CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/20/17

L.B.WHITE®

THE ORIGINAL EVENT HEA

Event Essentials

PRODUCTS THAT KEEP THE EVENT GOING!

www.lbwhite.com

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THE ORIGINAL EVENT HEATERS

For over 25 years the Premier's clean look, quiet operation, and safe, trouble free design have made it the best solution for heating events. From elegant weddings to company parties, Premier heaters ensure the ideal party environment.

- **Three Btu/h models available to suit any event - 80k, 170k, 350k**
- **Air circulation mode when heat is not needed**
- **Ducting and diffusing options put the heat where you need it**
- **Versatile indoor or outdoor placement**
- **Remote thermostat, gas hose, and regulator included**

Air Distribution Options:

L.B. White Premier heaters are available with a variety of ducting and diffuser accessories for control and flexibility. When installed outside the tent, one or more of these options is required.

Simply Scan to View Premier Tent Heater Video

For more information and videos on how to select the right heater, see our website at **www.lbwhite.com** or call us at **800-345-7200**

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L.B.WHITE

Air Circulation Option
Powerful Heat Throw
Ductable
Dual Fuel - LPG or NG, Oil
500,000 Btu/h
Quiet Operation

INDIRECT-FIRED TENT HEATER

The Foreman 500, indirect-fired heater is ideal for applications requiring vented heat. The L.B. White Foreman 500 features a heat exchanger that keeps heated and combustion air separate for the ultimate in clean, dry heat.

- **500,000 Btu/h**
- **Air recirculation option - Just add ducting.**
- **Powerful heat throw**
- **Ductable up to 50 feet per outlet (2) 25' ducts**
- **Dual Fuel-Runs on LPG or NG**
- **Quiet operation**

Available Foreman Accessories:

- Rain Cap (for Chimney Exhaust Pipe): Prevent entry of water into heater

- Steel Chimney Exhaust Pipe: Proper exhaust of combustion by-products of heater

- Thermostat (NEMA 4X): Remote thermostat controls heater output from up to 25 feet away

- 16" Duct Adapter: Converts unit from (2) 12" outlets to (1) 16" outlet

Rain Cap

Thermostat

16" Duct Adapter

Exhaust Pipe

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EVENT HEATER DISTR

Premier® 170 Heat Distribution Option (A):

The innovative heat distribution system for the Premier 170 enables you to boost and direct heat up to 60 feet. Available as a complete system or as separate accessories, the distribution system can be set up to work with existing Premier 170 heaters or purchased for use with a new heater.

Set-up Examples:

Foreman™ Heat Distribution Options (B&C):

The flexible air distribution options for the Foreman 500 assures getting heat where you need it. The optional two 12" x 25' air ducts let you put heat in two different spaces. The optional 16" x 25' duct gets air going in the desired direction (requires 16" duct adapter kit).

For more information and videos on how to select the right heater,
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RIBUTION SOLUTIONS

Premier® 350 Heat Distribution Option (C):

For larger heat applications, the 100 foot perforated duct for the Premier 350 gives you an extremely efficient way to distribute heated air quickly and easily from overhead or from the ground up. The perforated duct is compatible with existing (non-perforated) L.B. White ducting. For ceiling suspension, a connection duct length of 20 feet is recommended between the Premier 350 heater and perforated duct.

Set-up Examples:

For more information and videos on how to select the right heater, see our website at **www.lbwhite.com** or call us at **800-345-7200**

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Part #	Item Description	Premier 80	Premier 170	Premier 350	Foreman
26346	Distribution Duct Kit, Gray, 12” dia. x 12’ L	•	•		
30052	Distribution Duct Kit, Gray, 12” dia. x 25’ L				•
30076	Distribution Duct Kit, Gray, 16” dia. x 25’ L				•
30053	Air Recirculation Kit, Gray, 20” dia. x 25’ L				•
26347	Distribution Duct Kit, White, 12” dia. x 12’ L	•	•		
22835	Distribution Duct Kit, White, 18” dia. x 12’ L			•	
26348	Distribution Duct Kit, Light Duty, 12” dia. x 12’ L	•	•		
24442	Distribution Duct Kit, Light Duty, 18” dia. x 12’ L			•	
24488	Premier 170 Distribution Kit, includes: 23870, 23871 (qty 2), 23868, 23869, 25172		•		
23870	Distribution Duct, White, 12” dia. x 3’ L		•		
23871	Perforated Air Duct, White 8” dia. x 30’ L		•		
23053	Perforated Air Duct, White, 18” dia. x 100’ L			•	
23868	Air Distribution Box		•		
23869	Air Booster Box		•		
25172	Electrical Socket Kit		•		
26349	Unit Diffuser for Premier 80	•			
09389	Unit Diffuser for Premier 80 with tabs (2)				
26351	Unit Diffuser for Premier 170		•		
09396	Unit Diffuser for Premier 170 with tabs (2)				
26350	End Diffuser (fits 12” dia. ducting)	•	•		
23189	End Diffuser (fits 18” dia. ducting)			•	
26983	Distribution Duct Kit, Gray, 12” dia. x 25’ L.		•		

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Btu/h Requirements:

Determine the Btu/h needed to heat a given area:

1. Multiply room length x width to determine total square feet.
2. Locate desired rise in temperature.
   Example: Room is 10°C / 50°F, desired temperature is 21°C / 70°F = 11°C / 20°F rise in temperature.
3. Read Btu/h.

RISE IN TEMPERATURE								
Square Feet	6°C / 10°F	11°C / 20°F	17°C / 30°F	22°C / 40°F	28°C / 50°F	33°C / 60°F	39°C / 70°F	44°C / 80°F
400	8,640	18,560	30,000	42,560	56,800	72,000	88,480	106,240
800	17,280	37,120	60,000	85,120	113,600	144,000	176,960	212,480
1,200	25,920	55,680	90,000	127,680	170,400	216,000	265,440	318,720
1,600	34,560	74,240	120,000	170,240	227,200	288,000	353,920	424,960
2,000	43,200	92,800	150,000	212,800	284,000	360,000	442,400	531,200
2,400	51,840	111,360	180,000	255,360	340,800	432,000	530,880	637,440
2,800	60,480	129,920	210,000	297,920	397,600	504,000	707,840	849,920
3,200	69,120	148,480	240,000	340,480	454,400	576,000	707,840	849,920
3,600	77,760	167,040	270,000	383,040	511,200	648,000	796,320	956,160
4,000	86,400	185,600	300,000	425,600	568,000	720,000	884,800	1,062,400
4,400	95,040	204,160	330,000	468,160	624,800	792,000	973,280	1,168,640
4,800	103,680	222,720	360,000	510,720	681,600	864,000	1,061,760	1,274,880
5,200	112,320	241,280	390,000	553,280	738,400	936,000	1,150,240	1,381,120
5,600	120,960	259,840	420,000	595,840	795,200	1,008,000	1,238,720	1,487,360
6,000	129,600	278,400	450,000	638,400	852,000	1,080,000	1,327,200	1,593,600
6,400	138,240	296,960	480,000	680,960	908,800	1,152,000	1,415,680	1,699,840
6,800	146,880	315,520	510,000	723,520	965,600	1,224,000	1,504,160	1,806,080
7,200	155,520	334,080	540,000	766,080	1,022,400	1,296,000	1,592,640	1,912,320
7,600	164,160	352,640	570,000	808,640	1,079,200	1,368,000	1,681,120	2,018,560
8,000	172,800	371,200	600,000	851,200	1,136,000	1,440,000	1,769,600	2,124,800
8,400	181,440	389,760	630,000	893,760	1,192,800	1,512,000	1,858,080	2,231,040
8,800	190,080	408,320	660,000	936,320	1,249,600	1,584,000	1,946,560	2,337,280
9,200	198,720	426,880	690,000	978,880	1,306,400	1,656,000	2,035,040	2,443,520
9,600	207,360	445,440	720,000	1,021,440	1,363,200	1,728,000	2,123,520	2,549,760
10,000	216,000	464,000	750,000	1,064,000	1,420,000	1,800,000	2,212,000	2,656,000
10,400	224,640	482,560	780,000	1,106,560	1,476,800	1,872,000	2,300,480	2,762,240
10,800	233,280	501,120	810,000	1,149,120	1,533,600	1,944,000	2,388,960	2,868,480
11,200	241,920	519,680	840,000	1,191,680	1,590,400	2,016,000	2,477,440	2,974,720
11,600	250,560	538,240	870,000	1,234,240	1,647,200	2,088,000	2,565,920	3,080,960
12,000	259,200	556,800	900,000	1,276,800	1,704,000	2,160,000	2,654,400	3,187,200

The number of Btu/h may vary from the chart due to tent configurations, materials, and weather variables.

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We keep the event going!

L.B. White is America's leading designer, manufacturer and marketer of
propane, natural gas and kerosene heaters for tent, construction, agriculture, and greenhouse environments.

Founded in 1952, we offer over 60 years of leadership in heating design and manufacturing expertise.
Through the course of the company's history, L.B. White has established leadership position in markets around the world
by delivering innovative products and quality service that meet the evolving needs of our customers.

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