

# We're Committed To You

**Wholesale Only.**

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**Exclusively for Professionals.**

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**American Manufacturing.**



**Built to be the Best™**

  
**BRADFORD WHITE™**  
WATER HEATERS  
[www.bradfordwhite.com](http://www.bradfordwhite.com)



# Bradford White Water Heating Solutions

## Residential Gas Models



**Residential Gas Atmospheric Vent Models**

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
M-I-30T6FBN	30	114	59 1/2"	16"	104
M-I-30S6FBN	30	114	48 3/8"	18"	100
M-I-40T6FBN	40	151	59 1/8"	18"	120
M-I-40S6FBN	40	151	50"	20"	128
M-I-50S6FBN	50	189	59 1/8"	20"	145
M-I-50L6FBN	48	182	49 1/4"	22"	153
M-I-504S6FBN	50	189	58 1/2"	20"	150
M-I-75S6FBN	75	284	59 1/8"	24"	238
M-I-100T6BN	100	379	68 1/4"	28"	420

- Bradford White ICON System™
- Hydrojet® Total Performance System
- Vitraglas® Tank Lining
- Tank capacities ranging from 30 to 100 gallons (114 liters to 379 liters)
- BTU/Hr. inputs ranging from 31,000 to 88,000 BTU/Hr. (9.1 to 25.8 kW)
- Available in natural gas and LPG

## Commercial Gas Models



**Commercial Gas Ultra High Efficiency eF Series® Models**

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
EF-60T-125E-3N(A)	60	227	57"	28 1/4"	570
EF-60T-150E-3N(A)	60	227	57"	28 1/4"	570
EF-60T-199E-3N(A)	60	227	57"	28 1/4"	570
EF-100T-150E-3N(A)	100	379	77 1/2"	28 1/4"	900
EF-100T-199E-3N(A)	100	379	77 1/2"	28 1/4"	900
EF-100T-250E-3N(A)	100	379	77 1/2"	28 1/4"	900
EF-100T-300E-3N(A)	100	379	77 1/2"	28 1/4"	900
EF-100T-399E-3N(A)	100	379	77 1/2"	28 1/4"	950

- ICON HD® Commercial Control System
- Hydrojet® Sediment Reduction System
- Vitraglas® Tank Lining
- 60 and 100 gallon (227 and 379 liter) tank capacities
- BTU/Hr. inputs ranging from 125,000 to 399,999 BTU/Hr. (36.6 to 117.2 kW)
- Available in natural gas and LPG



**Commercial Gas Flue Damper Electronic Ignition Models**

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
D-38T-155-3N	38	144	51"	28 1/4"	438
D-75T-125-3N	75	284	72 1/2"	28 1/4"	520
D-75T-160-3N	75	284	72 1/2"	28 1/4"	520
D-80T-180-3N	80	303	71 1/4"	28 1/4"	540
D-80T-199-3N	80	303	71 1/4"	28 1/4"	540
D-80T-250-3N	80	303	71 1/4"	28 1/4"	540
D-100T-199-3N	99	371	83 1/8"	28 1/4"	610
D-100T-250-3N	99	371	83 1/8"	28 1/4"	610
D-75T-300-3N	75	284	74 1/8"	28 1/4"	590
D-65T-370-3N	65	246	73 1/4"	28 1/4"	665
D-65T-399-3N	65	246	73 1/4"	28 1/4"	665
D-80T-425-3N	80	303	82 1/4"	28 1/4"	750
D-80T-505-3N	80	303	82 1/4"	28 1/4"	750
D-100S-199-3N	100	379	76 1/4"	28 1/4"	667
D-100S-250-3N	100	379	76 1/4"	28 1/4"	667
D-100L-199-3N	100	379	75"	30 1/4"	725
D-100L-250-3N	100	379	75"	30 1/4"	725
D-100L-270-3N	100	379	75"	30 1/4"	725
D-100L-300-3N	100	379	75 1/2"	30 1/4"	725
D-80L-399-3N	80	303	71 1/4"	30 1/4"	800
D-80L-450-3N	80	303	69"	30 1/4"	800
D-80L-505-3N	80	303	69"	30 1/4"	800

- ICON HD® Commercial Control System
- Hydrojet® Sediment Reduction System
- Vitraglas® Tank Lining
- Tank capacities ranging from 38 to 100 gallons (144 to 379 liters)
- BTU/Hr. inputs ranging from 125,000 to 505,000 BTU/Hr. (36.6 to 148 kW)
- Available in natural gas and LPG

## Warranty

Warranty	Residential	Commercial
Tank	6 Years	3 Years
Tank Upgrade	10 Years	5 Years
Parts	1 Year	1 Year

Additional models and sizes are available. For more information, please visit [www.bradfordwhite.com/internationalsales](http://www.bradfordwhite.com/internationalsales) or e-mail us at [international@bradfordwhite.com](mailto:international@bradfordwhite.com).



A stylized graphic of the American flag, showing the stars and stripes in a dynamic, flowing manner, positioned on the left side of the advertisement.

# We're Committed To You

**Highest Quality.**

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**Built for Professionals.**

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**American Manufacturing.**



**Built to be the Best™**

  
**BRADFORD WHITE**  
WATER HEATERS  
[www.bradfordwhite.com](http://www.bradfordwhite.com)



# Bradford White Water Heating Solutions

## Residential Electric Models



### Residential Electric Upright Models

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
M-I-30R6DS	30	114	46 7/8"	16"	80
M-I-40S6DS	40	151	46 7/8"	18"	96
M-I-50S6DS	50	189	46 7/8"	20"	119
M-I-65R6DS	65	246	59 1/4"	20"	146
M-I-80R6DS	80	303	59 1/4"	22"	174
M-I-120R6DS	119	451	62 1/4"	28"	305

- 30 to 119 gallon tank capacities (114 to 451 liters)
- Up to 12 kW
- Single phase standard (three phase optional)
- Hydrojet® Total Performance System
- Vitraglas® Tank Lining



### Residential Electric Horizontal Wall Hung\*

Model Number	Capacity Liter	Width	Height	Depth	Weight lbs.
BW-80H	80	30 5/8"	19 1/4"	20"	76
BW-100H	100	37"	19 1/4"	20"	82
BW-120H	120	43"	19 1/4"	20"	93

- 80, 100 and 120 liter capacities
- 2 kW
- Single phase only
- Temperature indicator
- Pilot lights
- Bottom water connections

## Commercial Electric Models



### Commercial Electric FLEX MD™ (Medium Duty) Models

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
E32-50R-3	50	189	46 7/8"	22"	137
E32-80R-3	80	303	59"	24"	190
E32-120R-3	119	451	63"	28 1/4"	312

- 50, 80 and 119 gallon tank capacities (189, 303 and 451 liters)
- 6 to 18 kW inputs
- Field convertible to meet the voltage, phase and kW input required
- Incoloy® elements are standard
- Hydrojet® Sediment Reduction System
- Vitraglas® Tank Lining



### Commercial Electric Immersion and Surface Mounted Models

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
M-I-50(A)-kW-3SF	50	189	47 1/2"	24"	270
M-I-80(A)-kW-3SF	80	303	60 1/4"	26"	335
M-I-120(A)-kW-3SF	119	451	64 1/2"	30 1/4"	430

- 50, 80 and 119 gallon tank capacities (189, 303 and 451 liters)
- 6 to 54 kW inputs
- Surface or Immersion thermostat options
- Optional ASME tank construction
- Hydrojet® Sediment Reduction System
- Vitraglas® Tank Lining



### Commercial Vertical Round Electric Brute Models

Model Number	Capacity Gallon	Capacity Liter	Height	Diameter	Weight lbs.
VR150-kW	150	568	65 1/8"	32"	650
VR200-kW	200	757	78"	32"	750
VR250-kW	250	946	92"	34"	1165
VR300-kW	300	1136	80"	40"	1350
VR400-kW	400	1514	80"	46"	1590
VR500-kW	500	1893	92"	46"	1700
VR600-kW	600	2271	92"	54"	2010

- 150 to 600 gallon tank capacities (568 to 2271 liters)
- 12 to 162 kW inputs
- Standard ASME tank construction
- Immersion thermostats
- Incoloy® elements are standard
- Vitraglas® Tank Lining

## Warranty

Warranty	Residential	Commercial
Tank	6 Years	3 Years
Tank Upgrade	10 Years	5 Years
Parts	1 Year	1 Year

\*Five-year tank warranty.

Additional models and sizes are available. For more information, please visit [www.bradfordwhite.com/internationalsales](http://www.bradfordwhite.com/internationalsales) or e-mail us at [international@bradfordwhite.com](mailto:international@bradfordwhite.com).

**BRADFORD WHITE**  
WATER HEATERS  
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[www.bradfordwhite.com](http://www.bradfordwhite.com)



## Commercial Large Volume Topcoat Storage Tanks



Photo is of  
NV280TG5A

### The Large Volume Topcoat Models feature:

- **Vertical or Horizontal Construction**—Horizontal models require two saddles and have two additional 3" NPT fittings.
- **Sprayed-On Rigid Insulation Topcoat**—The 100% acrylic topcoat has 2¼" (R-value of 16) of high density polyurethane foam that is formulated to withstand extreme weather and a full range of conditions.
- **Vitraglas® Lining**—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Water Connections**—Two female 3" NPT fittings are located on the front for ease of service and installation. Additional size fittings are available as an option.
- **Magnesium Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **One 3/4" NPT Aquastat Fitting**—Located in the lower part of the tank.
- **Lifting Lugs**—Standard.
- **Optional Handhole Cleanout and Manway**—4" x 6" diameter Handhole cleanout and 12"x16" diameter Manway opening allows removal of sediment and inspection of interior surface.
  - Manway required on all tanks with a vessel diameter of 42" or greater.
- **Optional HydroJet HC®**—Stainless steel, dielectrically isolated recirculation tube minimizes turbulence and directs the hottest water to the top of the tank to maximize hot water delivery.
- **Designed for Storage of Potable Water up to 180°F (82°C).**
- **Field Repairable.**
- **All Tanks are Constructed and Certified**—In accordance with ASME Sect. IV, Part HLW for 125 PSI (862 kPa). 150 PSI (1034 kPa) is available as an option.

### Sample Specification:

The storage tank shall be a Bradford White Topcoat model with an actual rated storage capacity of not less than \_\_\_\_\_ gallons (\_\_\_\_\_ liters), and overall dimensions of \_\_\_\_\_ inches (\_\_\_\_\_ cm.) in height, by \_\_\_\_\_ inches (\_\_\_\_\_ cm.) in diameter. The tank shall be Vitraglas® lined, and be built in accordance with ASME Boiler and Pressure Vessel Code ASME IV, Part HLW for 125 PSI (862 kPa) and so labeled, with a working pressure of \_\_\_\_\_ P.S.I. (\_\_\_\_\_ kPa). The storage tank shall carry a five (5) year limited warranty (ten (10) year limited warranty available on Double Vitraglas® lining).



### 5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,163; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas® is a registered trademark of Bradford White® Corporation.

482-B-0815-A

# Commercial Large Volume Storage Tanks

## Topcoat Models

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		Vert. Height In.	A Horiz. Length In.	B Diameter In.	Required Manway	C Floor to Return Conn. In.	D Hot Water Outlet Conn. Size In.	E Drain Valve In.	Approx. Shipping Weight @125 PSI lbs.
	Actual U.S. Gal.	Nominal U.S. Gal.								
N†175T*5A	175	193	69	65	35	—	17½	2½	1	303
N†210T*5A	210	229	81	77	35	—	17½	2½	1	347
N†240T*5A	240	260	91	87	35	—	17½	2½	1	383
N†280T*5A	280	303	105	101	35	—	17½	2½	1	433
N†285T*5A	285	318	76	45	41	—	19	2½	1	550
N†310T*5A	310	344	84	80	41	—	19	2½	1	527
N†320T*5A	320	340	117	113	35	—	17½	2½	1	476
N†340T*5A	340	375	91	87	41	—	19	2½	1	569
N†360T*5A	360	397	96	92	35	—	19	2½	1	559
N†415T*5A	415	449	108	104	41	—	19	2½	1	671
N†435T*5A	435	486	87	83	47	YES	20½	3	1	695
N†453T*5A	453	504	88	51	47	YES	20½	3	1	805
N†465T*5A	465	502	120	116	41	—	19	3	1	743
N†500T*5A	500	572	79	75	53	YES	22	3	1	928
N†505T*5A	505	558	97	51	47	YES	20½	3	1	874
N†515T*5A	515	555	132	128	41	—	19	2½	1	815
N†575T*5A	575	630	111	107	47	YES	20½	3	1	863
N†580T*5A	580	658	90	86	53	YES	22	3	1	1045
N†645T*5A	645	702	123	119	47	YES	20½	3	1	947
N†675T*5A	675	752	102	98	53	YES	22	3	1	1173
N†720T*5A	720	774	135	131	47	YES	20½	3	1	1031
N†765T*5A	765	846	114	110	53	YES	22	3	1	1301
N†790T*5A	790	846	145	141	47	YES	20½	3	1	1101
N†840T*5A	840	940	126	122	53	YES	22	3	1	1428
N†1040T*5A	1040	1128	147	143	53	YES	22	3	1	1652
N†1340T*5A	1340	1457	153	147	59	YES	25½	3	1½	2182
N†1690T*5A	1690	1814	189	183	54	YES	25½	3	1½	2622
N†1820T*5A	1820	1983	168	168	65	YES	27	3	1½	3110
N†2395T*5A	2395	2570	216	210	65	YES	27	3	1½	3922
N†3115T*5A	3115	3384	198	192	77	YES	30	3	1½	4338
N†3530T*5A	3530	3807	222	216	77	YES	30	3	1½	4825
N†4120T*5A	4120	4406	256	250	77	YES	30	3	1½	5516
N†5695T*5A	5695	6141	262	256	89	YES	33	3	1½	7994

†V = Vertical, H=Horizontal.

\*G = Glass Lined (Vitrage®) (5 Year Warranty).

\*D = Double Glass Lined (Vitrage®) (10 Year Warranty).

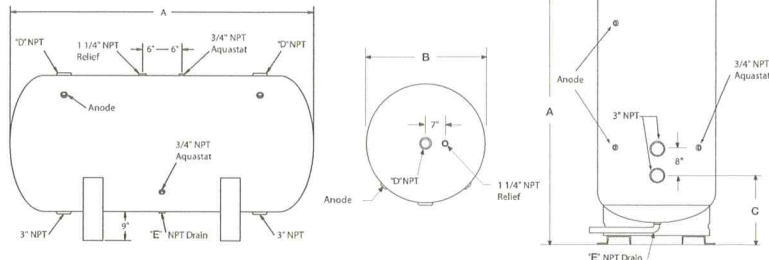
\*E = Epoxy Lined (1 Year Warranty - Field Repairable).

\*S = Stainless Steel Tank (1 Year Warranty).

Example: NV210TG5A.

### Tank Options:

- Hand hole (4"x6")
- Manway (12"x16")
- Extra Tappings (1" - 4")
- Flanged Connections (3" - 10")
- 150 psi working pressure (add suffix -5)
- Hydrojet HC® (add suffix -1)



### General

Front water connections 3" (76mm) NPT (except where noted). T&P tapping 1½" (32 mm) NPT. Aquastat tapping ¾" (19mm) NPT. Most storage tanks are manufactured with convex heads and bases. Some manufacturers list the tank capacity as "Nominal". Generally, this is the theoretical capacity calculated assuming a tank was actually manufactured using a flat (instead of convex) head and base. Bradford White lists both Actual and Nominal capacity for comparison purposes.

*Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.*



Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

Sales 800-523-2931 • Fax 215-641-1670 / Technical Support 800-334-3393 • Fax 269-795-1089 • Warranty 800-531-2111 • Fax 269-795-1089

International: Telephone 215-641-9400 • Telefax 215-641-9750 / [www.bradfordwhite.com](http://www.bradfordwhite.com)

**BRADFORD WHITE-CANADA INC.** Sales / Technical Support 866-690-0961 / 905-238-0100 • Fax 905-238-0105 / [www.bradfordwhite.com](http://www.bradfordwhite.com)

## Built to be the Best™

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# BRADFORD WHITE CORPORATION

## LIMITED COMMERCIAL 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 buyer and to any subsequent owner(s) 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) 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 the unit.
  - b) Adverse local conditions, and specifically, sediment or lime precipitate in the tank or corrosive elements in the atmosphere.
  - c) Misuse, and specifically, operations, and maintenance contrary to the written instructions furnished with the unit, removal of anode(s), 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) Incidental property damage, loss of use, inconvenience or other incidental or consequential costs.
  - c) Costs associated with the replacement and/or repair of the unit, including:
    - i) any freight, shipping or delivery charges
    - ii) any removal, installation or re-installation charges
    - iii) any material, and/or permits required for installation, re-installation or repair
    - iv) charges to return the defective water heater and/or component part to the manufacturer.

### WHAT IS THE PERIOD OF COVERAGE?

This limited warranty runs from date of installation (or without proof of installation, from three (3) months after the date of manufacture) for the period specified on the following chart. To determine length of coverage, check model number listed on the rating plate of appliance against this chart.

•Restrictions are not applicable to implied warranties in California. See "Special State Provisions" on reverse side.

MODEL NUMBER PREFIX	LIMITED TANK** WARRANTY	LIMITED PARTS** WARRANTY
D, H, V, LD, DB, PDV, F-I, L-I-6, M,M-I, M-II, EF, LH-I, LV-I, TW, DH, SW, CDW, PDX, P, E, U	1, 3, 5 or 6 YRS	1 YEAR
M3ST, BST, NH, NV	5 YRS	1 YEAR
No Letter Prefix	1,3 or 5 YRS	1 YEAR

NOTE: The duration of the tank warranty will be found in the model number.

i.e.; D80T1991N has a 1 Year tank warranty

D80T1993N has a 3 Year tank warranty

50T-65-3N has a 3 Year tank warranty

50T-65-5N has a 5 Year tank warranty

\*\*All replacement water heaters and parts carry the balance of the original warranty, i.e. if an original three (3) year tank warranted water heater develops a leak due to defects in materials/workmanship after only two (2) years, the replacement unit is warranted for only the balance remaining from the original three (3) year warranty, or one (1) year in this example.

### WHAT IS THE DURATION OF THE IMPLIED WARRANTY?

**ANY IMPLIED WARRANTIES, 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.

So 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.

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## LIMITED COMMERCIAL WATER HEATER WARRANTY (CONTINUED)

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### WHAT WILL WE DO TO CORRECT PROBLEMS?

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

1. Provide a 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 forward the rating plate from the defective unit to us. If government regulations require the replacement water heater to have features not found in the defective water heater, you will be required to pay the difference in price represented by those government required features.
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 forward the defective part to us. If government regulations require the replacement part to have features not found in the defective part, you will be required to pay the difference in price represented by those government required features.

We do reserve the right to verify any claims of defect by inspection.

### 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/serial number.
4. Replace any water heater without prior receipt of actual rating plate from appliance.

### HOW DO YOU GET WARRANTY ASSISTANCE?

Upon discovering a defect or problem, you should:

1. Contact either the installer or dealer, or
2. Contact us--  
BRADFORD WHITE CORPORATION  
WARRANTY SUPPORT GROUP  
200 LAFAYETTE STREET  
MIDDLEVILLE, MI 49333  
(800) 531-2111

### WHAT SHOULD YOU DO TO KEEP THE WARRANTY IN EFFECT?

To facilitate warranty assistance, 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, dealer or our Warranty Department as soon as any problem or defect is noticed.
4. When necessary, allow us, or our chosen representative, to inspect the unit.
5. For your reference, fill in the Model and Serial Number found on the units Rating Plate:

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

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

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

#### SPECIAL STATE PROVISIONS

For water heaters installed in California or Oregon, Paragraphs 2(c) (i) (iv) of the paragraph "WHAT DOES THIS WARRANTY NOT COVER?" does not apply.  
All other terms and conditions of this warranty apply as stated.

CALIFORNIA RESIDENTS CALL 1-800-538-2020

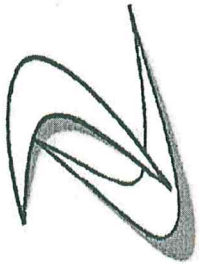
Please have model number and serial number ready.

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**PLEASE RETAIN THIS WARRANTY IN A SAFE LOCATION FOR FUTURE REFERENCE.**

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# YMA TRADING & CONSTRUCTION CORP.

511 J.P. Rizal St., Cor. Richmond Drive, Mandalay, Marikina City  
Tel. No.: 948-2432; 666-3195

