

## LIMITED CONDENSING WATER HEATER WARRANTY

### WHAT DOES THIS LIMITED WARRANTY COVER?

This limited warranty covers Heat Exchangers for leakage, thermal shock 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.

### FIVE YEARS OF COVERAGE

This limited warranty is effective 60 days from the date of manufacture as determined by the serial number. Model number and serial number are found on the rating plate affixed to the water heater. Heat exchangers are warranted against leakage and thermal shock for 5 years. Parts are warranted for 1 year. Any replacement heat exchanger or part under this warranty shall remain in warranty only for the unexpired portion of the original warranty.

### WHAT DOES THIS LIMITED WARRANTY NOT COVER?

1. **This limited warranty does not cover leakage or other malfunction caused by:**
  - a. 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 Temperature Pressure Relief Valve, or
    - III) contrary to the written instructions furnished with the unit.
  - b. Adverse local conditions and specifically, sediment or lime precipitate in the tubes and/or headers or corrosive elements in the atmosphere.
  - c. Misuse and specifically, operation and maintenance contrary to the written instruction furnished with the unit, 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, 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 reinstallation charges;
    - IV) any material and/or permits required for installation, reinstallation or repair;
    - V) charges to return the water heater and/or components to the manufacturer.
  - d. Any failed component of the water heater system not manufactured as part of the water heater.
  - e. Any water heater altered without prior written approval from Lochinvar, LLC.
  - 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 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 may or may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

### WHAT WILL WE DO TO CORRECT PROBLEMS?

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

1. Provide a comparable replacement manufacture, or at our option, repair any unit which develops a leak in the heat exchanger within the warranty period.
2. Provide a replacement part, or at our option, repair any part which fails to function within the parts warranty period. To obtain a replacement, you must return the defective part to our distribution center. We reserve the right to verify any claims of defect by inspection.

### CONDITIONS

*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.

### HOW TO KEEP THIS WARRANTY IN EFFECT

*To facilitate warranty service, you should:*

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

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Date of Installation** \_\_\_\_\_



**PARTS AND SERVICE DEPARTMENT**  
**Lebanon, Tennessee**  
**615-889-8900 / Fax: 615-547-1000**  
**www.Lochinvar.com**

## 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.**

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

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 <sup>ST</sup> LETTER	2 <sup>ND</sup> 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.

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

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 <sup>ST</sup> TWO CHARACTERS	2 <sup>ND</sup> 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.

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

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 <sup>ST</sup> LETTER	1 <sup>ST</sup> & 2 <sup>ND</sup> 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.

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

**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 <sup>ST</sup> LETTER	1 <sup>ST</sup> & 2 <sup>ND</sup> 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. <b>Example:</b> 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.	
1 <sup>ST</sup> LETTER	1 <sup>ST</sup> 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. <b>Example:</b> 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. <b>DATA PLATE LOCATION:</b> A. <b>Hi-Fire</b> - Left of the gas valve. B. <b>Power Gas</b> - Left of the gas valve. C. <b>Oil-Fired (G-O Series)</b> 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. <b>Example:</b> 1234569708...Built in August of 1997	
7 <sup>TH</sup> AND 8 <sup>TH</sup> NUMBER	9 <sup>TH</sup> AND 10 <sup>TH</sup> 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
<b>DATA PLATE LOCATION:</b> 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. <b>Example:</b> 5Y013...Built in May 1978 First number indicates month produced. Next letter(s) indicates year produced. Final three numbers are production codes.	
1 <sup>ST</sup> NUMBER	1 <sup>ST</sup> 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
<b>DATA PLATE LOCATION:</b> 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.	
1 <sup>ST</sup> LETTER	1 <sup>ST</sup> & 2 <sup>ND</sup> 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	