L.B.WHITE®

PORTABLE HEATING & COOLING

WWW.LBWHITE.COM | 800.345.7200 | CUSTOMERSERVICE@LBWHITE.COM

PRODUCTS WITHIN BROCHURE ARE SUBJECT TO THE FOLLOWING WARNING:

⚠ WARNING

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

WE STAND BEHIND QUALITY.

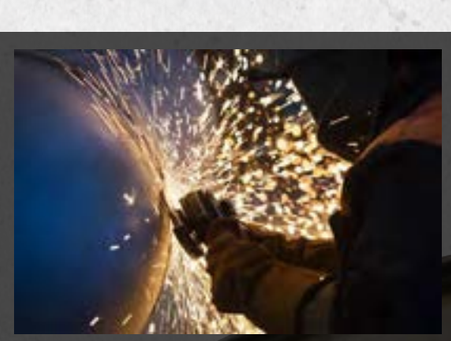
For over 65 years L.B. White has been America's leading portable heat designer. With Midwestern manufacturing expertise, we stand behind our craftsmanship, too. So much so, we back our products with a two-year limited warranty—the first and only of its kind in the industry.*

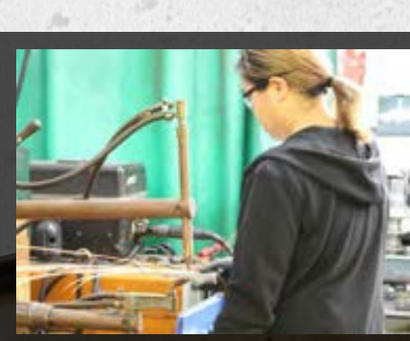
BUILT TO LAST

Construction environments can be hard on equipment especially in winter. To safeguard your investment, L.B. White heaters are engineered to hold up to years of use. Robust materials and careful workmanship combine in heavy-duty features, like:

- Fully welded heat exchangers
- Powder coated protective frames
- Heavy gauge combustion chambers

A commitment to quality you can count on. Every unit is backed by an industry-leading two-year warranty.* Before leaving our docks, every heater is test-fired and carefully inspected. It's been L.B. White tradition since 1952.





HEATER TECHNOLOGY

How portable heat works

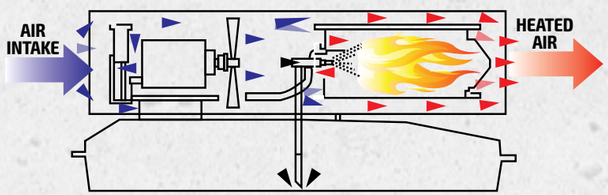
Direct fired

The distinct advantage of direct-fired heat technology is that it provides 99% fuel efficiency. Air comes in direct contact with the process of combustion for max heat output. For every $1.00 spent on fuel, direct-fired heat technology is designed to convert $0.99 to heat output.

To avoid built-up of combustion byproducts, one square inch of fresh, exchange air is required for every 1,000 BTU of heated air output by direct-fired technology.

Cracking a standard door only two inches is about 160 square inches which can provide enough exchange air for a 160,000 BTU/hr heater.

Accessing adequate exchange air is often easy on job sites where spaces are not sealed during most phases of construction. For those environments that are fully sealed with no access to exchange air, like manholes and underground mines, direct-fired heat should not be used.



Open flame vs Enclosed flame

Combustion occurs when oxygen and fuel combine in a reaction that produces heat. L.B. White heater combustion involves a flame. Direct-fired heaters that do not conceal the flame are considered open flame. When a flame is visible there is potential for interaction with combustibles in an environment—like stray plastic sheeting or saw dust on construction job sites.

L.B. White was the first company to innovate enclosed flame portable heat technology. Enclosing the process of combustion separates the flame from the environment while still providing 99% fuel efficiency. By enclosing the flame and adding a fan to the design, L.B. White enclosed flame Premier® heaters can also be ducted from point A to point B for added flexibility in application.

Indirect fired

When 100% clean, dry heat is best for an application, indirect-fired heat technology is a solution. Common applications where indirect-fired heat is preferred include:

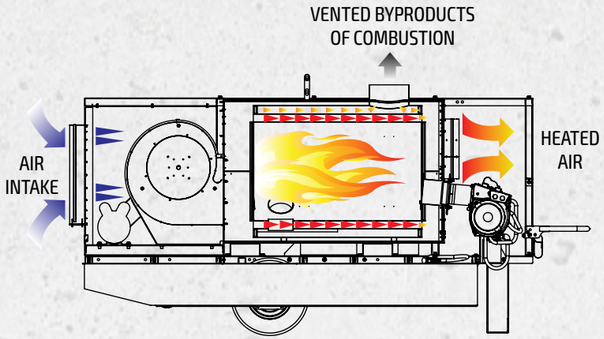
Inhabited remodels such as those in hotels, schools or hospitals

Some stages of concrete installation that can be sensitive to the byproducts of combustion

Areas with strict local requirements

Indirect-fired technology outputs heat air that does not come in contact with the process of combustion. Combustion is housed within a chamber that vents all byproducts out through an exhaust stack. Meanwhile, air is pushed over the combustion chamber with a fan.

As the air passes over the chamber it is heated. Heated air can then be ducted from the outlet. Otherwise, if setup indoors, heated air can safely go into the space with vent to the outdoors.



FOREMAN®
Ductable Indirect-Fired Portable Heaters

Indirect-fired heat with reliable CFM

Vented to provide clean, dry heat

- ✔ **Fuel-conscience design** with options to recirculate heated air and use remote thermostat
- ✔ **Quiet** with less than 70 dB operation
- ✔ **Optimal portability** with wheels, handle, fit through standard 36" door frame, single point lifting bail and forklift pocket*
- ✔ **Built to last** with fully welded heat exchangers and powder-coated frame
- • Dual Fuel (DF) models can quickly switch from NG to LP
- • Oil models have onboard fuel tank and option to run diesel #1 or #2
- • Saves storage space with option to stack*or store on end**

*Foreman 500 and 750 models only **Foreman 230 only

ALL MODELS AVAILABLE IN:

Oil (Diesel) DF (LP/NG)

L.B. White LINK™
Now telematics-enabled to put critical alerts, runtime, location, and more at your fingertips.
Learn more at LBWhite.com/LINK.

MADE IN USA
OF U.S. & IMPORTED PARTS

Foreman®	230 DF	230 Oil	500 DF	500 Oil	750 DF	750 Oil
Btu/h Rating	230,000	230,000	500,000	500,000	750,000	750,000
Fuel type	LP/NG	#1 or #2 diesel	LP/NG	#1 or #2 diesel	LP/NG	#1 or #2 diesel
Fuel consumption max LP (lbs./hr)	10.6	-	23.0	-	34.5	-
NG (cu.ft/hr)	230	-	500.0	-	750.0	-
Diesel 1 or 2 (g/hr)	-	1.7	-	3.6	-	5.4
Inlet gas pressure min/max LP (in W.C.)	7/13.5	-	8/13.5	-	8/13.5	-
NG (in W.C.)	7/13.5	-	8/13.5	-	8/13.5	-
Burner type	BECKETT®	BECKETT®	RIELLO®	BECKETT®	RIELLO®	BECKETT®
Tank capacity (gal)	-	43	-	57	-	57
Blower fan output (CFM)	1900	1900	3457	3457	4280	4280
Outlet static pressure (in W.C.)	2.5	2.5	2.5	2.5	2.5	2.5
Motor horsepower	1/2	1/2	1.5	1.5	2.0	2.0
Electrical supply (volts/hz/phase)	120/60/1	120/60/1	120/60/1	120/60/1	240/60/1	240/60/1
Outlet duct diameter (in)	12	12	12	12	12	12
Outlet duct connections	1	1	2**	2**	2**	2**
Outlet duct max length (ft)	100	100	100	100	100	100
Air recirculation inlet dia. (in)	16	16	20	20	20	20
Running amps	9	9	13.5	13.5	12	12
Unit length (in)	60.2	60.2	94.0	94.0	94.0	94.0
Unit width (in)	26.6	26.6	32.0	32.0	32.0	32.0
Unit height (in)	43.3	43.3	53.0	53.0	53.0	53.0
Ship weight (lbs)*	421	459	850	1000	865	1021
Single point lifting bale	S	S	S	S	S	S
Fork lift pockets	-	-	S	S	S	S
LINK™ capable	S	S	S	S	S	S
LINK™ ready	O	O	O	O	O	O
Certified to ANSI/CSA standards	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA

S=Standard O=Optional

* Ships on custom pallet.

**Operates from single 16" connection with duct adapter accessory sold seperately

Accessories (sold separately):

- • Thermostat, Nema 4X w/ 25 ft. cord, 30125
- • Duct, 12" x 25', Gray, Fire-retardant, w/ Clamp, 30052
- • Duct, 20" x 25', Gray, Recirculating, w/ Clamp, 30053
- • Duct, 16" x 25', Gray, Fire-retardant, w/ Clamp, 30076
- • Rain Cap, Foreman 230s/500s/750 DF, 30162
- • Rain Cap, Foreman 750 Oil, 30162A
- • Exhaust Pipe Extension, Steel, Foreman 230s/500s/750 DF, 6"dia., 30161
- • Exhaust Pipe Extension, Steel, Foreman 750 Oil, 8"dia., 30161A
- • Regulator, all Foreman DF, 25141
- • Heater Stacking Kit, Foreman 500/750, 30903
- • Duct Adapter Kit, 16", 30902

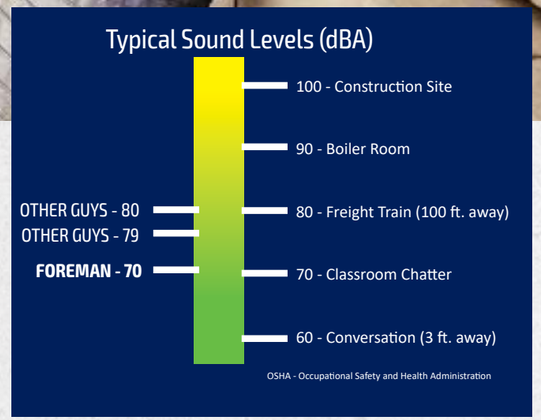
CA RESIDENTS:
⚠ WARNING
Cancer and reproductive harm. See **www.P65Warnings.ca.gov.**

CLEAN, DRY HEAT

Deliver heat that is free of the byproducts of combustion with the Foreman indirect-fired series.

Quiet operation

With less than 70 dB of sound while operating, reduces sound pollution and makes meeting OSHA standards easier.



Rental ready

Indoor-outdoor rated

- Operate outdoors and duct heated air up to 100 feet to save space in work areas
- Vent outside or into existing chimney, to operate indoors and mitigate heat loss

Fuel flexibility

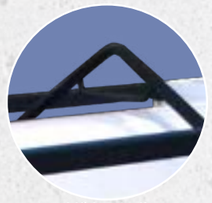
- Dual Fuel (DF) model operates from natural or propane gas with the turn of a ball valve. No conversion kit required.
- Oil model has on-board tank or easily connects to remote fuel tank.

Optimal portability

- One person portable with wheels, handle and fit through standard 36" door frame
- Foreman 750 is the only in its class that does not require a forklift to move
- Equipped with single point lifting bail and forklift pockets*

Efficient off season storage

One-person portability



Lifting bail

Stands on end (Foreman 230)

Stacks two units high with optional stacking kit (Foreman 500 & 750)

Fuel-conscience features

Recirculate heated air

Recycle air that's already been heated and use less fuel.

Thermostatic control

Automatically heat to a set temperature and use only as much fuel as is required with the remote thermostat option.

Vent mode

Keep heated air working hard without using more fuel. Moves heated air throughout the space using fan only.

Centralized control panel

Less power supply headaches

With the onboard volt meter, operators can easily confirm adequate power is available from the start and monitor throughout heater operation.

Streamlined status and diagnostics

Heater status lights provide a quick indication of operation status. If problems arise, status lights streamline troubleshooting and can save service managers a trip.

Anticipate maintenance

Take the guesswork out of how long a heater ran when on rental with the hour meter. Rely on the actual heating hours to schedule maintenance from the last service, rather than calendar days.

Burner-specific insights

The Beckett® GeniSys™ control provides status and diagnostic information specific to the burner.

PREMIER®
Enclosed-Flame Direct-Fired Portable Heaters

Enclosed flame design invented by L.B. White

Direct-fired efficiency with added safety

- ✔ **Enclosed flame** promotes safer work environments and provides option to duct
- ✔ **99% direct-fired fuel efficiency** boosted by remote thermostat and option to move air only like a fan
- ✔ **Quiet** with less than 70 dB operation
- Dual Fuel (DF) models quickly switch from NG to LP
- Fits through standard 36" door frame while handles and wheels on larger models provide maneuverability

L.B. White LINK™
Now telematics-enabled to put critical alerts, runtime, location, and more at your fingertips.
Learn more at LBWhite.com/LINK.

MODELS AVAILABLE IN:

LP | DF (LP/NG)

MADE IN USA
OF U.S. & IMPORTED PARTS

PREMIER®	40	80, 2.0	80 DF, 2.0	170, 2.0	170 DF, 2.0	350 DF, 2.0
BTU/HR rating	40,000	80,000	80,000	170,000	170,000	350,000
Heated air output (CFM)	330	450	450	1,200	1,200	2,500
Fuel type	LP	LP	LP, NG	LP	LP, NG	LP, NG
Fuel consumption LP gas max (lbs/hr)	1.9	3.7	3.7	7.9	7.9	16.2
Fuel consumption NG gas max (cu ft/hr)	-	-	80	-	170	350
Amps (start/continuous)	2.6 / 1.0	5.0 / 1.5	5.0 / 1.5	7.3 / 5.0	7.3 / 5.0	25.0* / 9.0
Motor horsepower	1/12	1/8	1/8	1/3	1/3	1
Running decibels	62	70	70	70	70	72
Unit length (in)	24.8	28	28	32.3	32.3	48.3
Unit width (in)	14.5**	13.5	13.5	24.3	24.3	28.0
Unit height (in)	16.3	22.0	22.0	32.0	32.0	41.0
Shipping weight (lb)	60.0	79.0	79.0	161.0	161.0	320.0
Case material	Tri-Shield™***	Tri-Shield™***	Tri-Shield™***	Tri-Shield™***	Tri-Shield™***	Tri-Shield™***
Electrical connection	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet
Thermostat connection	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet	Mounted inlet
Wheels	-	-	-	Semi-pneumatic	Semi-pneumatic	Semi-pneumatic
Ventilation (fan only)	S	S	S	S	S	S
Gas hose, regulator & thermostat	S	S	S	S	S	S
Outlet duct diameter (in)	8	12	12	12	12	18
Outlet duct max length (ft)	12	12	12	12	12	25
LINK™ ready	-	-	-	-	-	S
Certified to ANSI/CSA standards	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA

S=Standard O=Optional

* Amps spike over 15 during initial start-up. Check breaker capability.
** 18.1 with optional thermostat bracket installed.
*** Tri-shield coated steel with three unique protective layers including: a non-corrosive hot-dipped, galvanized steel, an oven-cured epoxy primer and baked, thermosetting polyester.

Accessories (sold separately):

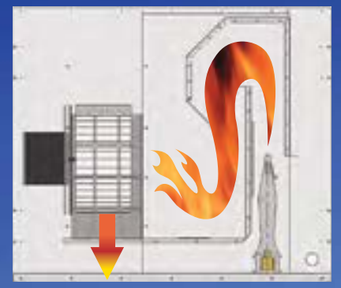
- Duct, 8" x 12', Premier 40 w/ Duct Adapter, 132544
- Duct, 12" x 12', Premier 80/170 w/ Duct Adapter, 26346
- Duct, 18" x 12', Premier 350 w/ Duct Adapter, 22835

CA RESIDENTS:
WARNING
Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

EVEN EFFICIENT HEAT

Do more with enclosed flame technology that provides steady, 99% fuel-efficient heat with the option to duct.

L.B. White was the first company to innovate enclosed flame portable heat technology. Enclosing the process of combustion separates the flame from the environment while still providing the 99% fuel efficiency delivered by direct-fired technology.



Reliable heat where you need it

Certified to ANSI Z83.7 and CSA 2.14 standards for safety and rated for indoor-outdoor use. Flexible setup and an even, steady heat delivery make Premier heaters well-suited to many applications from framing, drywalling, stucco work, construction enclosures, brick and block laying, freeze protection, bridgework, docks to excavation and more.

By enclosing the flame and adding a fan to the design, L.B. White enclosed-flamed Premier heaters can be ducted from point A to point B for added flexibility in application.

Model	Duct Diameter	Max Duct Length
Premier 40	8"	12'
Premier 80/80 DF	12"	12'
Premier 170/170 DF	12"	12'
Premier 350 DF	18"	25'

Quiet operation

Avoid excessive job site noise by using Premiers with industry-leading quiet operation. All models operate at decibel levels equivalent to classroom chatter or average conversation.

PREMIER ★
(CLASSROOM CHATTER)

OTHER GUYS
(FREIGHT TRAIN)

Easy to setup and operate

Dual fuel models switch from LP to NG with the turn of a ball valve. No changeover kit needed. Start a job with propane and switch over to natural gas once available without changing heaters. Valve can be locked, if needed, to prevent tampering when on rent.

Premier 40 offers the convenience of operating from a 20 lb. tank for 6 to 8 hours in many applications. Available in LP only.

Thermostatic control option for set-it-and-forget-it efficiency. In applications where heat is ducted to a different space, option to operate thermostat remotely by adding extension cord. Every model ships standard with this accessory.

Multi-mode options allow for heat and vent mode. Vent mode will operate unit's fan only when space is up to temperature and only air circulation is needed.

Status lights indicate heating mode stage and quickly aid diagnosis of common issues when troubleshooting.

Optimal portability

From handle to wheel features, every Premier model is carefully equipped to move about the job site or to the next rental location with ease.

BOSS™
High CFM Direct-Fired Portable Heaters

Big heat with high CFM
Most efficient heat for large spaces

- ✔ **Easy to operate** with onboard volt meter and status light
- ✔ **99% direct-fired fuel efficiency** boosted by onboard thermostat and option to move air only like a fan
- ✔ **True portability** with cool-end handle, wheels, and fit through a standard 36" door frame
- Saves storage space with option to stand on end or stack
- Built to last with Tri-shield™ coated steel case, and powder coated hardware that protects against abrasion and corrosion

ALL MODELS AVAILABLE IN:

DF (LP/NG)

Boss™	400 DF	1000 DF
BTU/HR Rating	400,000	1,000,000
Blower fan output (CFM)	2,500	5,000
Fuel type	Dual Fuel – LP/NG	Dual Fuel – LP/NG
Ignition type	Spark	Spark
Fuel Consumption LP Gas min/max (lbs/hr)	18.6	46.3
Fuel Consumption NG min/max (cu ft/hr)	400	1,000
Inlet gas pressure LP min/max (in W.C.)	7"/13.5"	7"/13.5"
Inlet gas pressure NG min/max (in W.C.)	7"/13.5"	7"/13.5"
Amps (start/continuous)	27.2/7.1	23.2/8.4
Electric supply (volts/hz/phase)	120/60/1	120/60/1
Motor horsepower	1/2	1
Unit length (in)	50 (with handle)	65 (with handle)
Unit width (in)	21.3	31
Unit height (in)	22.5	23.3
Unit weight (lbs)	125.0	300.0
Built-in volt meter	S	S
Built-in thermostat	S	S
Vent mode (fan only)	S	S
Certified	U.S. & CA	U.S. & CA

S=Standard O=Optional

Accessories (sold separately):
- Regulator (DF), Boss 400, 500-25141
- Gas hose, Boss 400, 3/4 in. x 15 ft., 500-25965
- Regulator LP (1st stage), Boss 1000, 132235
- Regulator LP (2nd stage), Boss 1000, 132046
- Regulator NG (2 PSIG min. inlet), Boss 1000, 132136
- Gas Hose, 1 in. x 15 ft, Boss 1000, 132047

MADE IN USA
OF U.S. & IMPORTED PARTS

CA RESIDENTS:
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Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

BIG HEAT

Push big heat into large, wide open job sites with the Boss™ heater series. With high CFM and 99% fuel efficiency this direct fired series has countless construction and industrial applications.

Easy to access, transport & store
Never flat wheels
Heavy-duty handle

10-side case
for easy inside-out access

Stands on end

Stackable

Streamlines operation even as the job site changes with built-in features like:

Quickswitch™ Dual Fuel
LP or NG

Onboard voltmeter

Thermostat control

Diagnostic light

When space is up to temp, make heated air work harder using only the unit's fan in vent mode.

Vent mode feature
moves air like a fan

TRADESMAN®

Gas Forced Air Portable Heaters

Reliable, directional heat

Versatile and efficient forced air

- ✔ **Easy to operate** with dependable 3-trial ignition system, and diagnostic lights on Ultra models
- ✔ **99% direct-fired fuel efficiency** boosted by variable output controls and thermostatic control on 170 and 400 models
- ✔ **Built to last** with industry's heaviest gauge combustion chamber and burner plate, and Tri-shield™ coated steel case protects against abrasion and corrosion

MODELS AVAILABLE IN:

LP | NG | DF (LP/NG)

MADE IN USA
OF U.S. & IMPORTED PARTS

TRADESMAN®	125	170	170 Ultra	170N	170N Ultra	400	400 Ultra	400 Ultra DF
BTU/HR rating	70,000 / 125,000	125,000 / 170,000	125,000 / 170,000	125,000 / 155,000	125,000 / 155,000	250,000 / 400,000	250,000 / 400,000	175,000 / 400,000*
Heated air output (CFM)	400	550	550	550	550	1,050	1,050	1,050
Fuel type	LP	LP	LP	NG	NG	LP	LP	LP/NG
Fuel consumption LP gas min/ max (lb/hr)	3.2 / 5.8	5.8 / 7.9	5.8 / 7.9	-	-	11.6 / 18.6	11.6 / 18.6	11.6 / 18.6
Fuel consumption NG gas min/ max (cu ft/hr)	-	-	-	125 / 155	125 / 155	-	-	175 / 400
Inlet gas pressure LP gas	11.0 (in W.C.)	11.1 (in W.C.)	11.1 (in W.C.)	-	-	5.2 PSIG	5.2 PSIG	1.5 PSIG
Inlet gas pressure NG min/max	-	-	-	7/13.5 (in W.C.)	7/13.5 (in W.C.)	-	-	1.5 PSIG
Amps (start/continuous)	2.0 / 0.70	3.7 / 1.0	3.7 / 1.0	3.7 / 1.0	3.7 / 1.0	4.0 / 1.3	4.0 / 1.3	4.0 / 1.3
Service saver (self-diagnostics)	-	-	Yes	-	Yes	-	Yes	Yes
Unit length (in)	25.6	24.0	24.0	24.0	24.0	34.5	34.5	34.5
Unit width (in)	11.8	9.5	9.5	9.5	9.5	12.5	12.5	12.5
Unit height (in)	16.0	16.0	16.0	16.0	16.0	21.5	21.5	21.5
Shipping weight (lb)	28.0	34.0	34.0	34.0	34.0	51.0	51.0	55.0
Case material	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**	Tri-Shield™**
High temp safety switch	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Air flow safety switch	No	No	Yes	No	Yes	Yes	Yes	Yes
Gas pressure regulator	S (w/POL)	S (w/POL)	S (w/POL)	S	S	S (w/POL)	S (w/POL)	S (w/POL)
Unit mount thermostat	***	S	S	S	S	S	S	S
Gas hose	S	S	S	O	O	S	S	S
Certification	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. only

S=Standard O=Optional

* 250,000 - 400,000 BTU/HR on LP.
** Tri-shield coated steel with three unique protective layers including: a non-corrosive hot-dipped galvanized steel, an oven-cured epoxy primer and baked, thermosetting polyester.
*** Thermostat not available

CA RESIDENTS:
⚠ WARNING
Cancer and reproductive harm. See **www.P65Warnings.ca.gov.**

RELIABLE, DIRECTIONAL HEAT

Put heat right where you need it with the Tradesman® propane forced-air heaters.

This time-tested design uses an axial fan to force heated air into a single direction 12 to 15 feet

Adjustable front leg on some models allows heat to be directed up or down

Manufactured in Wisconsin from durable components to provide years of dependable performance*

Made with the industry's heaviest gauge combustion chamber and burner plate. Tri-shield™ coated case protects against abrasion and corrosion*

Easy grip handle & lightweight design make it convenient to move and adjust as the job site changes

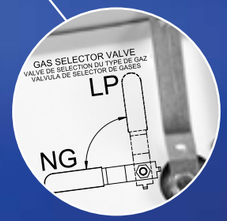
Loaded with reliable safety features. Certified to CSA and ANSI standards

Diagnostic light feature included on Ultra models for added operator support and streamlined troubleshooting

Variable rate valve allows heater output to be adjusted from low to high for maximum fuel efficiency

Flanged male electrical inlet provides clean connection less prone to getting dirty or wet than pig tail designs

Thermostatic control saves fuel automatically



Fuel Flexibility
Operate Tradesman Ultra DF from propane or natural gas with the turn of a selector value

Tradesman® heaters are direct fired therefore require proper ventilation. Always install and use the heater in accordance with the owner's manual and instructions.

**Tradesman 125 not made in Wisconsin. Case made with enamel-coated steel and does not include thermostat.*

TRADESMAN® K

Kerosene Forced Air Portable Heaters

Turnkey directional heat

Forced air with onboard fuel

- ✔ **Convenient fuel** with onboard fuel tank and option to run on kerosene, diesel or fuel oil #1
- ✔ **Easy to operate** with onboard air diagnostic system, fuel & pressure gauges, and digital space temp display
- ✔ **99% direct-fired fuel efficiency** boosted by onboard thermostat
- Easy to maneuver with wheels and handle (K125 and up)

ALL MODELS AVAILABLE IN:

Oil (Diesel)

TRADESMAN® K	K75	K125	K175	K210	K400	K650
BTU/HR rating	75,000	125,000	175,000	210,000	400,000	650,000
Heated air output (CFM)	265	520	600	650	1,400	3,600
Fuel type	Kerosene*	Kerosene*	Kerosene*	Kerosene*	Kerosene*	Kerosene*
Fuel consumption max. (gal/hr)	0.6	0.95	1.3	1.6	3.0	4.9
Tank capacity (gal)	5	10	13	13	29	50
Operating time max (hr)	8.3	10.5	10	8	9.5	10
Running amps	1.6	2.5	3.2	3.7	4.4	7.1
Pump Pressure (PSI)	3.8	5.5	6.5	8.5	125	110
Motor horsepower	1/8	1/5	1/4	1/3	1/2	3/4
Unit length (in)	32	36.1	41.8	41.8	52.5	69.2
Unit width (in)	11.8	21.5	23.1	23.1	31.4	32.8
Unit height (in)	16.8	24.6	26.1	26.1	32.8	48.7
Shipping weight (lbs)	32	64	72	74	163	298
Thermostat	S	S	S	S	S	S
Fuel & pump pressure gauges	S / S	S / S	S / S	S / S	S / -	S / -
On/off switch	S	S	S	S	S	S
Cord caddy	S	S	S	S	S	-
Certification	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA

S=Standard O=Optional

* Kerosene, #1 and #2 Diesel or #1 Fuel Oil

CA RESIDENTS:
⚠ WARNING
Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

CONVENIENT MULTI-FUEL HEAT

Put instant heat right where you need it with Tradesman® K forced-air heaters.

Uses axial fan to force heated air into a single direction 12 to 15 feet

Move with ease using handles and wheels

Thicker gauge combustion chamber and nosecone material to reduce potential of warping with extreme temp shifts

Control fuel usage and comfort with thermostat and temperature display

Convenient self-contained fuel tank

Easily monitor remaining run time from fuel gauge

Onboard fuel pressure gauge for easy service (K75 thru K210 models)

Threaded drain plug and durable composite fuel fittings for max life

Dependable dual-prong electronic spark ignition

Auxiliary 110V power receptacle (K125 thru K400 models)

OPTION TO RUN FROM MULTIPLE FUEL TYPES:

Kerosene | Diesel #1 or #2 | Fuel Oil #1

Tradesman® K heaters are direct fired therefore require proper ventilation. Always install and use the heater in accordance with the owner's manual and instructions.

NORSEMAN™/ WORKMAN™

Convection Portable Heaters

360-degree heat distribution

Convenient for early phases of construction

- ✔ **No electricity required**
- ✔ **99% direct-fired fuel efficiency** improved by adjustable shut-off controls that also save fuel
- ✔ **Built to last** with cast iron burners, one-piece body, and the Norseman incorporates the heaviest gauge steel in the class
- Lightweight design at less than 35 lbs
- Hose and regulator included with LP models (Canada)

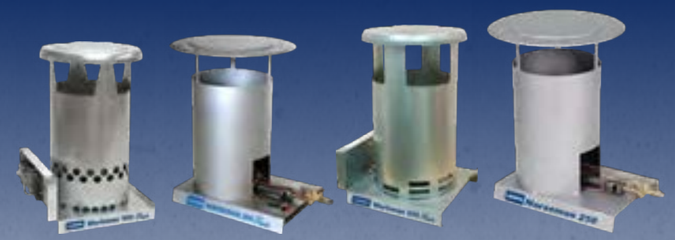
NORSEMAN AVAILABLE IN:

LP

WORKMAN AVAILABLE IN:

NG LP

MADE IN USA
OF U.S. & IMPORTED PARTS



CONVECTION	WORKMAN™ 100N Plus	NORSEMAN™ 200 Plus	WORKMAN™ 225 Plus	NORSEMAN™ 250
BTU/HR rating	100,000	200,000	45,000-225,000	250,000
Fuel type	NG	LP	LP	LP
Fuel consumption LP gas max (lbs/hr)	-	9.3	2.1 / 10.4	11.6
Fuel consumption NG max (cu ft/hr)	100	-	-	-
Inlet gas pressure LP gas min/max (PSIG)	-	23.0	10.2	23.0
Inlet gas pressure NG min/max (in W.C.)	7.0/13.5	-	-	-
Ignition type	Piezo pilot	Piezo pilot	Piezo	Pilot
Unit length (in)	16.5	18.0	17.0	18.0
Unit width (in)	15.0	13.0	15.0	13.0
Unit height (in)	25.0	24.0	26.0	24.0
Shipping weight (lbs)	14.0	34.0	19.0	34.0
Flame safety	Thermocouple controlled gas valve	Thermocouple controlled gas valve	Thermocouple controlled gas valve	Thermocouple controlled gas valve
Burner type	Stainless steel	Cast iron	Stainless steel	Cast iron
Case material	Galvanized steel	Heavy gauge steel	Galvanized steel	Heavy gauge steel
Gas pressure regulator	S	S	S (w/pol)	S
Gas hose (10 ft U.S./15 ft CA)	O	S	S	S
Certification	U.S. & CA	U.S. & CA	U.S. & CA	*

S=Standard O=Optional

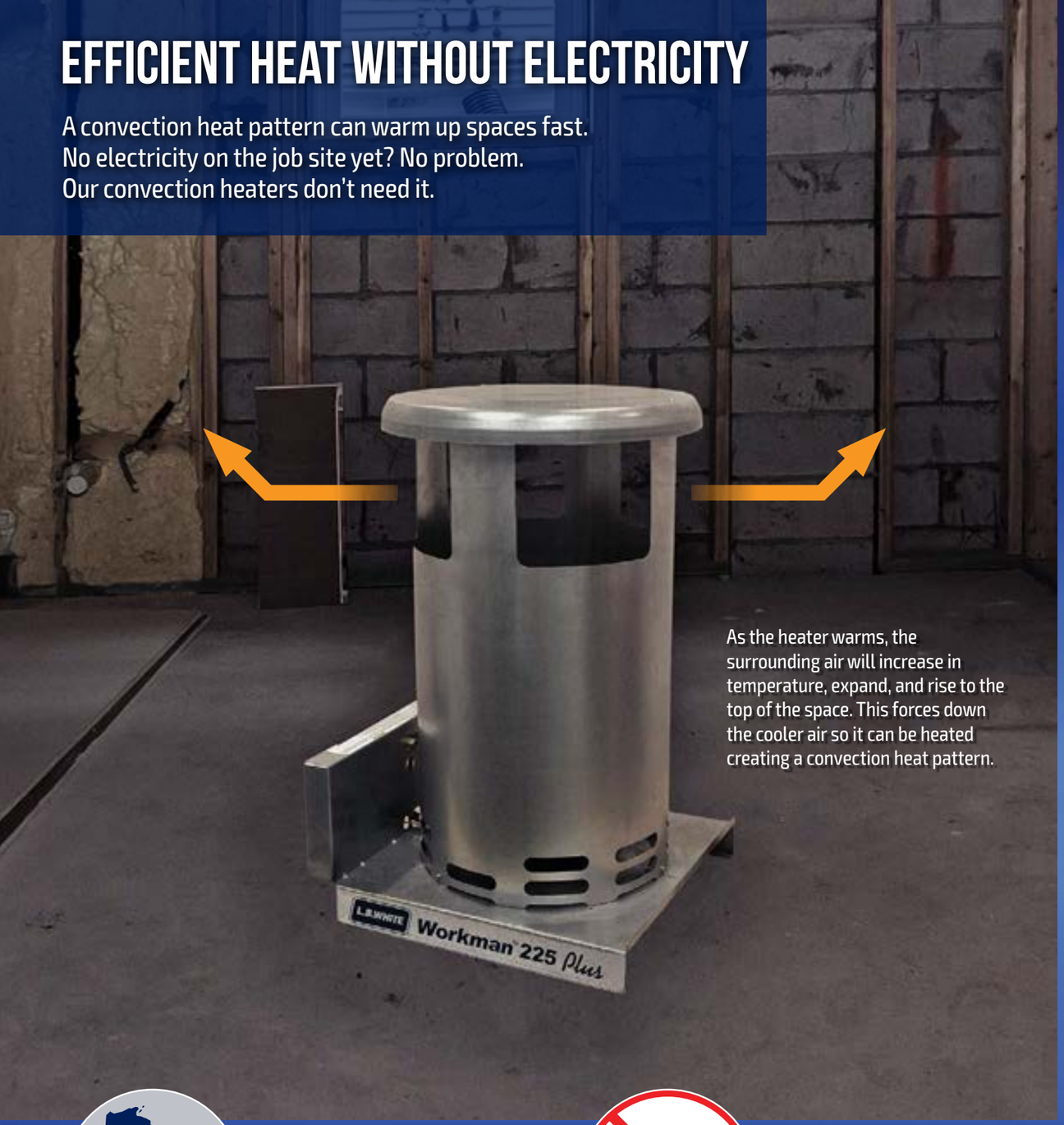
* Norseman 250 is L.B. White tested and evaluated, but not third-party certified. Not approved for use on combustible floors.

CA RESIDENTS:
WARNING
Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

EFFICIENT HEAT WITHOUT ELECTRICITY

A convection heat pattern can warm up spaces fast.
No electricity on the job site yet? No problem.
Our convection heaters don't need it.

As the heater warms, the surrounding air will increase in temperature, expand, and rise to the top of the space. This forces down the cooler air so it can be heated creating a convection heat pattern.



Unique top design provides superior heat distribution

No assembly required (Workman model)

Heavy-duty, one-piece barrel

Norseman model offers heaviest gauge steel body available on the market optimal for heavy industry use and rental fleets

Adjustable output control for maximum fuel efficiency (Workman model)

Save fuel with adjustable shut-off (Norseman model)

Manufactured in Wisconsin from durable components to provide years of dependable performance*

No electricity required, so great for early phases of new construction

Workman® and Norseman® heaters are direct fired therefore require proper ventilation. Always install and use the heater in accordance with the owner's manual and instructions.

SUN BLAST®
Radiant Portable Heaters

Warm objects like the sun
Easy spot-heat

- ✔ **No electricity required**
- ✔ **99% direct-fired fuel efficiency** improved by adjustable shut-off controls that also save fuel
- ✔ **Built to last** made from durable materials with high temperature paint
- Lightweight design at less than 50 lbs with folding handle and wheels
- Hose and regulator included with LP models

MODELS AVAILABLE IN:

LP | NG

SUN BLAST®	35	HD 100	HD 100N	125	125N
BTU/HR rating	35,000	50,000 - 100,000	50,000 - 100,000	125,000	125,000
Fuel type	LP	LP	NG	LP	NG
Inlet gas pressure LP min/max (in W.C.)	22.0	13.5	13.5	13.5	7.0
Fuel consumption LP gas max (lb/hr)	1.6	2.1	-	5.8	-
Fuel consumption NG gas max (cu ft/hr)	-	-	100	-	125
Operating time 20 lb LP cylinder (hr)	12.5	-	-	-	-
Ignition type	Piezo	Piezo pilot	Piezo pilot	Piezo pilot	Piezo pilot
Unit length (in)	12.4	16.0	16.0	16.5	16.5
Unit width (in)	10.4	16.0	16.0	16.2	16.2
Unit height (in)	37.5	32.5	32.5	35.0	35.0
Shipping weight (lb)	30.0	49.0	49.0	43.0	43.5
Control valve	S	S	S	S	S
Excess flow valve	S	S	S	S	S
Safety tip over switch	S	S	S	S	S
Preset regulator	S	S	S	S	S
POL	S	S	S	S	-
Certification	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA	U.S. & CA

S=Standard O=Optional

Accessories (sold separately):
- Regulator, NG (second stage), HD 100N, 500-07087
- Gas hose, HD 100, 1/2 in. x 50 ft., 500-132991
- Gas hose, HD 100N, 3/4 in. x 50 ft., 500-133317

CA RESIDENTS:
⚠ WARNING
Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

HEAT WITHOUT ELECTRICITY

Radiant heat warms objects fast.

Like the sun, radiant heat warms objects not the air. Flat panel model provided.

No electricity required, so great for early phases of new construction

Sun Blast 35 can operate from convenient 20 lb. propane tank

Sun Blast 35 provides directional heat

Get 360° heat throw with Sun Blast 100 and 125

Option to hang during operation to free-up floorspace

Tip over switch shuts down for safey

Heavy-duty body made from 16-gauge galvanized steel

Easy push-button Piezo ignition

Stacks for storage and transportation

7-setting thermostatic controller with recessed controls to prevent damage

Sun Blast® heaters are direct fired therefore require proper ventilation. Always install and use the heater in accordance with the owner's manual and instructions.

TORCHES

Gas Handheld Portable Torches

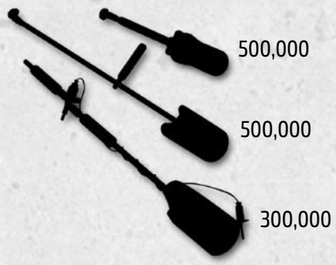
Year-round handheld torches

For thawing pipes, burning brush and more

- ✔ **Easy to operate** with lightweight handle, manual or pilot light models, and shut-off safety valves on some models
- ✔ **Built to last** with steel and cast-iron heads

ALL MODELS AVAILABLE IN:

LP



TORCHES	Torchman™ SV	Torchman™ 500	Bertha™ 500
BTU/HR rating	300,000	500,000	500,000
Fuel type	LP	LP	LP
Ignition type	Manual	Manual	Manual
Fuel consumption LP gas max (lb/hr)	14.0	23.2	23.2
Fuel consumption NG gas max (cu ft/hr)	-	-	-
Head type	Steel	Steel	Cast iron
Assembled length (in)	29.5	36.0	22.0
Control valve	S	S	S
Excess flow valve	S	S	S
Safety shut-off valve	Yes	-	-
Preset regulator	S	-	O*
POL	S	S	O**
Gas hose (10 f. U.S./15 ft CA)	S	S	S
Thermocouple	S	-	-
Unit weight (lb)	5.2	3.5	7.0
Shipping weight: bulk packed (lb)*	-	-	7.0
Shipping weight: individually packed (lb)	-	-	-
Shipping weight: skin packed (lb)*	8.5	6.0	7.5
Certification	U.S & CA	U.S & CA	U.S. only

S=Standard O=Optional

*Bulk pack sold in packages of 8 torches; Skin packed sold in packages of 4 torches.

MADE IN USA
OF U.S. & IMPORTED PARTS

CA RESIDENTS:
WARNING
Cancer and reproductive harm. See
www.P65Warnings.ca.gov.

PC-31
Portable Evaporative Cooler

Combines the low operating costs your customers want with rental-ready features to protect your investment

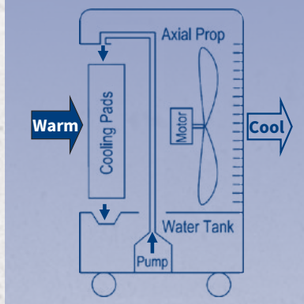
✔ Rental-ready features

- Automatic pump shut-offs prevents pump burnout when water runs out
- Quiet operation at less than 60 dB
- Adjustable with louvers that allow airflow to be adjusted up or down
- Option to set run times

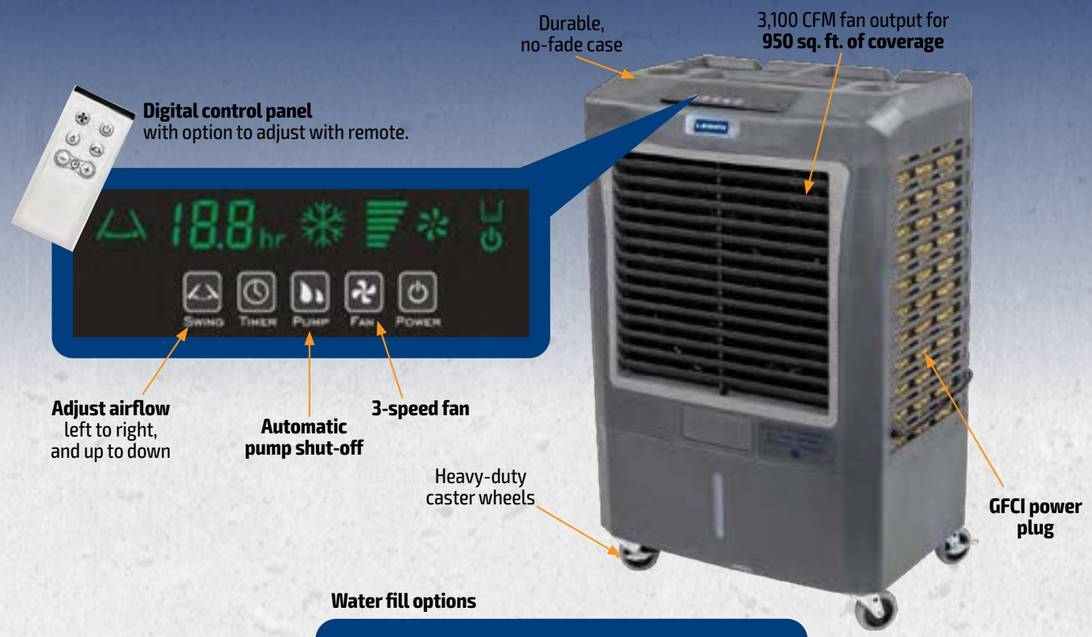
✔ Low operating cost

- 1-gal water tank provides 3-4 hours or runtime with easy to read water level display
- Convenient garden hose connection for continuous fill
- Operates from standard circuits with low amp draw and safe GFCI connection

Cooling Technology



Water from an onboard tank is pumped to the top of a filter-like cooling pad. Then, a 3100 CFM fan pulls warm, environmental air over the filter and pushes out air with a cooling effect 30+ feet.



Water fill options

COOLING CHART		RELATIVE HUMIDITY						
		20%	30%	40%	50%	60%	70%	
Ambient Temp °F	75°F	-24	-21	-18	-12	-14	-12	Feels cooler °F (approx. 10ft away)
	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 area	950 sq. ft.
Airflow delivery	3,100 CFM
Fan motor	1/5 H.P. 115 V 3 speed
Power requirement	115 V
Amps	2.8
Water tank capacity	10.3 Gal
Run time capacity	3-4 hours
Max water connection pressure	50 PSI
Unit dimensions	38”H X 24”W X 17”D
Unit weight	45 Lbs.
One year warranty	S

FIT YOUR JOB SITE

WHAT BTU/H IS NEEDED TO HEAT A GIVEN AREA?

1. Multiply room length x width x height to determine total cubic 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

CUBIC FEET	RISE IN TEMPERATURE							
	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
4,000	5,320	10,640	15,960	21,280	26,600	31,920	37,240	42,560
8,000	10,640	21,280	31,920	42,560	53,200	63,840	74,480	85,120
12,000	15,960	31,920	47,880	63,840	79,800	95,760	111,720	127,680
16,000	21,280	42,560	63,840	85,120	106,400	127,680	148,960	170,240
20,000	26,600	53,200	79,800	106,400	133,000	159,600	186,200	212,800
24,000	31,920	63,840	95,760	127,680	159,600	191,520	223,440	255,360
28,000	37,240	74,480	111,720	148,960	186,200	223,440	260,680	297,920
32,000	42,560	85,120	127,680	170,240	212,800	255,360	297,920	340,480
36,000	47,880	95,760	143,640	191,520	239,400	287,280	335,160	383,040
40,000	53,200	106,400	159,600	212,800	266,000	319,200	372,400	425,600
44,000	58,520	117,040	175,560	234,080	292,600	351,120	409,640	468,160
48,000	63,840	127,680	191,520	255,360	319,200	383,040	446,880	510,720
52,000	69,160	138,320	207,480	276,640	345,800	414,960	484,120	553,280
56,000	74,480	148,960	223,440	297,920	372,400	446,880	521,360	595,840
60,000	79,800	159,600	239,400	319,200	399,000	478,800	558,600	638,400
64,000	85,120	170,240	255,360	340,480	425,600	510,720	595,840	680,960
68,000	90,440	180,880	271,320	361,760	452,200	542,640	633,080	723,520
72,000	95,760	191,520	287,280	383,040	478,800	574,560	670,320	766,080
76,000	101,080	202,160	303,240	404,320	505,400	606,480	707,560	808,640
80,000	106,400	212,800	319,200	425,600	532,000	638,400	744,800	851,200
84,000	111,720	223,440	335,160	446,880	558,600	670,320	782,040	893,760
88,000	117,040	234,080	351,120	468,160	585,200	702,240	819,280	936,320
92,000	122,360	244,720	367,080	489,440	611,800	734,160	856,520	978,880
96,000	127,680	255,360	383,040	510,720	638,400	766,080	893,760	1,021,440
100,000	133,000	266,000	399,000	532,000	665,000	798,000	931,000	1,064,000
104,000	138,320	276,640	414,960	553,280	691,600	829,920	968,240	1,106,560
108,000	143,640	287,280	430,920	574,560	718,200	861,840	1,005,480	1,149,120
112,000	148,960	297,920	446,880	595,840	744,800	893,760	1,042,720	1,191,680
116,000	154,280	308,560	462,840	617,120	771,400	925,680	1,079,960	1,234,240
120,000	159,600	319,200	478,800	638,400	798,000	957,600	1,117,200	1,276,800

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

DOWNLOAD THE FREE HEAT ESTIMATOR APP

- Estimate how many heaters are needed for a space
- Quickly factor-in:
  - ✔ Height, width and length of space
  - ✔ Desired rise in temp
  - ✔ Heater model
- Provide a no-cost field tool for your entire team and/or customers

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

www.LBWhite.com/HeatEstimator

WHAT SIZE GAS SUPPLY IS NEEDED FOR MY HEATER?

HEATERS UP TO 250,000 BTU/H:

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 TO ALLOW SIMULTANEOUS VAPOR WITHDRAWAL FROM ALL CYLINDERS.

HEATERS GREATER THAN 250,000 BTU/H:

500 GALLON TANK - 1 HEATER PER TANK

1000 GALLON TANK - 2 HEATERS PER TANK

(100LB. OF PROPANE = 23.6 GAL (100/4.24))

ACCESSORIES

THERMOSTATS	FITS MODELS	DESCRIPTION	PART #
	FOREMAN® 230, 500, 750, PREMIER® 40, 80 2.0, 170 2.0, 350 DF 2.0	THERMOSTAT 25' CORD	30125
	FOREMAN® 230, 500, 750, PREMIER® 40, 80 2.0, 170 2.0, 350 DF 2.0	THERMOSTAT WITH 1.4' CORD	132976
REGULATORS	**FITS MODELS**	**DESCRIPTION**	**PART #**
	PREMIER® 40	REGULATOR, PROPANE GAS W/ POL & HAND WHEEL	26377
	PREMIER® 80 LP	PROPANE REGULATOR WITH HAND WHEEL CONNECTOR	26377
	PREMIER® 170 LP	PROPANE REGULATOR WITH HAND WHEEL CONNECTOR	26419
	PREMIER® 170 DF	DUEL-FUEL REGULATOR (PROPANE & NATURAL GAS)	26423
	PREMIER® 80, 170	VENTLESS REGULATOR	28690
	PREMIER® 350 DF	VENTLESS REGULATOR	28691
	PREMIER® 350 DF, FOREMAN® 230 DF, 500 DF	DUEL-FUEL REGULATOR (PROPANE & NATURAL GAS)	25141
	TORCHES	PROPANE REGULATOR	21788
GAS HOSE	**FITS MODELS**	**DESCRIPTION**	**PART #**
	PREMIER® 40	3/8" X 15' 3/8" NPT GAS HOSE KIT W/ADAPTER	22277
	UNIVERSAL	1/2" X 15' UNIVERSAL GAS HOSE KIT C/W 5 ADAPTERS	24600
	UNIVERSAL	1/2" X 20' UNIVERSAL GAS HOSE KIT C/W 5 ADAPTERS	25960
	UNIVERSAL	1/2" X 25' UNIVERSAL GAS HOSE KIT C/W 5 ADAPTERS	25961
	PREMIER® 350 DF, FOREMAN® 230 DF	3/4" X 15' GAS HOSE	25965
DUCTING	**FITS MODELS**	**DESCRIPTION**	**PART #**
	PREMIER® 40	8" X 12' WHITE DUCT KIT (INCL. ADAPTER RING)	132544
	PREMIER® 80, 170	12" X 12' GRAY DUCT KIT (INCL. ADAPTER RING)	26346
	PREMIER® 80, 170	12" X 12' WHITE DUCT KIT (INCL. ADAPTER RING)	26347
	PREMIER® 350	18" X 12' GRAY DUCT KIT (INCL. ADAPTER RING)	22835
	FOREMAN® 230, 500, 750	12" X 25' GRAY DUCT KIT (INCL. ADAPTER RING)	30052
	FOREMAN® 500, 750	20" X 25' GRAY DUCT RECIRCULATING KIT (INCL. CLAMP)	30053
	FOREMAN® 230, 500, 750	16" X 25' GRAY DUCT KIT (INCL. CLAMP)	30076
MISC.	**FITS MODELS**	**DESCRIPTION**	**PART #**
	FOREMAN® 230, 500, 750 DF	6" DIA. EXHAUST PIPE EXTENSION, STEEL	30161
	FOREMAN® 750 OIL	8" DIA. EXHAUST PIPE EXTENSION, STEEL	30161A
	FOREMAN® 230, 500, 750 DF	6" DIA. RAIN CAP	30162
	FOREMAN® 750 OIL	8" DIA. RAIN CAP	30162A
	FOREMAN® 500, 750 DF	STACKING KIT	30903
	FOREMAN® 500, 750	16" SINGLE DUCT ADAPTER KIT	30902
	TORCHES	POL STEM	571701
	TORCHMAN 500	TORCH HANDLE, SLIDING	25791

*For a complete listing of all accessories please see our Parts and Accessories Price List

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 65 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 our customers.

CUSTOMER SERVICE:

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

TECHNICAL SUPPORT:

Phone: 608-779-6101
Email: techsupport@lbwhite.com

ONLINE RESOURCES:

For frequently asked questions, service guides, troubleshooting and maintenance videos, or to find the closest service center to you, visit www.lbwhite.com

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