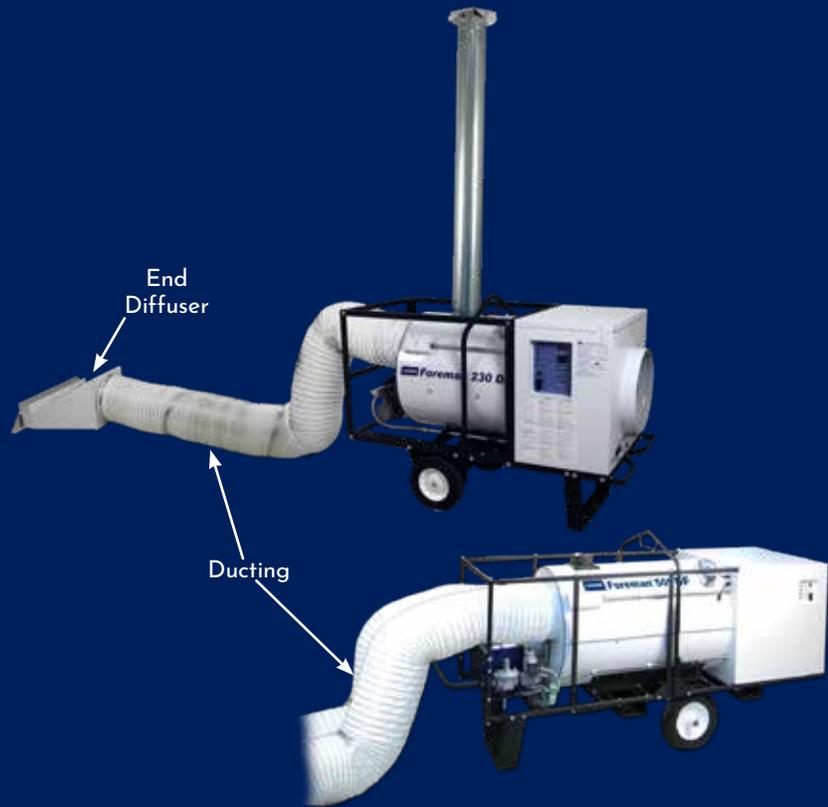
One Person Portable

From handles and wheels to lifting bails, every Foreman® model is equipped with features that make it easy to move about the event site or to the next rental location.



Efficient Storage

Designed so you have options to store during the off-season in a way that uses your space optimally.



This adapter directs the (2) 12" diameter outlets on Foreman 500 and 750s down to a single 16" diameter outlet



FOREMAN®	230	500	750
BTU/HR Rating	230,000	500,000	750,000
Certified for use in U.S. & CAN	Yes	Yes	Yes
Model Options:			
Dual Fuel (LP Gas/NG)	Yes	Yes	Yes
Minimum LP Gas Tank Size (gal)	100	500	500
Diesel	Yes	Yes	Yes
Max Run Time Per Diesel Tank (hrs)	24	17	11
Power Requirements (volts/hz/phase)	120/60/1	120/60/1	240/60/1
Size L x W x H (in)	60 x 26.5 x 43	94 x 32 x 53	94 x 32 x 53
Required Accessories (Order Separately)	Vent Stack Rain Cap Regulator Hose	Vent Stack Rain Cap Regulator Hose	Vent Stack Rain Cap Regulator Hose
Optional Accessories (Order Separately)	Thermostat	Thermostat Stacking Kit	Thermostat Stacking Kit
Air Distribution Accessories (Order Separately)	12" x 12' Duct Kit + 12" End Diffuser	(2) 12" x 12' Duct Kit + 12" End Diffusers OR Duct Adapter + 16" Duct Kit	(2) 12" x 12' Duct Kit + 12" End Diffusers OR Duct Adapter + 16" Duct Kit

Evaporative Coolers

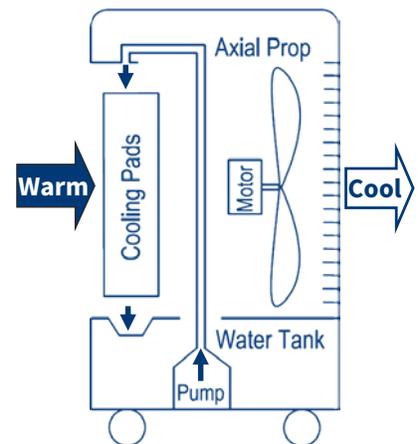


Proven cooling
technology

Our portable evaporative cooler combines the low operating costs your customers want with rental-ready features that protect your investment. Water and a fan together create a simple yet effective cooling effect. This technology is well-suited to open spaces unlike the enclosed areas required for spot air conditioning technologies. No vents or ducts needed—just plug it in and turn it on!

Cooling Technology

Water is pumped up to soak an absorbent pad. A prop-style fan pulls warm air through the damp media that pushes out air with a cooling effect.



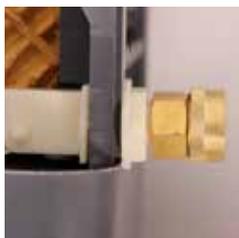
Adjust the Airflow

High airflow moves cooled air 30+ feet and louvers adjust left-to-right. The overall cooling effect relies on relative humidity of environment. Optimal performance is experienced at 60% humidity or less.



Automatic Pump Shut-off

If a customer forgets to fill the tank the automatic pump shut-off feature helps prevent parts from getting burned out.



Easy Setup

- Operates from standard circuits with low amp draw and outdoor safe GFCI connection.
- Fill 10-gal tank from manual door for 3 to 4 hours of runtime or leave connected for continuous fill

Ultimate Portability

Four lockable, rust-resistant caster wheels and a lightweight design make it easy for one person to easily move this evaporative cooler.

Cooling Chart	Relative humidity						Feels Cooler °F (approx. 10ft away)
	20%	30%	40%	50%	60%	70%	
Ambient Temp °F	75°F	-24	-21	-18	-12	-14	-12
	80°F	-24	-22	-19	-17	-15	-13
	85°F	-26	-23	-20	-18	-15	-13
	90°F	-27	-24	-21	-18	-16	-13
	95°F	-28	-25	-22	-19	-16	
	100°F	-30	-26	-23	-19	-17	
	105°F	-31	-27	-24	-20	-17	
	110°F	-33	-28	-24	-21		
	115°F	-34	-29	-25	-21		



Portable Evaporative Cooler	PC-31
Coverage	950 sq. ft.
Water Tank Capacity	10.3 gallons
Run Time Per Tank	3-4 hours
Unit Dimensions	38" x 24" x 17"
Unit Weight	45 lbs

Quick Accessory Reference

Part #	Item Description	Premier				Foreman	
		40	80 ₂₀	170 ₂₀	350 ₂₀	230	500/750
132544	Distribution Duct Kit, White, 8" dia. x 12'L	•					
26347	Distribution Duct Kit, White, 12" dia. x 12'L		•	•		•	•
22835	Distribution Duct Kit, Gray, 18" dia. x 12'L				•		
130-23053	Perforated Air Duct, White, 18" dia. x 100'L				•		
132540	Unit Diffuser for Premier 40	•					
132902	Unit Diffuser for Premier 80 ₂₀ *		•				
26351	Unit Diffuser for Premier 170			•			
132541	End Diffuser (fits on end of 8" dia. ducting)	•					
26350	End Diffuser (fits on end of 12" dia. ducting)		•	•		•	•
23189	End Diffuser (fits on end of 18" dia. ducting)				•		
30125	Thermostat w/ female plug and 25 ft cord	•	•	•	•	•	•
132976	Thermostat w/ female plug and 4 ft cord	•	•	•	•		
30161	Exhaust Pipe, 6" dia.					•	•
30161A	Exhaust Pipe, 8" dia., Foreman 750 Oil Only						•
30162	Rain Cap, 6" dia					•	•
30162A	Rain Cap, 8" dia, Foreman 750 Oil Only						•
25141	Regulator, Foreman DF Only**					•	•
25965	Hose, 3/4" x 15 ft.					•	•
30902	Adapter Kit 16" dia. (fits two 12" dia. ducting)						•
30903	Stacking Kit						•

* Use 26349 for older Premier 80 models

**When running on NG requires 1" hose diameter and inlet pressure of at least 10 P.S.I. When inlet pressure is 2 to 10 P.S.I. use regulator, 132136.

BTU/Hour (Reference Chart)

Cubic Feet	Rise in Temperature				
	10°F / 6°C	20°F / 11°C	30°F / 17°C	40°F / 22°C	50°F / 28°C
4,000	5,320	10,640	15,960	21,280	26,600
8,000	10,640	21,280	31,920	42,560	53,200
12,000	15,960	31,920	47,880	63,840	79,800
16,000	21,280	42,560	63,840	85,120	106,400
20,000	26,600	53,200	79,800	106,400	133,000
24,000	31,920	63,840	95,760	127,680	159,600
28,000	37,240	74,480	111,720	148,960	186,200
32,000	42,560	85,120	127,680	170,240	212,800
36,000	47,880	95,760	143,640	191,520	239,400
40,000	53,200	106,400	159,600	212,800	266,000
44,000	58,520	117,040	175,560	234,080	292,600
48,000	63,840	127,680	191,520	255,360	319,200
52,000	69,160	138,320	207,480	276,640	345,800
56,000	74,480	148,960	223,440	297,920	372,400
60,000	79,800	159,600	239,400	319,200	399,000
64,000	85,120	170,240	255,360	340,480	425,600
68,000	90,440	180,880	271,320	361,760	452,200
72,000	95,760	191,520	287,280	383,040	478,800
76,000	101,080	202,160	303,240	404,320	505,400

See instructions on page 3.

What Size Gas Supply is Needed for My Heater?



Heaters up to 250,000 BTU/hr:

Average Temp (°F)	50°	40°	30°	20°	10°	-10°
Number of 100 LB. Gas Cylinders	2	2	3	3	3	3

Cylinders must be manifolded together or allow simultaneous vapor withdrawal from all cylinders.



Heaters greater than 250,000 BTU/hr:

500 gallon tank - 1 heater per tank
1000 gallon tank - 2 heaters per tank

(100LB. of propane = 23.6 gal [100/4.24])

Based in Onalaska, WI, L.B. White Company is America's leading designer, manufacturer and marketer of propane, natural gas and kerosene heaters for construction, agricultural, tent and greenhouse environments.

Founded in 1952, L.B. White offers over 70 years of leadership in heating design and manufacturing expertise.

Through the course of the company's history, L.B. White has established a significant leadership position in markets around the world by delivering innovative products and quality service that meet the evolving needs of customers.



Customer Service:

Phone: 608-779-6100
Email: customerservice@lbwhite.com



Technical Support:

Phone: 608-779-6101
Email: techsupport@lbwhite.com
To find the closest service center to you, visit www.lbwhite.com/ServiceCenter



Online Resources:

For frequently asked questions, service guides, troubleshooting and maintenance videos, visit www.lbwhite.com.

411 Mason Street • Onalaska, Wisconsin 54650
(800) 345-7200 - (608) 783-6115 fax
www.lbwhite.com

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