

# RESIDENTIAL WATER HEATERS AND STORAGE TANKS

**2025 POCKET CATALOG** 

## Every Step of the Way, We Are Here For The Pro<sup>®</sup>.

At Bradford White, we are proudly here For The Pro<sup>o</sup>. We believe our quality product deserves a quality professional installation, so we support pros like you with:

For The Pro® Training Academy. eLearning, Live Training Broadcasts, Regional Training, and hands-on learning at our live-fire iTEC™ Training Facility.

Outstanding Sales Tools. We give you the resources to increase sales, boost profit and grow your business.

Unparalleled Product Support. We always have your back with 24/7 technical support and our For The Pro\* site.

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#### **General Information About the Products in this Catalog**

- All Gas Water Heaters are design certified by CSA Group in accordance with ANSI Z21.10.1 or 10.3 (latest addition). Closed Combustion Manufactured Home Water Heaters, are listed by Underwriter UL Solutions.
- All Electric Water Heaters are listed by UL Solutions.
- All Residential Storage Models meet or exceed efficiency requirements of the Department of Energy. ASHRAE standard 90.1b (current standard) and the National Appliance Energy Conservation Act of 1987, recent amendment effective April 16, 2015 which supercedes all state and local efficiency requirements.
- All Tank Type Water Heaters are certified at 300 PSI test pressure and 150 PSI working pressure (except where noted).
- 5. All Residential Water Connections are 3/4" NPT on 8" centers (except where noted).
- 6. All Residential Gas Models have 1/2" NPT Gas Connections (except where noted).
- 7. All Residential Water Heaters come with a T&P Relief Valve included (except where noted).

- MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 7,559,293; 7,900,589; 7,007,748; 7,068,132; 7,337,517; 7,665,211; 7,665,210; 7,699,026; 6,935,280; 7,634,976; 7,270,087; 7/621,238; 7,334,419; 7,866,168; 7,063,133; 8,082,888; 7,971,560; 7,992,526; 8,146,772; 9,429,337; 10,866,010; 10,503,183; 9,574,792; 11,499,746; 11,457,513; 7,007,316; 7,243,381; 8,787,742; 9,964,241; 8,851,022; D636,857; 8,931,438; 10,495,343; 10,094,619; 11,175,070. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,430,807; 2,476,685; 2,504,824; 2,583,609; 2,491,181: 2,677,549: 2,583,108: 2,659,534: 2,949,830: 2,784,312.
- All dimensions are in inches (unless otherwise noted). Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.
- 10. Bradford White is an American company with its manufacturing facilities located in the United States of America. Products made by Bradford White are manufactured in the United States using the finest raw materials and components from around the world to deliver the highest quality and value to our customers. Bradford White is American Strong®.





American Society of Mechanical Engineers Heating Boilers



American Society of Mechanical Engineers Lined Potable Water Heaters









#### **Atmospheric Vent Fan Assist**









- Bradford White ICON System®
- Defender Safety System®—featuring the patented advanced ScreenLok® technology
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- High efficiency blower—10 ft. power cord included (120 VAC)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Protective anode rod
- 3"x4" "Snap Lock" draft diverter
- T&P relief valve
- · Low restrictive brass drain valve











#### **Atmospheric Vent Damper**











- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Automatic flue damper—10 ft. power cord included (120 VAC)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Protective anode rod
- 3"x4" "Snap Lock" draft diverter
- T&P relief valve
- · Low restrictive brass drain valve













#### **Atmospheric Vent**











- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- 3"x4" "Snap Lock" draft diverter
- T&P relief valve
- · Low restrictive brass drain valve













#### **Atmospheric Vent High Input**









- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology (RG250H6N only)
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Non-CFC foam insulation
- 3/4" NPT side connections
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Hand hole cleanout (RG2100H6N only)
- Thermostatic mixing valve (RG255H6N only)
- Protective anode rod
- 4" "Snap Lock" draft diverter
- T&P relief valve
- Low restrictive brass drain valve













#### **Direct Vent**









- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Closed combustion
- · Sight window
- Cast aluminum air intake boot
- · Solid and flexible vent kits
- . Non-CFC foam insulation
- Side connections (RG2DV50H6N only)
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve













#### **High Efficiency eF Series® Power Vent**





- Bradford White ICON System®
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Vertical, dual-pass heat exchanger system
- Self-priming condensate tee
- Power vent
- · Horizontal and vertical venting
- . Non-CFC foam insulation
- 3/4" NPT side connections
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Two protective anode rods
- T&P relief valve
- · Low restrictive brass drain valve











#### Power Vent (TTW®)











### Hydrojeť

- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology (except models above 75,000 BTU/Hr.)
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- High efficiency blower—10 ft. power cord included (120 VAC)
- Horizontal and vertical venting
- High altitude ready
- Non-CFC foam insulation
- 3/4" NPT side connections (high input models only)
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Protective anode rod (RG1PV55H6N has two)
- T&P relief valve
- Low restrictive brass drain valve











#### **High Efficiency eF Series® Power Direct Vent**





- Bradford White ICON System<sup>®</sup>
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Vertical, dual-pass heat exchanger system
- Closed combustion venting system
- Cast aluminum air intake boot
- Optional concentric vent kit termination
- Horizontal and vertical venting
- Non-CFC foam insulation
- 3/4" NPT side connections
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Two protective anode rods
- T&P relief valve
- Low restrictive brass drain valve











#### **Power Direct Vent**









- Bradford White ICON System®
- Defender Safety System®—featuring the patented advanced ScreenLok® technology (except for RG2PDV75H6N)
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Closed combustion venting system
- · Cast aluminum air intake boot
- · Optional concentric vent kit termination
- · Horizontal and vertical venting
- Non-CFC foam insulation
- 3/4" NPT side connections (RG2PDV50H6N and RG2PDV75H6N only)
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- · Low restrictive brass drain valve











#### **Manufactured Home Direct Vent**





- Bradford White ICON System®
- Vitraglas® tank lining with Microban®
- · Sealed combustion roof jack kit (must order for new installations)
- Flue baffle
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- · Low restrictive brass drain valve













#### **Manufactured Home Atmospheric Vent**









- Bradford White ICON System<sup>®</sup>
- Defender Safety System®—featuring the patented advanced ScreenLok® technology
- Vitraglas® tank lining with Microban®
- Steel tank
- Sealed combustion roof jack kit (must order for new installations)
- Flue baffle
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- · Convertible gas control
- Water Connections—NPT factory installed dielectric waterway with heat traps
- 3"x4" "Snap Lock" draft diverter
- Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### **Ultra Low NOx Atmospheric Vent Damper**











- Bradford White ICON System<sup>®</sup>
- Eco-Defender Safety System®
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Automatic flue damper—10 ft. power cord included (120 VAC)
- Ultra Low NOx burner with primary and secondary air distribution devices
- Complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- 3"x4" "Snap Lock" draft diverter
- · Protective anode rod
- T&P relief valve
- . Low restrictive brass drain valve











#### **Ultra Low NOx Atmospheric Vent**





- Bradford White ICON System<sup>®</sup>
- Eco-Defender Safety System®
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Ultra Low NOx burner with primary and secondary air distribution devices
- Complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- 3"x4" "Snap Lock" draft diverter
- Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### **Ultra Low NOx Atmospheric Vent High Input**





- Bradford White ICON System®
- Eco-Defender Safety System® (URG250H6N only)
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Ultra Low NOx Burner with primary and secondary air distribution devices
- Complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit) URG275H6N / URG2100H6N comply with (14 ng/J NOx limit)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- 4" "Snap Lock" draft diverter
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### Ultra Low NOx Power Vent (TTW®)











- Bradford White ICON System®
- Eco-Defender Safety System® (except models above 75,000 BTU/Hr.)
- · Powerful blower motor
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit) URG2PV75H6N (14 ng/J NOx limit)
- High efficiency blower—10 ft. power cord included (120 VAC)
- · Horizontal and vertical venting
- · High altitude ready
- Non-CFC foam insulation
- 3/4" NPT side connections—some models
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve













#### **Ultra Low NOx Power Direct Vent**





- Bradford White ICON System®
- Eco-Defender Safety System®
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Complies with the Latest Ultra Low NOx Requirement (10 ng/J NOx limit)
- · Cast aluminum air intake boot
- Powerful blower model—10 ft. power cord included (120 VAC)
- Horizontal and vertical venting
- High altitude ready
- Non-CFC foam insulation
- 3/4" NPT side connections—(URG2PDV50H6N only)
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### **Ultra Low NOx Direct Vent**





- Bradford White ICON System®
- Eco-Defender Safety System®
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Cast aluminum air intake boot
- Ultra Low NOx Burner with primary and secondary air distribution devices
- · Complies with the latest Ultra Low NOx requirement (10 ng/J NOx limit)
- Closed combustion
- Telescoping solid and flexible vent kits
- Non-CFC foam insulation
- 3/4" NPT side connections—(URG2DV50H6N only)
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### Infiniti® GS Tankless







- ENERGY STAR® Qualified
- Certified Green Product<sup>™</sup> by the Green Restaurant Association
- Residential and commercial application
- Stainless steel heat exchanger
- Cascade up to 16 units
- · Cascade between Infiniti® GS and Infiniti® GR
- Temperature setting—95°F to 185°F
- Free standing rack system
- Common venting with PVC, CPVC, or Polypropylene up to 8 units
- · Easy plumbing manifold kits
- Indoor and outdoor installation (requires outdoor installation kit)
- Bottom water connections
- Gas connection flexibility-1/2", 3/4", or 1"
- Air filter and inlet water filter—mounted outside of cabinet













#### Infiniti® GR Tankless







- ENERGY STAR® Qualified
- Certified Green Product<sup>™</sup> by the Green Restaurant Association
- Residential and commercial application
- Stainless steel heat exchanger
- Cascade up to 2 Infiniti® GR units or mix up with up to 14 additional Infiniti® GS units
- Temperature setting—95°F to 185°F
- Free standing rack system
- · Easy plumbing manifold kits
- Common venting with PVC, CPVC, or Polypropylene up to 8 units
- Built-in recirculation pump and dedicated recirculation connection
- Flexible vent kit
- Indoor and outdoor installation (requires outdoor installation kit)
- Bottom water connections
- Gas connection flexibility—1/2", 3/4", or 1"
- Air filter and inlet water filter—mounted outside of cabinet











#### Infiniti® K Series Tankless Indoor





- ENERGY STAR® Qualified
- Certified Green Product<sup>™</sup> by the Green Restaurant Association
- Featuring the SRT<sup>™</sup> Scale Reduction Technology
- STEADISET® Technology
- Built-in digital control
- Active bypass
- Intelligent cascading kit (optional)
- Modulation—segmented burner with 22:1 turn down ratio
- Self-calibrating fan and gas valve
- External recirculation pump wiring—installed
- Venting flexibility
- Gas connection flexibility—1/2", 3/4", or 1"
- Top water connections
- Inlet water filter—external access for easy maintenance
- Built-in freeze protection
- . Easy LP gas field convertibility
- Pressure relief valve—included (integral port)











#### Infiniti® K Series Tankless Outdoor





- ENERGY STAR® Qualified
- Certified Green Product<sup>™</sup> by the Green Restaurant Association
- Featuring the SRT<sup>™</sup> Scale Reduction Technology
- STEADISET® Technology
- Built-in digital control
- Active bypass
- Intelligent cascading kit (optional)
- Modulation—segmented burner with 22:1 turn down ratio
- · Self-calibrating fan and gas valve
- External recirculation pump wiring—installed
- Gas connection flexibility—1/2", 3/4", or 1"
- Inlet water filter—external access for easy maintenance
- Built-in freeze protection
- · Easy LP gas field convertibility
- Heat exchanger—primary copper with secondary stainless Steel
- Flushing condensate trap











#### Infiniti® L Tankless Indoor





- FNFRGY STAR® Qualified
- Certified Green Product<sup>™</sup> by the Green Restaurant Association
- Featuring the SRT<sup>™</sup> Scale Reduction Technology
- STEADISET® Technology
- Hot water recirculation with Built-in pump
- Built-in digital control
- Active bypass
- Intelligent cascading kit (optional)
- Modulation—segmented burner with 22:1 turn down ratio
- Self-calibrating fan and gas valve
- External recirculation pump wiring—optional
- Gas connection flexibility—1/2", 3/4", or 1"
- Top water connections
- Inlet water filter—external access for easy maintenance
- Built-in freeze protection
- . Easy LP gas field convertibility
- Built In flush ports













#### Infiniti Tankless® High Efficiency





- Featuring the SRT<sup>™</sup> Scale Reduction Technology
- Built-in digital control
- Active bypass
- Intelligent cascading kit (optional)
- · Venting flexibility
- Gas connection flexibility—1/2", 3/4", or 1"
- Inlet water filter
- Space saving installation
- · Built-in freeze protection
- · Interior and exterior installation capability
- High temperature kit- max set point 184°F (optional)
- Complies with the latest Ultra-Low NOx requirement (10 ng/J NOx limit)













#### Infiniti Tankless® Mid Efficiency





- Featuring the SRT<sup>™</sup> Scale Reduction Technology
- Built-in digital control
- Intelligent cascading kit (optional)
- · Venting flexibility
- Gas connection flexibility—1/2", 3/4", or 1"
- · Inlet water filter
- Space saving installation
- · Built-in freeze protection
- Interior and exterior installation capability
- High temperature kit—max set point 184°F (optional)
- Complies with the latest Ultra-Low NOx requirement (10 ng/J NOx limit)











#### Combi1® Single-Wall Atmospheric Vent





MICROBAN

Hydrojet

 Defender Safety System®—featuring the patented advanced ScreenLok® technology (50 gallon model only)

#### All Combi1® Models Feature:

- Bradford White ICON System®
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Heat exchanger—single-wall 1½" O.D. enamel coated (Vitraglas® tank lining with Microban®) steel coil
- Provides domestic hot water and space heating in one system
- · Low heat exchanger head loss
- Hydrojet® Total Performance System
- 1" NPT front supply and return connections
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings
- Two protective anode rods
- Thermostatic mixing valve (ASSE Approved)
- T&P relief valve
- Low restrictive brass drain valve





#### Combi2® Double-Wall Atmospheric Vent









 Defender Safety System®—featuring the patented advanced ScreenLok® technology (50 gallon model only)

#### All Combi2® Models Feature:

- Bradford White ICON System®
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Heat exchanger—single-wall 1½" O.D. enamel coated (Vitraglas® tank lining with Microban®) Steel Coil
- Provides domestic hot water and space heating in one system
- · Low heat exchanger head loss
- Hydrojet® Total Performance System
- 3/4" NPT front supply and return connections
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings
- Two protective anode rods
- Thermostatic mixing valve (ASSE Approved)
- T&P relief valve
- Low restrictive brass drain valve





#### Combi1<sup>®</sup> Single-Wall Power Vent (TTW<sup>®</sup>)









 Defender Safety System®—featuring the patented advanced ScreenLok® technology (50 gallon model only)

#### All Combi1® TTW® Models Feature:

- Bradford White ICON System®
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Heat exchanger—single-wall 1½" O.D. enamel coated (Vitraglas® tank lining with Microban®) steel coil
- Provides domestic hot water and space heating in one system
- Low heat exchanger head loss
- Power vented with horizontal and vertical venting
- Hydrojet® Total Performance System
- 1" NPT front supply and return connections
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings
- Two protective anode rods
- T&P relief valve
- · Low restrictive brass drain valve





#### Combi2® Double-Wall Power Vent (TTW®)





 Defender Safety System®—featuring the patented advanced ScreenLok® technology (50 gallon model only)

#### All Combi2® TTW® Models Feature:

- Bradford White ICON System®
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Heat exchanger—single-wall 1½" O.D. enamel coated (Vitraglas® tank lining with Microban®) Steel Coil
- Provides domestic hot water and space heating in one system
- · Low heat exchanger head loss
- Power vented with horizontal and vertical venting
- Hydrojet® Total Performance System
- 3/4" NPT front supply and return connections
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings
- Two protective anode rods
- T&P relief valve
- Low restrictive brass drain valve





#### **General Information**

#### Specify voltage and wattage when ordering.

All models are UL® listed. All water connections are ¾" NPT true dielectric fittings. All electrical connections are ¾". All models are certified at 300 psi test pressure and 150 psi working pressure. All models come equipped with two installed heat traps (except Utility, and RE120L).

**Note:** The **Upright** and **Lowboy** heaters will be wired single phase interlocking (non-simultaneous) 240 volt with 4500 watt elements, unless otherwise specified. Other wattages are available up to 6000 watts (208, 240, 277 and 480 volt). (Reference chart on following page for non-simultaneous and simultaneous limitations). 4500 watt/240 volt elements require a 25 amp or 30 amp circuit breaker. For 120 volt (non-simultaneous), all models have a maximum wattage of 3000. (120 and 277 volt can only be wired single phase.)

**Note:** The **Utility** Heaters will be wired for 120 volt with a 1500 watt element. The 1500 watt/120 volt element requires a 20 amp breaker. Other wattages are available. Maximum wattage for 6 and 12 gallon tall utility models is 3000W. Maximum wattage for 10, 15 and 20 gallon utility models is 6000W.

Incol	y Elem	ent Av	ailabil	lity Ch	art
Watts	120V	208V	240V	277V	480
1500	yes	yes	yes	no	no
2000	no	yes	yes	yes	yes
2500	no	yes	yes	no	no
3000	no	yes	yes	yes	yes
3500	no	yes	yes	no	no
4000	no	yes	yes	yes	yes
4500	no	yes	yes	yes	yes
5000	no	yes	yes	yes	yes
5500	no	yes	yes	yes	yes
6000	no	yes	yes	yes	yes

#### **Residential Electric**

#### **General Information**

1 Single Phase Phase 3 Three Phase

N Non-Simultaneous Operation S Simultaneous

FX: RF350S6-1NCWW

EX: RF350S6-1NCWW

Designator	Α	C	E	Н	J	L*	
Voltage	120	208/240	277	480	600	208	

EX: RE350S6-1NCWW. \* Use "L" voltage designator if wiring 208V with 5000, 5500 or 6000 watt.

#### For 120V, 277V, 480V, and 600V operation

Designator	J	K	L*	M	N	P	R	
Wattage	1000	1250	1500	2000	2500	3000	3500	

Designator	S	T	W	X	Y	Z
Wattage	3800	4000	4500	5000	5500	6000

Wattage Wattage Wattage Limitations for Voltage Limitations for Limitations for Voltage Simultaneous Non-Simultaneous Single Element Operation 120V 208V 240V 277V 480V Operation Operation 120V 208V 240V 277V 480V 1500W / 1500W ves ves 1500W / 1500W 1500W 2000W / 2000W yes yes 2000W / 2000W 2000W 2500W / 2500W 2500W / 2500W 2500W yes yes 3000W / 3000W 3000W / 3000W 3000W ves ves ves 3500W / 3500W 3500W / 3500W 3500W ves no 4000W / 4000W 4000W / 4000W 4000W 4500W / 4500W 4500W / 4500W 4500W yes yes 5000W / 5000W ves ves 5000W / 5000W 5000W 5500W / 5500W 5500W / 5500W 5500W ves no no 6000W / 6000W 6000W / 6000W 6000W

\*\* INCOLOY® element only.

EX: RE350S6-1NCWW. \* Use "L" voltage designator if wiring 208V with 2500W or 3000W on RE16U, and RE112T models. All 120V and 277V models are shipped standard single phase. Three phase not available.

#### For 240V and 208V operation (Dual rated elements show a value for both 240V and 208V)

Designator	J	K	L	M	N	P	R	S	T	W	Х	Y	Z	X**	γ**	Z**
240V Wattage	1000	1250	1500	2000	2500	3000	3500	3800	4000	4500	5000	5500	6000	_	_	_
208V Wattage	_	_	1000	1500	2000	_	2500	_	3000	3500	_	4000	4500	5000	5500	6000†

EX: RE350S6-1NCWW, will give 240V with 4500W/4500W. This same heater could also be energized at 208V with reduced wattage of 3500W/3500W.

IMPORTANT FOR TIME OF INSPECTION - Please be aware that due to updated DOE testing/efficiency requirements, some models may not be able to show dual ratings on the product's rating plate. Models that no longer show dual Rating (Please refer to wattage minimum and maximums on page 34); RE340T, RE250T, RE250LN

#### Residential Electric

#### **General Information - Hybrid Electric Heat Pump Water Heater**

Phase 1 Single Phase

Operation N Non-Simultaneous

EX: EX: RE2HP5010-1NCTT

EX: RE2HP5010-1NCTT

Designator	C
Voltage	208/240

EX: RE2HP5010-1NCTT

For 240V and 208V operation (Dual rated elements show a value for both 240V and 208V)

Designator	T
240V Wattage	4000
208V Wattage	3000

EX: RE2HP5010-1NCTT, will give 240V with 4000 W. This same heater can also be energized at 208V with reduced wattage of 3000 W.

#### **Residential Electric**

#### AeroTherm<sup>®</sup> Series G2 Hybrid Electric Heat Pump Featuring Bradford White Wave™













- Best-in-class efficiency with up to 4.20 UEF (65-gallon)
- ENERGY STAR® Certified
- Eligible for rebates and tax credits
- ICON System® with Exclusive LED Digital Display—Designed for ease of use. Able to select between English, Spanish and French Canadian languages
- Built-in Bradford White Wave<sup>™</sup>—Turns heater into a smart, connected appliance that can be controlled from a smart phone or device via an app
- StartGuard® Technology—Provides "Dry-Fire" protection
- Quieter design—Quieter operation than previous generations, less than 50 dBA
- Smaller install footprint—Zero Clearance Requirements on sides and rear
- Vitraglas<sup>®</sup> Lining with Microban<sup>®</sup>
- Operation flexibility—Up to 5 operating modes
- Packaging can be laid on its back for transportation flexibility
- Easily Accessible Top Mounted Washable Air Filter—Automatic alerts when cleaning is needed





#### AeroTherm® Series Heat Pump Featuring Bradford White Connect™











- ENERGY STAR® Qualified
- The AeroTherm® Series control panel
- Featuring Bradford White Connect<sup>™</sup>—turns heater into a smart, connected appliance that can be controlled from a smart phone or device via an app
- Operation flexibility—up to 5 operating modes
- Advanced Water Heating Specification (AWHS) compliant (CON models = Tier 4)
- Vitraglas® tank lining with Microban®
- Operating air temperature range of 35-120°F (heat pump)
- Backup electric heating elements
- · Direct heat transfer with immersed elements
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- · Low restrictive brass drain valve







#### AeroTherm® Series Heat Pump









- ENERGY STAR® Qualified
- The AeroTherm® Series control panel
- Operation flexibility—up to 5 operating modes
- Advanced Water Heating Specification (AWHS) compliant (standard models = Tier 2)
- Compatible with Bradford White Connect<sup>™</sup>—sold separately
- Vitraglas® tank lining with Microban®
- Operating air temperature range of 35-120°F (heat pump)
- Backup electric heating elements
- Direct heat transfer with immersed elements
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve







## **Upright**





- Blanketed & Non-blanketed models available
- Fully automatic controls
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Simultaneous and Non-simultaneous operation available
- Voltages available—120V, 208V, 240V, 277V, 480V
- Single phase or three phase operation available— (120V & 277V single phase only)
- · Direct heat transfer with immersed elements
- Approved for installation in a manufactured home (mobile home)
- . Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps
- · Protective anode rod
- T&P relief valve
- Low restrictive brass drain valve











#### Lowboy





- Blanketed & Non-blanketed models available
- Fully automatic controls
- Vitraglas<sup>®</sup> tank lining with Microban<sup>®</sup>
- Hydrojet® Total Performance System
- Simultaneous and Non-simultaneous operation available
- Voltages available—120V, 208V, 240V, 277V, 480V
- Single phase or three phase operation available— (120V & 277V single phase only)
- Direct heat transfer with immersed elements
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway with heat traps (except RE120L)
- · Protective anode rod
- T&P relief valve—all models available with optional top T&P location (plugged)
- · Low restrictive brass drain valve













#### Utility





- Fully automatic controls
- Vitraglas® tank lining with Microban®
- Voltages available—120V, 208V, 240V, 277V, 480V
- · Single phase operation only
- Direct heat transfer with immersed elements
- Approved for installation in a manufactured home (mobile home)
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway fittings
- Protective anode rod
- · T&P relief valve
- · Low restrictive brass drain valve









### **PC Powerful Compact**<sup>™</sup>





- Compact design
- Fully automatic control
- Vitraglas® tank lining with Microban®
- · Direct heat transfer with immersed element
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway fittings
- · Protective anode rod
- . T&P relief valve opening
- Wall mounting bracket (optional)





### Residential Electric Specialty Products

#### KwickShot® Tankless Electric





## Single Point Flow Controlled, Non-Thermostatic Models (Single Phase Only)

- · On demand hot water—no delay
- · Continuous hot water—no storage capacity to run out
- · Self-diagnostics with intelligent controls
- · LED indicator
- Low flow activation—starting at .25 GPM (model dependent)
- Dry-fire protection—engages upon start-up
- Flexible installation
- Compact size
- Easy installation
- No T&P relief valve needed
- Integral 3/8" compression fittings
- · Control system—activates heater only on demand
- Bare wire technology
- Automatic high temperature limit reset—enables safe operation (USA models only)





#### Residential Electric Specialty Products

#### KwickShot® Tankless Electric





#### Thermostatic Models (Single Phase Only)

- Self-diagnostics with intelligent controls
- Digital LED display—with accessible user interface
- Dry-fire protection—engages upon start-up
- Flexible installation
- Compact size
- Easy installation
- Industry's lowest activation—with 0.2 GPM turn on flow
- Silent operation on all models—except TET115V240
- No T&P relief valve needed
- Integral 3/8" compression fittings
- · Control system—activates heater only on demand
- Active energy management with power modulation allows for thermostatic accuracy
- High temperature limit switch—enables safe operation









#### **Residential Solar**

### Solar Saver® Electric Backup





- Backup element—4500W element provides heat only when solar energy does not satisfy demand
- Consult factory for other wattages
- Fully automatic controls
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- Top of tank access for wiring and water connections
- · Pre-wired sensor lead
- Thermal feet
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric waterway fittings
- Protective anode rod
- T&P relief valve
- . Low restrictive brass drain valve





## **Residential Indirect**

## **PowerStor Series® Single-Wall Indirect**







- Vitraglas® tank lining with Microban®
- Heat exchanger—single-wall 1½" O.D. enamel coated (Vitraglas® tank lining with Microban®) Steel Coil
- Hydrojet® Total Performance System
- Immersion type aguastat— accurate temperature control
- 1" NPT connection for boiler supply and return
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings (SW-2-120L has 1" NPT water connection)
- Three protective anode rods
- T&P relief valve
- · Low restrictive brass drain valve











#### **Residential Indirect**

#### **PowerStor2**<sup>™</sup> Series Double-Wall Indirect







- Vitraglas® tank lining with Microban®
- Heat exchanger—double-wall 11/2" O.D. enamel coated (Vitraglas® tank lining with Microban®) Steel Coil
- · Head loss-up to 10 GPM flow, with less than 5 ft. of head loss
- Hydrojet® Total Performance System
- Surface-mount thermostat
- Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings
- Two protective anode rods
- T&P relief valve
- · Low restrictive brass drain valve













#### **Residential Indirect**

## PowerStor Series® SS Single-Wall Indirect



- Stainless steel heat exchanger—single-wall 1" O.D. stainless steel coil
- Stainless steel tank and heat exchanger—made from Chromium Molybdenum
- · Immersed adjustable aquastat
- Non-CFC foam insulation
- Potable water connections—3/4" NPT (1" NPT on SS-120-L)
- Supply and return connections—1" NPT connections on the front for both the boiler supply and return
- T&P relief valve
- Low restrictive brass drain Valve (excluding the SS-120-L)











## **Residential Storage**

#### **Storage Tank**





- Fully automatic controls
- Vitraglas® tank lining with Microban®
- Hydrojet® Total Performance System
- 2" Non-CFC foam insulation
- Water Connections—NPT factory installed dielectric fittings (1" NPT on AST-120)
- Boiler return is 3/4"
- Thermal feet
- · Protective anode rod
- . T&P relief valve opening
- Brass drain/return valve (3/4")



CLICK OR SCAN HERE for product specifications and all related technical documents



## **Warranty Information**

Residential Gas Models	Limited Tank Warranty	Limited Parts Warranty
Atmospheric Vent High EF Models	6 or 10 Year	6 or 10 Year**
Atmospheric Vent Damper Models	6 or 10 Year	6 or 10 Year**
Residential High EF Models	6 or 10 Year	6 or 10 Year**
Residential High Input Models	6 or 10 Year	6 or 10 Year**
Residential Upright Models	6 or 10 Year	6 or 10 Year**
Residential Power Vent Models	6 or 10 Year	6 or 10 Year**
Residential eF Series® Power Direct Vent Model	6 or 10 Year	6 or 10 Year**
Residential Power Direct Vent Models	6 or 10 Year	6 or 10 Year**
Residential Direct Vent Models	6 or 10 Year	6 or 10 Year**
Residential Ultra Low NOx Models	6 or 10 Year	6 or 10 Year**
Residential eF Series® Models	6 or 10 Year	6 or 10 Year**
Residential Manufactured Home Models	6 or 10 Year	6 Year
Residential Infiniti® Series Tankless Models	15 Year*	5 Year
Residential Infiniti Tankless® Models	12 Year*	5 Year
Residential Heat Pump Models		
Residential AeroTherm® Heat Pump Models	6 or 10 Year	6 or 10 Year**

	Coverage may vary, please contact the Bradford White Warranty Department for specific details.
	Some states do not allow limitations on warranties. See copy of the Warranty included with the heater
k	Heat Evaluation Only

\* Heat Exchanger Only

Residential Electric Models	Limited Tank Warranty	Limited Parts Warranty
Residential High Efficiency, Upright, Lowboy Models	6 or 10 Year	6 or 10 Year*
Residential Utility Models	6 or 10 Year	6 or 10 Year*
PC Powerful Compact™ Model	6 or 10 Year	6 or 10 Year*
KwickShot® Tankless Electric Models	5 Yeart	1 Year
Solar Models	-	
Residential Solar Models	6 or 10 Year	6 Year
Residential Hydronic/Space Heating		
Residential Combi1® Models	10 Year	6 Year
Residential Combi2® Models	10 Year	6 Year
Residential Indirect Models		
Residential PowerStor Series® Model	Limited Lifetime	6 Year
Residential PowerStor2 <sup>™</sup> Series Models	Limited Lifetime	6 Year
Residential PowerStor Series® SS Models	Limited Lifetime	6 Year
Residential Storage Tank		
Residential AST Models	6 Year	6 Year

<sup>\*\* 10</sup> year parts warranty on warranty upgrade kit models only

<sup>†</sup> Heater Body Element Assembly.

## **Tank Type Serial Number Identification**

K = 1993	S = 1998	Z = 2003	E = 2008	K = 2013	S = 2018	Z = 2023
L = 1994	T = 1999	A = 2004	F = 2009	L = 2014	T = 2019	A = 2024
M = 1995	W = 2000	B = 2005	G = 2010	M = 2015	W = 2020	B = 2025
N = 1996	X = 2001	C = 2006	H = 2011	N = 2016	X = 2021	C = 2026
P = 1997	Y = 2002	D = 2007	J = 2012	P = 2017	Y = 2022	D = 2027

Bradford White uses a 20-year letter designation rotation in serial numbers. Therefore, please be aware that water heaters manufactured 20 years apart will have the same serial number "letter year" designation. (i.e. A = 2004 and 1984).

#### SECOND LETTER - MONTH OF MANUFACTURE

A = JANUARY	E = MAY	J = SEPTEMBER
B = FEBRUARY	F = JUNE	K = OCTOBER
C = MARCH	G = JULY	L = NOVEMBER
D = APRIL	H = AUGUST	M = DECEMBER

#### Example:

**FC**12345678 = MARCH, 2009 Production **NA**12345678 = JANUARY, 1996 Production

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# What American Strong means to Bradford White.

American Pride has always been in everything we do. Bradford White began over 140 years ago with a simple vision, to deliver high quality, superior products made by American craftspeople.

We are committed to American manufacturing. We are an American-owned company, with all our manufacturing facilities located in the United States. Bradford White proudly employs over 2,000 people at our American facilities.

We proudly support the professional. At Bradford White, we focus on the professional. Our quality product deserves a quality installation.

American Strong...around the world. Bradford White products are available to professionals around the world. For example, our Halton Hills, ON sales, training and distribution center provides full support to our Canadian customers.

Built to be the Best. Bradford White proudly brings American ingenuity and quality to customers around the world. By combining American Strong manufacturing with select components and products sourced from top international partners, the result is all Bradford White products are Built to be the Best. - now and in the future.













Products made by Bradford White are manufactured in America using the finest materials and components from around the world.



#### SALES DEPARTMENT

For questions regarding where to purchase water heaters or who your local Bradford White representative is: **Phone: 800-523-2931** 

#### 24/7 TECHNICAL SUPPORT

For questions during and after installation, including sequence of operation, diagnosis, and repair assistance: Phone: 800-334-3393 | Email: techserv@bradfordwhite.com

#### PRODUCT SUPPORT

Pre-Installation support such as product sizing, performance, application, and clarification questions: Phone: 844-235-4958 | Email: products@bradfordwhite.com

#### 24/7 WARRANTY SUPPORT

For questions regarding tank and/or parts warranty and limitations on warranties:

Phone: 800-531-2111 | Email: warranty@bradfordwhite.com

## **Committed to Professional Installation.**

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**RPC-0725** 

To see Bradford White's complete line of products visit: www.bradfordwhite.com