

L.B.WHITE NOVATIVE CLIMATE SOLUTIONS PORTABLE HEATING & COOLING

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

2024-2025



WE STAND **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. 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.

CUSTOMER SERVICE:

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

TECHNICAL SUPPORT:

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

ONLINE RESOURCES:

www

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



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					MPERATUR
FEET	6°C / 10°F	11°C / 20°F	17°C / 30°F	22°C / 40°F	28°C / 50°F
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
80,000	106,400	212,800	319,200	425,600	532,000
84,000	111,720	223,440	335,160	446,880	558,600
88,000	117,040	234,080	351,120	468,160	585,200
92,000	122,360	244,720	367,080	489,440	611,800
96,000	127,680	255,360	383,040	510,720	638,400
100,000	133,000	266,000	399,000	532,000	665,000
104,000	138,320	276,640	414,960	553,280	691,600
108,000	143,640	287,280	430,920	574,560	718,200
112,000	148,960	297,920	446,880	595,840	744,800
116,000	154,280	308,560	462,840	617,120	771,400
120,000	159,600	319,200	478,800	638,400	798,000
		6 B · //	<i>c</i>		

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

: 33°C / 60°F	39°C / 70°F	44°C / 80°F
31,920	37,240	42,560
63,840	74,480	85,120
95,760	111,720	127,680
127,680	148,960	170,240
159,600	186,200	212,800
191,520	223,440	255,360
223,440	260,680	297,920
255,360	297,920	340,480
287,280	335,160	383,040
319,200	372,400	425,600
351,120	409,640	468,160
383,040	446,880	510,720
414,960	484,120	553,280
446,880	521,360	595,840
478,800	558,600	638,400
510,720	595,840	680,960
542,640	633,080	723,520
574,560	670,320	766,080
606,480	707,560	808,640
638,400	744,800	851,200
670,320	782,040	893,760
702,240	819,280	936,320
734,160	856,520	978,880
766,080	893,760	1,021,440
798,000	931,000	1,064,000
829,920	968,240	1,106,560
861,840	1,005,480	1,149,120
893,760	1,042,720	1,191,680
925,680	1,079,960	1,234,240
957,600	1,117,200	1,276,800

DOWNLOAD THE FREE HEAT ESTIMATOR APP

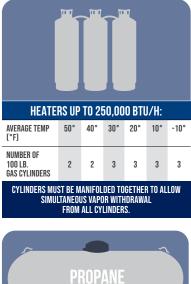
- Estimate how many heaters are needed for a space
- Quickly factor-in:
- ✓ Height, width and length of space
- ✓ Desired rise in temp Heater model
- Provide a no-cost field tool for your entire team and/or customers



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

www.LBWhite.com/HeatEstimator

WHAT SIZE GAS SUPPLY IS **NEEDED FOR MY HEATER?**



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])



Commander[™] Make-Up Air

Commander manages air conditions in construction sites where improved air quality, temperature control, and moisture reduction is a necessity. These areas demand tempered heat while maintaining positive pressure all done using the Commanders modulating control and powerful air flow that is proven.

- ✓ Constant air exchanges
- ✓ Modulating control reduces fuel costs
- ✓ Provides tempered fresh air
- Evenly heats interior and surfaces
- ✓ Maintains positive building pressure
- ✔ Available in 500,000 and 1,000,000 Btu/h



ALL MODELS AVAILABLE IN:





BTU/HR rating (min/max)
Heated air output (CFM)
Fuel type
Connection
Fuel consumption LP gas max (lbs/hr)
Fuel consumption NG gas max (cu ft/hr)
Amps
Electric supply (volts/hz/phase)
Electrical connection

COMMANDER™	500K	1000K
BTU/HR rating (min/max)	100,000 - 500,000	200,000 - 1,000,000
Heated air output (CFM)	3000	6000
Fuel type	LP/NG	LP/NG
Connection	1" NPT	1" NPT
Fuel consumption LP gas max (lbs/hr)	5.51	9.3
Fuel consumption NG gas max (cu ft/hr)	500	1000
Amps	11.1	8.5
Electric supply (volts/hz/phase)	120 / 60 / 1	240 / 60 / 1
Electrical connection	NEMA 5-20 120V, 20A 3-Wire	NEMA L6-20 240V / 20A, 3-Wire
Diagnostic indicator	S	S
Unit length (in)	61.88	72.44
Unit width (in)	32.00	35
Unit height (in)	52.08	56.08
Shipping weight (lb)	525 lb	637 lb
Single point lifting bale	S	S
Thermostat connection	Customer Hard Wired	Customer Hard Wired
Fork pockets	А	А
Remote digital temperature control	A	А
Remote thermostat - dial	A	А
Ventilation (fan only)	S	S
Regulator	A	А
Outlet duct diameter (in)	16	24
Inlet duct diameter (in)	20	24
Max duct length (ft)	100	100
LINK [™] Ready	S	S
Certified to ANSI 283.7 / CSA 2.14-2017	US / CAN	US Only

Accessories (sold separately): • Thermostat (No cord included, customer supplied, hard wire into the heater), 500-09381 • Remote Digital Temp Control, 500-133951

- Kit, Duct, Flexible, 24" Dia x 25', w/clamp, 500-133767
- Kit, Duct, Flexible, 16" Dia x 25', w/clamp, 500-30076
- 2nd Stage Regulator (For 500K and 1M), 500-132136
- Forklift Pocket Kit (For 500K), 500-133940A • Forklift Pocket Kit (For 1M), 500-133940B
- Kit, Duct, Flexible, 20" Dia x 25', w/clamp, 500-30053
- Kit, Stacking Base (For 500K), 500-133994A
- Kit, Stacking Base (For 1M), 500-133994B







5

COMMANDER[™]

Make-Up Air Unit: Make-Up Air is exterior air that is tempered and distributed evenly in the interior. The air is monitored and tempered to replace and exchange the existing air.



Stackable Stacks 3 units high for storage with optional stacking kit





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

Features

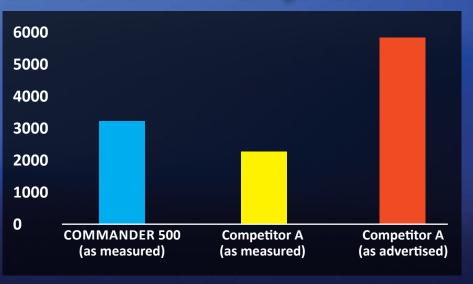






(i)

0 53



Commander CFM Comparison Commander[™] manages air conditions in construction sites. These areas demand tempered heat while maintaining positive pressure achieved with our powerful air flow that is proven.

Remote Digital thermostat offering the same functionality as the internal temperature control, but tethered to a convenient location

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.

Fault indicators Top light indicates a High Limit condition, while bottom light indicates a heater fault.

Commander™ CFM Comparison



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 an 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

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

ALL MODELS AVAILABLE IN: Oil (Diesel) DF (LP/NG)







ADE IN USA

FU.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 diese
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)	-	42	-	62	-	62
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
Amps (start/continuous)	32/9	32/9	35/14.8	35/14.8	35/12	35/12
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
Unit weight (lbs)	326	363	674	780	684	786
Ship weight (lbs)*	450	460	852	960	877	970
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	0	0	0	0	0	0
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 separately

Accessories (sold separately):

- Thermostat, Nema 4X w/ 25 ft. cord, 30125
- Duct, 12" x 25', Fire-retardant, w/ Clamp, 30052 • Duct, 20" x 25', Recirculating, w/ Clamp, 30053
- Duct, 16" x 25', 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
- Gas Hose, 3/4" x 15', Foreman 230/500, 25965 • Gas Hose, 1" x 15', Foreman 750, 132047
- Regulator, all Foreman DF, 25141*
- Heater Stacking Kit, Foreman 500/750, 30903
- Duct Adapter Kit, 16", 30902
- * 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.



CLEAN, DRY HEAT

Forem n 500 DI

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

Quiet operation

Reduces sound pollution and makes meeting OSHA standards easier with less than 70 dB of sound output while operating.

Rental ready

Indoor-outdoor rated

• Operate outdoors and duct 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

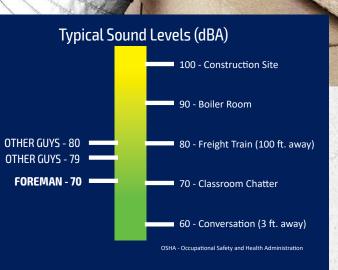
L.B.WHITE

• 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 door • Foreman 750 does not require a forklift to move
- Equipped with single point lifting bail and forklift pockets on 500/750

Efficient off season storage





One-person portability



Stands on end (Foreman 230)



Lifting bail



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

Fuel-conscience features



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

Recirculate heated air

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.

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 rather than calendar days.

10



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.



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.

Burner-specific insights

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



Trimmed and simplified raw heat

Vented to provide clean, dry heat

- ✓ Simplified units with less electronics to deal with
- ✔ Quiet with less than 70 dB operation
- ✓ **Optimal portability** with wheels, handle, fit through standard 36" door frame, single point lifting bail
- ✓ 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 an onboard fuel tank and option to run diesel #1 or #2

ALL MODELS AVAILABLE IN:

Oil (Diesel) / DF (LP/NG)



JOURNEYMAN®	360 DF	
Btu/h Rating	360,000	360,000
Fuel type	LP/NG	#1 or #2 diesel
Fuel consumption max LP (lbs./hr)	16.7	-
NG (cu.ft/hr)	360	-
Diesel 1 or 2 (g/hr)	-	2.6
Inlet gas pressure min/max LP (in W.C.)	7/13.5	-
NG (in W.C.)	7/13.5	-
Burner type	RIELLO®	BECKETT®
Tank capacity (gal)	-	40
Blower fan output (CFM)	2,000	2,000
Outlet static pressure (in W.C.)	0.7 (two 12" outlets) / 0.5 (one 16" outlet)	0.7 (two 12" outlets) / 0.5 (one 16" outlet
Motor horsepower	1/2	1/2
Electrical supply (volts/hz/phase)	120/60/1	120/60/1
Outlet duct diameter	12" (for two ducts) / 16" (for one duct)	12" (for two ducts) / 16" (for one duct)
Outlet duct connections	2	2
Running amps	8	8
Unit length (in)	82	82
Unit width (in)	30.75	30.75
Unit height (in)	50.5	50.5
Unit weight (lbs)	328	350
Ship weight (lbs)	445	457
Third party certified to ANSIZ83.7/CSA 2.14-2017	OMNI	OMNI

Accessories (sold separately): • Thermostat, Nema 4X w/ 25 ft. cord, 30125 • Duct, 12" x 25', Fire-retardant, w/ Clamp, 30052 • Duct, 16" x 25', Fire-retardant, w/ Clamp, 30076

- Rain Cap, 30162
 Exhaust Pipe Extension, 30161
 Duct Adapter, 30902
- Voltmeter Box, 133663
- Forklift Pocket Kit, 133611
- Gas Hose 3/4", 25965
- Regulator, 25141*

* When inlet pressure to heater is 2-10 P.S.I, use regulator 500-25141











✓ User-friendly electric design ✓ For areas where heating & drying is needed ✓ Capable of quick, high temp rises ✔ Ventilation & air circulation are not needed

Jobsite Tough

- Industrial-grade fan
- Stainless jacketed heating coils
- Powder coated steel housing
- High-quality sealed motor

Safe & Reliable

- Quiet, combustion-free operation
- No fuel spills or odors
- Overheat protection at 104° F
- UL approved



Not available in Canada



VOLT [°]	1.5	3	6	9	18-1	18-3	40	60
Wattage	1,500	3,000	6,000	9,000 (9kW) 6,000 (6kW)	19,000 (19kW) 13,000 (13kW)	19,000 (19kW) 13,000 (13kW)	40,000 (40kW) 32,000 (32kW) 16,000 (16kW)	60,000 (60kW 48,000 (48kW 24,000 (24kW
BTU/H Rating	5,100	10,200	20,500	30,700 (9kW) 20,500 (6kW)	65,000 (19kW) 45,000 (13kW)	65,000 (19kW) 45,000 (13kW)	136,500 (40kW) 102,400 (32kW) 51,200 (16kW)	205,000 (60k) 164,000 (48k) 82,000 (24k)
Electric supply (volts/hz/phase)	120/60/1	240/60/1	240/60/1	240/60/1	240 or 208*/60/1	240 or 208*/60/3	480/60/3	480/60/3
Amps (Starting/Continuous Operation)	12.5	12.5	25	37.5 (9kW) 25 (6kW)	81 (19kW) 54 (13kW)	47 (19kW) 31 (13kW)	50 (40kW) 40 (32kW) 20 (16kW)	75 (60kW) 60 (48kW) 30 (24kW)
Blower Fan Output (CFM)	116	205	250	350	590 or 1,000	590 or 1,000	1,765	1,765
Power Cord	10ft, 12AWG	10ft, 16AWG	10ft, 8AWG	10ft, 8AWG	Not included	Not included	Not included	Not include
Max Cable Length	N/A	N/A	100-ft (8AWG, 3-wire, SOOW)	50-ft (8AWG, 3-wire, SOOW) 100-ft (6AWG, 3-wire, SOOW)	50-ft (2AWG, 3-wire, SOOW)	50-ft (6AWG, 4-wire, SOOW) 100-ft (4AWG, 4-wire, SOOW)	50-ft (4AWG, 4-wire, SOOW) 100-ft (2AWG, 4-wire, SOOW)	50-ft (2AWC 4-wire, SOO
Plug	NEMA 5-15P	NEMA 6-15P	NEMA 14- 30P	NEMA 14-50P	Not included	Not included	Not included	Not include
Ambient Thermostat Temperature Range	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F	32 - 100 °F
Length (in.)	11	11	20	23	32	32	46	46
Width (in.)	12	10	12	14	14	14	20	20
Height (in.)	8	15	17	18	20	20	25	25
Unit Weight (lbs.)	13.7	20.3	32.9	39.9	62	62	125	125
Shipping Weight (lbs.)	15	22	40	42	65	65	130	130
Running Decibels (dba)	47	50	55	55	58	58	82	82
Three Heat Output Modes	-	-	-	-	S	S	S	S
Powder Coated Steel Housing	S	S	S	S	S	S	S	S
Wheels	-	-	-	-	-	-	S	S
UL Approved	S	S	S	S	S	S	S	-

S=Standard

* Does not operate at full output

Accessories (sold separately): • 500-133965, Volt[®] 1.5 Hanging Kit • 500-133975, Volt[®] 3 Hanging Kit • 500-133980, Volt[®] 6 Hanging Kit





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

MODELS AVAILABLE IN: DF (LP/NG)





PREMIER®	40	80, 2.0	80 DF, 2.0	170, 2.0	170 DF, 2.0	350 DF, 2.0	700 DF
BTU/HR rating	40,000	80,000	80,000	170,000	170,000	350,000	700,000/350,000
Heated air output (CFM)	330	450	450	1,200	1,200	2,500	5,000
Fuel type	LP	LP	LP, NG	LP	LP, NG	LP, NG	LP, NG
Fuel consumption LP gas max (lbs/hr)	1.9	3.7	3.7	7.9	7.9	16.2	32.4 / 16.2
Fuel consumption NG gas max (cu ft/hr)	-	-	80	-	170	350	700 / 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	28 / 12
Electric supply (volts/hz/phase)	120/60/1	120/60/1	120/60/1	120/60/1	120/60/1	120/60/1	240/60/1
Motor horsepower	1/12	1/8	1/8	1/3	1/3	1	1
Running decibels	62	70	70	70	70	72	70.4
Unit length (in)	24.8	28	28	32.3	32.3	48.3	47.5
Unit width (in)	14.5**	13.5	13.5	24.3	24.3	28.0	28.0
Unit height (in)	16.3	22.0	22.0	32.0	32.0	41.0	69.0
Shipping weight (lb)	60	79	79	161	162	320	640
Case material	Tri-Shield [™] ***						
Electrical connection	Mounted inlet						
Thermostat connection	Mounted inlet						
Wheels	-	-	-	Semi-pneumatic	Semi-pneumatic	Semi-pneumatic	0
Ventilation (fan only)	S	S	S	S	S	S	S
Gas hose, regulator & thermostat	S	S	S	S	S	S	0
Outlet duct diameter (in)	8	12	12	12	12	18	18
Outlet duct max length (ft)	12	12	12	12	12	25	25
LINK™ capable	-	-	-	-	-	S	-
Certified to ANSI/CSA standards	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):

- 500-133671, 2-1 Outlet adapter for 24" duct
- 500-132544, Duct, 8" x 12' w/ magnetic collar • 500-26347 Duct, 12" x 12' w/ magnetic collar
- 500-22835, Duct, 18" x 12' w/ magnetic collar
- 500-133767, Duct, 24" x 25' w/ magnetic collar
- 500-132976, T-Stat with 1.4' cord
- 500-30125, T-Stat with 25' cord
- 574217, Bracket, Thermostat holder
- 500-132047, Hose, 1" x 15', 1 NPT both ends
- 500-25141, Regulator, LP • 500-133766, Kit Mobility

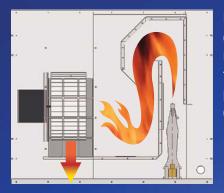
		Premier 700DF
	ma Premier 350 DF= 😤	Premier 700DF
Premier 170 DF		
0		



EVEN, EFFICIENT HEAT

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

Easy to setup and operate



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 and CSA 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.



(CLASSROOM CHATTER)

OTHER GUYS (FREIGHT TRAIN)









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.

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.

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. Most models ship with this standard, with the exception of the Premier 700. This and the bracket can be purchased separately.

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.

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



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:







100	Unit length (in)
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Unit width (in)
	Unit height (in)
	Unit weight (lbs)
	Ship weight (lbs)
	Built-in volt meter
	Built-in thermostat
	Vent mode (fan only)
	Certified

BOSS™

Fuel type Ignition type

BTU/HR Rating

Blower fan output (CFM)

Amps (start/continuous)

Motor horsepower

Electric supply (volts/hz/phase)

Fuel Consumption LP Gas (lbs/hr) Fuel Consumption NG (cu ft/hr) Inlet gas pressure LP min/max (in W.C.) Inlet gas pressure NG min/max (in W.C.)

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

ADE IN USA F U.S. & IMPORTED PARTS



400 DF	1000 DF
400,000	1,000,000
2,500	5,000
Dual Fuel – LP/NG	Dual Fuel – LP/NG
Spark	Spark
18.6	46.3
400	1,000
7"/13.5"	7"/13.5"
7"/13.5"	7"/13.5"
27.2/7.1	23.2/8.4
120/60/1	120/60/1
1/2	1
50 (with handle)	60.1
21.3	30.8
22.5	32.3
115	350
180	440
S	S
S	S
S	S
U.S. & CA	U.S. & CA



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

0

L.B.WHITE BOSS 1000 DF



Stackable

0 0



L.B.WHITE BOSS 400 DF

0

0









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



Quickswitch[™] Dual Fuel LP or NG



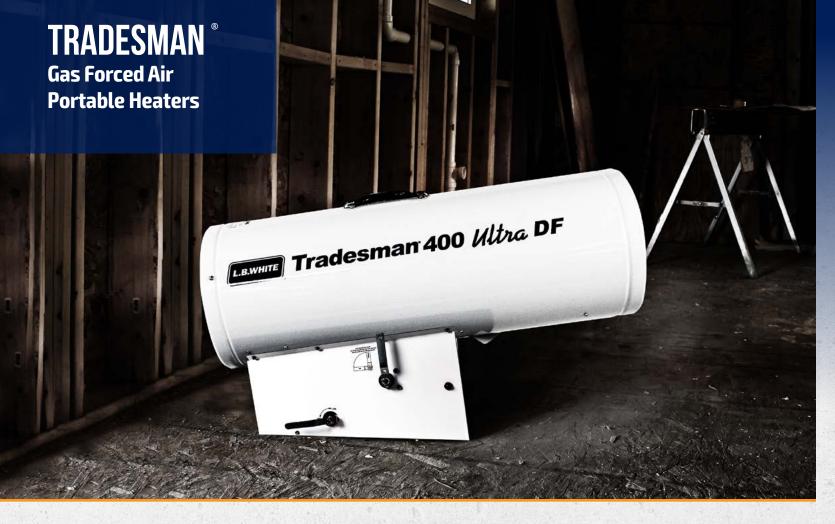
Onboard voltmeter



Thermostat control

Diagnostic light

When space is up to temp, move heated air using the unit's fan.

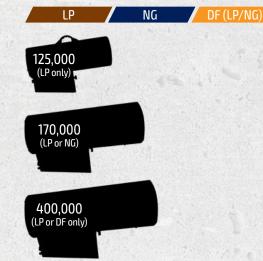


Reliable, directional heat

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 with 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

MODELS AVAILABLE IN:





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	29.9	29.9	34.0	34.0	51.0	51.0	55.0
Case material	Tri-Shield [™] **							
High temp safety switch	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	0	0	S	S	S
Certification	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





RELIABLE, DIRECTIONAL HEAT

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

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

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

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

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

Knob, Leg

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

Tradesman 10 Whe



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*

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.

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



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

Thermostatic control saves fuel automatically



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



Turnkey directional heat

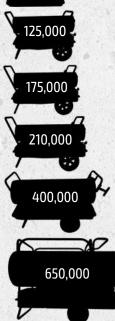
Forced air with onboard fuel

- ✓ 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

ALL MODELS AVAILABLE IN:

Oil (Diesel)

75,000





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					

S=Standard O=Optional

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



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

L.B.WHITE Tradesman K210

Move with ease using handles and wheels

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

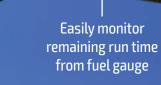
Lawrine Tradesman K175

Convenient self-contained fuel tank

Onboard fuel pressure

gauge for easy service

(K75 thru K210 models)



OPTION TO RUN FROM MULTIPLE FUEL TYPES:

Kerosene

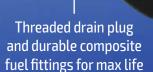
Diesel #1 or #2

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.

Control fuel usage and comfort with thermostat and temperature display





Dependable dual-prong electronic spark ignition



Auxiliary 110V power receptacle (K125 thru K400 models)



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)





WORKMAN AVAILABLE IN:





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)	0	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.





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. No assembly required (Workman model)



(Workman model)



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

L.B.WHITE Workman 225 Plus



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.

LEWHTE NORSEMAN 200 Plus

Unique top design provides superior heat distribution

Heavy-duty, one-piece barrel

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

> Save fuel with adjustable shut-off (Norseman model)

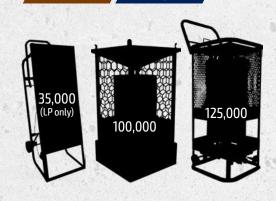


Warm objects like the sun

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





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., 500-133318





HEAT WITHOUT ELECTRICITY

Radiant heat warms objects fast.

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



Sun Blast 35 provides directional heat



Get 360° heat throw with Sun Blast 100 and 125

> Easy push-button Piezo ignition

> > 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.



No electricity required so great for early phases of new construction



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

Option to hang during operation to free-up floorspace



Heavy-duty body made - from 16-gauge galvanized steel

Stacks for storage and transportation

.B.WHITE



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:



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	-	0*
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	СА	CA	-

S=Standard O=Optional

*Recommended Option

Included standard with optional regulator assembly *Bulk Pack sold in packages of 8 torches; Skin packed sold in packages of 4 torches.

CA - Canada model defined by separate configuration.



1 4.	
+	
A.	I A



ACCESSORIES

THERMOSTATS	FITS MODELS	DESCRIPTION	PART #
	FOREMAN® 230, 500, 750, Premier® 40, 80 2.0, 170 2.0, 350 df 2.0, 700 df	THERMOSTAT 25' CORD - BRACKETS NOT INCLUDED	30125
Alterna .	PREMIER® 40, 80 2.0, 170 2.0, 350 DF 2.0, 700 DF	THERMOSTAT WITH 1.4' CORD - BRACKETS NOT INCLUDED	132976
REGULATORS	FITS MODELS	DESCRIPTION	PART #
9	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	DUAL-FUEL REGULATOR (PROPANE & NATURAL GAS)	26423
	PREMIER [®] 80, 170	VENTLESS REGULATOR	28690
	PREMIER [®] 350 DF	VENTLESS REGULATOR	28691
	PREMIER [®] 350 DF, 700 DF, FOREMAN [®] 230, 500, 750*	DUAL-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, 500	3/4" X 15' GAS HOSE	25965
	FOREMAN® 750	1" X 15' GAS HOSE	132047
DUCTING	FITS MODELS	DESCRIPTION	PART #
	PREMIER® 40	8" X 12' WHITE DUCT KIT WITH MAGNETIC COLLAR	132544
	PREMIER [®] 80, 170	12" X 12' WHITE DUCT KIT WITH MAGNETIC COLLAR	26347
	PREMIER [®] 350	18" X 12' WHITE DUCT KIT WITH MAGNETIC COLLAR	22835
	PREMIER [®] 700 DF	24" X 25" WHITE DUCT KIT WITH MAGNETIC COLLAR	133767
	FOREMAN [®] 230, 500, 750	12" X 25' WHITE DUCT KIT (INCL. CLAMP)	30052
	FOREMAN [®] 500, 750	20" X 25' WHITE DUCT RECIRCULATING KIT (INCL. CLAMP)	30053
	FOREMAN [®] 230, 500, 750	16" X 25' WHITE DUCT KIT (INCL. CLAMP)	30076
MISC.	FITS MODELS	DESCRIPTION	PART #
	FOREMAN [®] 230, 500, 750 DF, JOURNEYMAN	6" DIA. EXHAUST PIPE EXTENSION, STEEL	30161
	FOREMAN [®] 750 OIL	8" DIA. EXHAUST PIPE EXTENSION, STEEL	30161A
	FOREMAN [®] 230, 500, 750 DF, JOURNEYMAN	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
-		DOI STEM	571701
	TORCHES	POL STEM	5/1/01

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

NOTES



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 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

411 MASON STREET • ONALASKA, WISCONSIN 54650 (800) 345-7200 - (608) 783-6115 FAX WWW.LBWHITE.COM

