

LIMITED RESIDENTIAL WATER HEATER WARRANTY

WHAT DOES THIS LIMITED WARRANTY COVER?

This limited warranty covers both the glass-lined tank and component parts for leakage or other malfunction caused by defects in materials and/or workmanship. It extends to the first owner as long as the water heater remains installed at its original place of installation.

WHAT DOES THIS LIMITED WARRANTY NOT COVER?

1. This limited warranty does not cover leakage or other malfunction caused by:

- a. Excessive use and specifically, non-residential use.
- b. Defective Installation, and specifically, any installation which is made:
 - I) in violation of applicable state or local plumbing, housing or building codes, or
 - II) without a certified American Gas Association, ASME, or comparable combination temperature and pressure relief valve, or
 - III) contrary to the written instructions furnished with this unit.
- c. Adverse local conditions, and specifically, sediment or lime precipitate in the tank or corrosive elements in the atmosphere.
- d. Misuse, and specifically, operation and maintenance contrary to the written instructions furnished with the unit, removal of magnesium anode, disconnection, alteration or addition of non-approved components or apparatus, operation with fuels or at settings other than those set forth on the rating plate, or accidental or other exterior damage.

2. This warranty also does not cover:

- a. Production of noise, taste, odors, discoloration or rusty water.
- b. Damage to surrounding area or property caused by leakage or malfunction.
- c. All labor costs associated with the replacement and/or repair of the unit, including:
 - I) examination and replacement of parts claimed to be defective
 - II) any freight, shipping or delivery charges
 - III) any removal, installation or re-installation charges
 - IV) any material, and/or permits required for installation, re-installation or repair
 - V) charges to return the defective waterheater and/or component part to the manufacturer.

- d. Any failed component of the water heating system not manufactured as part of the water heater.
- e. Any water heater altered without prior written approval from Lochinvar Corporation.
- f. Any damage or failure due to contaminated air, including, but not limited to, sheetrock particles, plasterboard particles, lint, dirt or dust, entering the water heater or any of its components.
- g. Any damage or failure due to chemically contaminated combustion air, including, but not limited to, chlorine gas, halogenated hydrocarbons, Freon, entering the water heater or any of its components.

WHAT IS THE PERIOD OF COVERAGE?

This limited warranty is effective 60 days from the date of manufacture as determined by the serial number. To determine length of coverage, check model number against the following chart. Model number and serial number are found on the rating plate affixed to the water heater.

MODEL NUMBER PREFIX	**LIMITED TANK WARRANTY
BF	6 YRS
BR	6 YRS
DV, LV	6 YRS
EC, ES, ET, LS, LT	6 YRS
FT	6 YRS
JR	6 YRS
MD, MH	6 YRS
MT	6 YRS
PR	6 YRS
DD, XD, XP	10 YRS
EG, LD	10 YRS
EM	10 YRS
PV, XV	10 YRS
SD, SF, SV, SR	10 YRS
SC, SS, ST, XS, XT	10 YRS
TT	10 YRS

ALL PARTS ARE WARRANTED FOR 6 YEARS.

**Any water heater used for other than a single family housing unit will be covered for three years on tank and one year on parts regardless of any other warranty period specified. All replacement water heaters and parts carry the balance of the original warranty, i.e. if an original ten (10) year warranted water heater develops a leak due to defects in materials/workmanship after nine (9) years, the replacement unit is warranted for the balance remaining on the original ten (10) year warranty, or one (1) year in this example.

LIMITED RESIDENTIAL WATER HEATER WARRANTY (CONTINUED)

WHAT IS THE DURATION OF THE IMPLIED WARRANTY?

Any implied warranty, including the warranty of merchantability imposed on the sale of the water heater under the laws of the state of sale are limited in duration to one year from date of original installation.

HOW DOES STATE LAW RELATE TO THE WARRANTY?

Some states do not allow:

1. Limitations on how long an implied warranty lasts.
2. Limitations on incidental or consequential damages.

The above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WHAT WILL WE DO TO CORRECT PROBLEM?

If a defect occurs within the warranty period, we will:

1. Provide a comparable replacement water heater of our manufacture, (or at our option repair) any unit which develops a leak in the steel tank within the tank warranty period. To obtain a replacement, you must have the rating plate from the defective unit.
2. Provide a replacement part (or at our option repair) any part which fails to function within the parts warranty period. To obtain the replacement, you **must** turn in the defective part. We reserve the right to verify any claims of defect by inspection.

NOTE: If government regulations require the replacement water heater to have features not found on the original water heater, you will be required to pay the difference in price represented by the required features.

WHAT WILL WE NOT DO?

We will not:

1. Repair or replace any water heater, or part, subject to conditions outlined in "What Does This Limited Warranty Not Cover?"
2. Reimburse any costs associated with repair and/or replacement.
3. Replace and/or repair any water heater without complete model number /serial number.
4. Replace any water heater without prior receipt of actual rating plate from the appliance.

WHAT SHOULD YOU DO TO KEEP THE WARRANTY IN EFFECT?

To facilitate warranty service, you should:

1. Follow all instructions enclosed with the product.
2. Retain all bills of sale or receipts for proof of installation, etc.
3. Contact your installer or dealer as soon as any problem or defect is noticed.
4. When necessary, allow our chosen representative, to inspect the unit.
5. For your reference, fill in the Model and Serial Number found on the unit's Rating Plate:

Model Number _____

Serial Number _____

Date of Installation _____

SAFETY WARNING

Water heaters are heat producing appliances and to avoid damage or injury in the event of possible overheating of the outer jacket:

1. No materials should be stored against the jacket.
2. Care should be taken to avoid unnecessary contact (especially by children) with the jacket.

UNDER NO CIRCUMSTANCES SHOULD FLAMMABLE MATERIALS, SUCH AS GASOLINE OR PAINT THINNERS, BE USED OR STORED IN THE VICINITY OF THE HEATER OR IN ANY LOCATION FROM WHICH FUMES COULD REACH THE HEATER.

For your comfort, enjoyment and safety, please read the enclosed operation instructions carefully.



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WARRANTY INFORMATION BY SERIAL NUMBER

Warranty Code Explanation

1. Water heater tanks for residential use have a six (6) year limited warranty effective 60 days from date of manufacture as determined by the serial number.
2. Water heater tanks for commercial use have a three (3) year limited warranty effective 60 days from date of manufacture as determined by the serial number.
3. Storage Tanks have a five (5) year limited warranty effective 60 days from date of manufacture as determined by the serial number.
4. Heat exchangers on copper-tube water heater models (IW, PF, CF, CW) have a five (5) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
5. Heat exchangers on copper-tube water heater models (EW, RW, CW 90-500) have a three (3) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
6. Heat exchangers on copper-tube boiler models (IB, PB, CH, CB & EB) have a ten (10) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
7. Heat Exchangers on stainless tube boiler models (KB 80-285, WB, WH) have a twelve (12) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
8. Heat Exchangers on stainless tube boiler models (KB 399-800, SB, FB) have a ten (10) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
9. Heat Exchangers on stainless tube water heater models (AW) have a five (5) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
10. Heat exchangers on copper-tube boiler models (RB, CB 45-260) have a twenty (20) year limited warranty effective 60 days from the date of manufacture as determined by the serial number.
11. All residential tank-type water heater parts have a six (6) year warranty from the date of purchase.
12. All other residential parts and all commercial parts have a one (1) year warranty from the date of purchase.
13. All shipping charges must be prepaid for any warranted item returned to Lochinvar at either Detroit, Michigan or Lebanon, Tennessee.

THIS OUTLINE IS NOT A WARRANTY.
FOR COMPLETE INFORMATION, CONSULT THE WRITTEN LIMITED WARRANTY OR LOCHINVAR'S CONSUMER PRODUCTS DIVISION.

GAS, ELECTRIC & SOLAR	1979 - 2011
COMMERCIAL TANK TYPE GAS	1979 - 2011
LIGHT DUTY COMMERCIAL ELECTRIC	1979 - 2011
EXPLOSION RESISTANT ELECTRIC	1979 - 2011
JACKETED TANKS (RJS & RJA)	1986 - 2011
STANDARD HI-POWERS	1997 - 2011
COMPACT ASME HI-POWER	1997 - 2011
OIL FIRED	1992 - 2006

The above series has a two letter, six or seven number system, which is used to distinguish the warranty date.

Example: KJ-1000130...Built in September of 1993

The first letter signifies the year produced.
The second letter signifies the month produced.
The remaining numbers are production codes.

1 ST LETTER	2 ND LETTER
A = 2004	A = January
B = 2005	B = February
C = 2006	C = March
D = 2007	D = April
E = 2008	E = May
F = 2009	F = June
G = 2010	G = July
H = 2011	H = August
J = 2012	J = September
K = 1993	K = October
L = 1994	L = November
M = 1995	M = December
N = 1996	
P = 1997	
S = 1998	
T = 1999	
W = 2000	
X = 2001	
Y = 2002	
Z = 2003	

DATA PLATE LOCATION:

- A. Commercial Tank Type Gas, Oil Fired:**
Approximately half-way down the jacket on the front of the heater.
- B. Residential Tank Type Gas, Electric and Solar, Light Duty Commercial and Explosion Resistant Electric, Jacketed Tanks:**
Below the Lochinvar logo, approximately in the middle of the tank.
- C. Standard Hi-Power & Compact ASME Hi-Power:**
The upper right side of the jacket on the front of the heater.

Note: Residential products prior to serial number prefix SA have a five (5) year limited warranty.
Products starting with serial number prefix SA have a six (6) year limited warranty.

GAS, ELECTRIC & SOLAR	2011-Present
COMMERCIAL TANK TYPE GAS	2011-Present
LIGHT DUTY COMMERCIAL ELECTRIC	2011-Present
JACKETED TANKS (RJS Only)	2011-Present
STANDARD HI-POWERS	2011-Present
COMPACT ASME HI-POWER	2011-Present

The products listed above employ an eleven character alpha-numeric serial number system.

Example: 1142N012345...Built the 42nd week of 2011.

The first two characters signify the year built.
The second two characters signify the week built.
The fifth character signifies the manufacturing plant.
The remaining six characters are production codes.

1 ST TWO CHARACTERS	2 ND TWO CHARACTERS
11 = 2011	01 = 1st Week of the Year
12 = 2012	02 = 2nd Week of the Year
13 = 2013	03 = 3rd Week of the Year
14 = 2014	04 = 4th Week of the Year
15 = 2015	05 = 5th Week of the Year
16 = 2016	06 = 6th Week of the Year
17 = 2017	07 = 7th Week of the Year
18 = 2018	08 = 8th Week of the Year
19 = 2019	09 = 9th Week of the Year
20 = 2020	10 = 10th Week of the Year
21 = 2021	11 = 11th Week of the Year
	12 = 12th Week of the Year
	TO
	52 = 52nd Week of the Year

DATA PLATE LOCATION:

- A. Commercial Tank Type Gas:**
Approximately half-way down the jacket on the front of the heater.
- B. Residential Tank Type Gas, Electric and Solar, Light Duty Commercial, Jacketed Tanks:**
Approximately half to two-thirds down the length of the jacket on the front/right of the heater.
- C. Standard Hi-Power & Compact ASME Hi-Power:**
Under the Lochinvar nameplate on the front of the heater.

CUSTOM HI-POWER	1978-Present
JACKETED TANKS	1979-Present
COPPER-FIN	1981-Present
EnergyRite	2001-Present
POWER-FIN	1986-Present
MINI-FIN	1989-Present
COPPER-FIN II	1991-Present
EFFICIENCY+	1997-Present
INTELLI-FIN	2000-Present
SOLUTION	2004-Present
KNIGHT, KNIGHT XL	2005-Present
ARMOR	2007-Present
SHIELD	2008-Present
SYNC	2008-Present
CREST	2010-Present

The above models will have either a 7 character or a 12 character serial code.

Examples: J-930001...Built in September of 1993
A07H00123456 Built in January of 2007

First letter indicates month produced.

Next two numbers indicate year produced.

The remaining numbers are production codes.

1 ST LETTER	1 ST & 2 ND NUMBER
A = January	91 = 1991
B = February	92 = 1992
C = March	93 = 1993
D = April	94 = 1994
E = May	95 = 1995
F = June	96 = 1996
G = July	97 = 1997
H = August	98 = 1998
I = September	99 = 1999
J = October	00 = 2000
K = November	01 = 2001
L = December	02 = 2002
	03 = 2003
	04 = 2004
	05 = 2005
	06 = 2006
	07 = 2007
	08 = 2008
	09 = 2009
	10 = 2010
	11 = 2011
	12 = 2012

DATA PLATE LOCATION:

- A. Copper-Fin, Copper-Fin II, Efficiency+, Mini-Fin, Solution, KNIGHT XL, & ARMOR**
On the right of the heater with the water connections.
- B. Power-Fin, Intelli-Fin, SYNC**
On back of the heater with the water connections.
- C. Custom Hi-Power, Jacketed Tanks**
On outside door panel approximately at eye level.
- D. EnergyRite**
On the left side of the heater with the water connections.

STANDARD HI-POWER	1974-Apr. 1997
OIL FIRED (BRE SERIES)	1984-1992

NOTE: This chart is for *reference only*. See chart on page 2 for current Standard Hi-Power and Oil-Fired serial numbers.

The above models have one letter, followed by six numbers, and one final letter on Hi-Powers.

Note: The fourth digit on oil heaters will be a letter.

Example: J93-1030F...Built in September of 1993

First letter indicates month produced.

Next two numbers indicate year produced.

1 ST LETTER	1 ST & 2 ND NUMBER
A = January	82 = 1982
B = February	83 = 1983
C = March	84 = 1984
D = April	85 = 1985
E = May	86 = 1986
F = June	87 = 1987
G = July	88 = 1988
H = August	89 = 1989
J = September	90 = 1990
K = October	91 = 1991
L = November	92 = 1992
M = December	93 = 1993
	94 = 1994
	95 = 1995
	96 = 1996
	97 = 1997

DATA PLATE LOCATION:

- A. Standard Hi-Power**
The upper right side of jacket on the front of the heater.
- B. Oil Heaters**
Approximately halfway down the jacket on the front of the heater.

- E. KNIGHT**
On the right, inside panel.
- F. KNIGHT Fire Tube**
On the left outside jacket panel.
- G. SHIELD**
Approximately three-quarters down the jacket on the front of the heater.
- H. CREST**
On the water outlet connection.

NOTE: All charts are for reference only.

HI-FIRE COMMERCIAL GAS (HF) thru 1986	
OIL FIRED (G-O SERIES) thru 1986	
POWER GAS (PG) thru 1986	
A) 1965-1983 models coded with one letter, followed by five numbers. Example: M78013...Built in December of 1978 First letter indicates month produced. The next two numbers indicate year produced. The remaining three numbers are production codes.	
1ST LETTER	1ST TWO NUMBERS
A = January	75 = 1975
B = February	76 = 1976
C = March	77 = 1977
D = April	78 = 1978
E = May	79 = 1979
F = June	80 = 1980
G = July	81 = 1981
H = August	82 = 1982
J = September	83 = 1983
K = October	84 = 1984
L = November	85 = 1985
M = December	86 = 1986
1984-Present models coded with eight numbers. Example: 85040000...April, 1985 First two numbers indicate year produced. The third and fourth numbers indicate the month produced. The final four numbers are production codes. DATA PLATE LOCATION: A. Hi-Fire - Left of the gas valve. B. Power Gas - Left of the gas valve. C. Oil-Fired (G-O Series) On the front of the jacket, at the top.	

ELECTRIC BOOSTERS (SB) 1978 - 2010	
Booster serial numbers have ten numbers. The first six numbers are production related. The seventh & eighth number indicates year produced. The final ninth or tenth numbers equal month produced. Example: 1234569708...Built in August of 1997	
7TH AND 8TH NUMBER	9TH AND 10TH NUMBER
00 = 2000	02 = February
01 = 2001	03 = March
02 = 2002	04 = April
03 = 2003	05 = May
04 = 2004	06 = June
05 = 2005	07 = July
06 = 2006	08 = August
07 = 2007	09 = September
08 = 2008	10 = October
09 = 2009	11 = November
10 = 2010	12 = December
11 = 2011	01 = January
DATA PLATE LOCATION: On the lower right corner of the jacket, from the front view.	

COPPER-FIN® WATER HEATERS (CFW) 1968-1981	
COPPER-FIN BOILERS (CFB) 1968-1981	
The Copper-Fin heaters have a number followed by a letter(s) then three numbers. Example: 5Y013...Built in May 1978 First number indicates month produced. Next letter(s) indicates year produced. Final three numbers are production codes.	
1ST NUMBER	1ST LETTER
1 = January	P = 1970
2 = February	R = 1971
3 = March	S = 1972
4 = April	T = 1973
5 = May	U = 1974
6 = June	V = 1975
7 = July	W = 1976
8 = August	X = 1977
9 = September	Y = 1978
10 = October	Z = 1979
11 = November	AA = 1980
12 = December	BB = 1981
DATA PLATE LOCATION: On the top left corner of Copper-Fin, from the front controls.	

MOD-U-POWER (MUP) 1978-1984	
The Mod-U-Power has a single letter, six number serial code. Example: J-930001...Built in September of 1993 First letter indicates month produced. Next two numbers indicate year produced. The remaining numbers are production codes.	
1ST LETTER	1ST & 2ND NUMBER
A = January	78 = 1978
B = February	79 = 1979
C = March	80 = 1980
D = April	81 = 1981
E = May	82 = 1982
F = June	83 = 1983
G = July	84 = 1984
H = August	
I = September	
J = October	
K = November	
L = December	