Commercial Gas Boilers and Indirect Models



Brute[™] **Deluxe** (Commercial)

- Indoor/Outdoor installation
- 85% thermal efficiency
- Low NOx
- Boiler / Water Heater / Pool Heater
- 120V / 60Hz or 220V / 50Hz
- Available in NG or LPG

Brute[™] Deluxe (Commercial)

| Model lumber | Input (kW) | Thermal Efficiency (H) | Thermal Efficiency (V) | Recovery (I/hr) 56C° Rise | Shipping Weight (kg) | |
|-----------------|---------------|------------------------------|------------------------------|---------------------------------|----------------------------|---|
| 3MT2H0500 | 147 | 85% | 85% | 1931 | 193 | Ī |
| 3MT2H0750 | 220 | 85% | 85% | 2900 | 229 | |
| 3MT2H1000 | 293 | 85% | 85% | 3857 | 279 | |
| 3MT2H1250 | 366 | 85% | 85% | 4830 | 306 | |
| 3MT2H1500 | 440 | 85% | 85% | 5795 | 345 | |
| 3MT2H1750 | 513 | 85% | 85% | 6761 | 374 | |
| 3MT2H2000 | 586 | 85% | 85% | 7722 | 433 | |

Change "H" to "V" for Volume Water Heaters or to "P" for Pool Heaters.

Commercial **PowerStor** Single Wall **Indirect Models**

- Hydrojet® Total Performance System
- Vitraglas® Tank Lining
- Low Restriction Heat Exchanger minimizes
- Immersed adjustable aquastat
- All Certified by AHRI

| Commerci | al Powe | rStor | Single Wa | II Indirect | Models |
|-----------------|----------------|----------------|----------------|------------------|----------------|
| Model Number | Capa Gallon | acity Liter | Height (mm) | Diameter (mm) | Weight (kg) |
| SW-65C-5 | 58 | 220 | 1505 | 559 | 124 |
| SW-80C-5 | 73 | 276 | 1499 | 610 | 136 |
| SW-120C-5 | 114 | 432 | 1588 | 718 | 191 |

Specialty Products



Large Volume Solar Tanks

- 660 to 3935 liter capacities • Up to 15 Coils
- (based on tank size) • Multiple coils allow
- for separate heating mediums in one tank (i.e. solar & boiler)
- ASME tank construction
- Custom sizes available



Hot Water Generator

- 660 to 5790 liter
- Single or double wall tube
- Optional temperature control package (steam-to-water or water-to-water)
- ASME tank construction
- Custom sizes available

Warranty

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

*Five-year tank warranty on BW models

Bradford White offers expert Technical Service and Warranty Support, 24 hours a day, 7 days a week.



echnical Support: techserv@bradfordwhite.com warranty@bradfordwhite.com

nternational@bradfordwhite.com

Additional models and sizes are available. For more information, please visit www.bradfordwhite.com/internationalsales



ICON 2.0 GOES GLOBAL

Bradford White's proprietary ICON 2.0 system is now standard on residential gas water heaters. Includes exclusive features such as intelligent diagnostics with easier-to-see multicolored LED light, enhanced temperature control accuracy, pilot-on indication, millivolt power, and more.



Industrious Manufacturers and Innovators

Throughout a history dating back to 1881, we introduced some of the most high-performing, energy-saving products to the world market. While competitors moved production out of the country, we invested in America, and our perseverance has paid off.



Today, with headquarters in suburban Philadelphia and manufacturing operations in Middleville and Niles, Michigan and Rochester, New Hampshire, and a distribution center in Halton Hills, Ontario, Canada, Bradford White Corporation enters a new era of technologically-enhanced, energy-efficient products that bring reliable heating solutions to the world.



BRADFORD WHITE WATER HEATERS

With a focus on manufacturing top-of-the-line water heaters since its inception in 1881, Bradford White Water Heaters continues to grow. Beginning in 2012 and ongoing today, Bradford White's Middleville, Michigan factory, distribution center, and engineering labs have all undergone an evolution of changes. The facility has added increased production capacity, improved shipping capabilities, and expanded engineering resources that have all further enhanced Bradford White's industry-leading operational performance. With over 1,000,000 square feet under one roof and growing, Bradford White's Middleville, MI facility is poised for today's challenges with an eye on the future.



Acquired in 2002, Niles Steel Tank has been building tanks since 1898. In recent years, Niles Steel Tank has continued to add equipment and develop processes that speed standard tank manufacturing and allow a greater level of product customization as well. Niles Steel Tank has also purchased additional real estate with an eye on future facility expansion.



LAARS HEATING SYSTEMS

Founded in 1948 and acquired in 2005. Since that time, the Laars commitment to better products and better service is evident in the expansion of their facilities, the addition of a state-of-the-art customer training center, and the enlargement of the research and testing laboratory. Laars continues to expand capabilities and develop the increasingly efficient boilers and volume water heaters.







www.bradfordwhite.com





Innovative Water Solutions, Hyderabad, India Ph: 934 6621 0707 or 984 904 5334 Email: iwscmo@gmail.com

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Residential and Commercial Electric Models



Residential Electric Lowboy Models*

| Model | Capacity | | Capacity Height | | Height | Diameter | Weight |
|--------|----------|-------|-----------------|------|--------|----------|--------|
| Number | Gallon | Liter | (mm) | (mm) | (kg) | | |
| BW2-L | 2.5 | 10 | 338 | 335 | 8 | | |
| BW4-L | 4 | 15 | 419 | 335 | 10 | | |
| BW6-L | 6 | 23 | 528 | 335 | 13 | | |

*Five-year tank warranty.

- 1.3 kW copper elements
- 120V only
- Floor-standing or wall-mount options
- Color-coded water connections
- Pilot light
- Enamel lined tank
- UL-174



esidential Electric Upright Models

| Model | Capa | city | Height | Diameter | Weight |
|--------------|--------|-------|--------|----------|--------|
| Number | Gallon | Liter | (mm) | (mm) | (kg) |
| M-I-30R6DS | 30 | 114 | 1191 | 406 | 36 |
| M-I-40S6DS | 40 | 151 | 1191 | 457 | 44 |
| M-I-50S6DS | 50 | 189 | 1181 | 508 | 54 |
| M-I-65R6DS | 65 | 246 | 1505 | 508 | 66 |
| M-I-80R6DS | 80 | 303 | 1505 | 559 | 79 |
| M-II-120R6DS | 119 | 451 | 1581 | 711 | 138 |

- 1.5 to 12 kW
- 120V, 208V, 240V, 380V, 415V, 480V
- Copper elements (Incoloy® optional)
- Hydrojet® Total Performance System
- Vitraglas® tank lining
- UL-174 and IEC



Commercial ElectriFLEX MD™

Enamel lined tank

Residential Lowboy and Wall-Hung

• 1.5 to 6 kW Incoloy® elements

• 120V, 208V or 240V single phase

Color-coded water connections

Floor-standing or wall-mount options

*Five-year tank warranty.

Pilot light

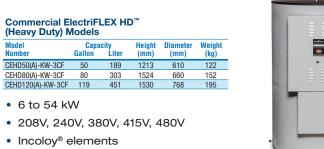
• UL-174

BW12-L 12 45 500 539 545 26

BW12-WHL 12 45 500 539 530 26

| Model Number | Capa Gallon | city Liter | Height (mm) | Diameter (mm) | Weight (kg) |
|-----------------|----------------|---------------|-------------|------------------|----------------|
| E32-50S-3 | 50 | 189 | 1181 | 559 | 62 |
| E32-80R-3 | 80 | 303 | 1499 | 610 | 86 |
| E32-120R-3 | 119 | 451 | 1600 | 718 | 142 |

- 6 to 18 kW
- 208V, 240V, 380V, 415V, 480V
- Incoloy® elements
- Field convertible to meet the voltage, phase, and kW input required
- Hydrojet® Sediment Reduction System
- Vitraglas® tank lining
- UL-1453



- CEHD50(A)-KW-3CF 50 189 1213 610 122 CEHD80(A)-KW-3CF 80 303 1524 660 152 CEHD120(A)-KW-3CF 119 451 1530 768 195
- 6 to 54 kW

- · Field convertible to meet the voltage, phase, and kW input required
- Immersion thermostat
- Optional ASME tank construction
- Hydrojet® Sediment Reduction System
- Vitraglas® tank lining
- UL-1453



nercial Vertical Round Electric Brute[™] Industrial) Models

| del nber | Capa Gallon | city Liter | Height (mm) | Diameter (mm) | Weight (kg) |
|-------------|----------------|---------------|----------------|------------------|-------------|
| 150-(kW) | 150 | 568 | 1656 | 813 | 295 |
| 200-(kW) | 200 | 757 | 1981 | 813 | 340 |
| 250-(kW) | 250 | 946 | 2337 | 864 | 528 |
| 300-(kW) | 300 | 1136 | 2032 | 1016 | 612 |
| 100-(kW) | 400 | 1514 | 2032 | 1168 | 721 |
| 500-(kW) | 500 | 1893 | 2337 | 1168 | 771 |
| 600-(kW) | 600 | 2271 | 2337 | 1372 | 912 |
| 300-(kW) | 800 | 3028 | 2642 | 1321 | 1111 |
| 1000-(kW) | 1000 | 3785 | 3251 | 1321 | 1433 |
| 1250-(kW) | 1250 | 4732 | 3378 | 1473 | 1720 |
| 1500-(kW) | 1500 | 5678 | 3277 | 1626 | 2064 |
| 2000-(kW) | 2000 | 7571 | 3581 | 1778 | 2477 |
| 2500-(kW) | 2500 | 9464 | 3734 | 1930 | 2972 |

- 12 to 360 kW
- 208V, 240V, 380V, 400V, 415V, 480V
- Incoloy® elements
- Immersion thermostats
- 150 PSI ASME tank construction
- Digital temperature display
- Vitraglas® tank lining
- UL-1453

Residential Electric and Heat Pump



Residential Electric Horizontal Wall Hung*

| Model Number | Capa Gallon | city Liter | Width (mm) | Height (mm) | Depth (mm) | Weight (kg) | | | |
|---|----------------|---------------|---------------|----------------|---------------|----------------|--|--|--|
| BW50H | 13 | 50 | 572 | 502 | 508 | 27 | | | |
| BW80H | 21 | 80 | 778 | 502 | 508 | 34 | | | |
| BW100H | 26 | 100 | 940 | 502 | 508 | 37 | | | |
| BW120H | 31 | 120 | 1092 | 502 | 508 | 42 | | | |
| BW150H | 40 | 150 | 1325 | 502 | 508 | 49 | | | |
| *Five-year tank warranty. † Change "H" to "V" for vertical orientation. | | | | | | | | | |

- 2 kW copper elements standard
- 1.5 or 2kW titanium elements optional

Height (mm)

RG230T6N 30 114 1518 457 53

RG250S6N 50 189 1527 559 76

RG275S6N 75 284 1591 660

• Inputs ranging from 9.1 to 23.5 kW

• 51 mm (2") non-CFC foam insulation

Hydrojet® Total Performance System

(31,000 to 80,000 BTU/Hr)

Bradford White ICON System®

Vitraglas® tank lining

Available in NG and LPG

- 220V
- Temperature indicator & pilot light
- Color-coded water connections
- Horizontal and vertical options

Residential Gas Atmospheric Vent Models

RG250T6N 50 189 1527

- Enamel lined tank
- IEC



Residential Heat Pump Water Heater*

| Model Number | Capa Gallon | city Liter | Width (mm) | Height (mm) | Depth (mm) | Weight (kg) |
|-----------------|----------------|---------------|---------------|-------------|---------------|-------------|
| BWHP200 | 53 | 200 | 570 | 1860 | 584 | 97 |
| BWHP200C | 50 | 190 | 570 | 1860 | 584 | 114 |
| BWHP300 | 75 | 285 | 670 | 1960 | 686 | 130 |
| BWHP300C | 73 | 275 | 670 | 1960 | 686 | 147 |

- *Five-year tank warranty. • COP: 4.4
- A+ ErP rating
- User-friendly controls with LED indicator
- 70°C anti-Legionella program
- Optional solar coil
- · Supplemental 2 kW heating element
- 230V / 50Hz only
- IEC

Residential and Commercial Gas Models

Commercial Gas Flue Damner Flectronic Ignition Models



| Commercial | uas riue i | Jannper | Liectioni | c igililion i | VIO |
|-----------------|----------------|---------------|----------------|------------------|--------|
| Model Number | Capa Gallon | city Liter | Height (mm) | Diameter (mm) | W (|
| D-38T-155-3N | 38 | 144 | 1195 | 718 | 1 |
| D-65T-370-3N | 65 | 246 | 1735 | 718 | 3 |
| D-65T-399-3N | 65 | 246 | 1735 | 718 | 3 |
| D-75T-125-3N | 75 | 284 | 1754 | 718 | 2 |
| D-75T-160-3N | 75 | 284 | 1754 | 718 | 2 |
| D-75T-300-3N | 75 | 284 | 1773 | 718 | 2 |
| D-80T-180-3N | 80 | 303 | 1735 | 718 | 2 |
| D-80T-199-3N | 80 | 303 | 1735 | 718 | 2 |
| D-80T-250-3N | 80 | 303 | 1735 | 718 | 2 |
| D-80T-425-3N | 80 | 303 | 2015 | 718 | 3 |
| D-80T-505-3N | 80 | 303 | 2015 | 718 | 3 |
| D-100L-199-3N | 100 | 379 | 1751 | 768 | 3 |
| D-100T-199-3N | 98 | 371 | 2015 | 768 | 2 |
| D-100L-250-3N | 100 | 379 | 1735 | 768 | 3 |

- Inputs ranging from 36.6 to 148 kW (125,000 to 505,000 BTU/Hr)
- Bradford White ICON HD™
- Hydrojet[®] Sediment Reduction System
- Vitraglas® tank lining
- Available in NG and LPG



| Capa | | Height | Diameter | Weigh |
|--------|------------------------------|---|---|--|
| Gallon | Liter | (mm) | (mm) | (kg) |
| 60 | 227 | 1448 | 718 | 259 |
| 60 | 227 | 1448 | 718 | 259 |
| 60 | 227 | 1448 | 718 | 259 |
| 100 | 379 | 1972 | 718 | 408 |
| 100 | 379 | 1972 | 718 | 408 |
| 100 | 379 | 1972 | 718 | 408 |
| 100 | 379 | 1972 | 718 | 408 |
| | 60 60 60 100 100 | 60 227 60 227 60 227 100 379 100 379 100 379 | Gallon Liter (mm) 60 227 1448 60 227 1448 60 227 1448 100 379 1972 100 379 1972 100 379 1972 100 379 1972 | Gallon Liter (mm) (mm) 60 227 1448 718 60 227 1448 718 60 227 1448 718 100 379 1972 718 100 379 1972 718 100 379 1972 718 100 379 1972 718 |



- A ErP rating
- Horizontal or vertical direct vent with plastic pipe
- 300,000 BTU/Hr)
- Hydrojet® Sediment Reduction System
- 120V / 60Hz or 220V / 50Hz
- Available in NG and LPG

Commercial Storage Tanks



Commercial Jacketed Storage

- 300, 450, and 750 liter capacities
- Vitraglas® tank lining
- 51 mm (2") non-CFC foam insulation
- ASME optional on 300 & 450 liter models (750 liter ASME standard)



Large Volume Storage Tanks Jacketed & Insulated

- 650 to 7550 liters
- Vertical or horizontal construction
- Vitraglas[®], Double Vitraglas[®], and stainless steel tank options available
- All tanks are ASME certified
- Custom tank sizes available



Large Volume Storage Tanks Unjacketed

- 650 to 21,500 liters, standard factory sizes
- Vertical or horizontal construction Vitraglas[®], Double Vitraglas[®], and stainless steel options available
- All tanks are ASME certified
- Custom tank sizes available (up to 113,500 liters)



Large Volume Storage Tanks Topcoat

- 650 to 21,500 liters, standard factory sizes Vertical or horizontal construction
- Vitraglas[®], Double Vitraglas[®], and stainless steel options available
- All tanks are ASME certified
- Topcoat insulation formulated to withstand extreme weather and conditions
- Custom tank sizes available (up to 113,500 liters)

Ultra High Efficiency Product - Ultra Low NOx Condensing Technology ▼



- Up to 99.1% thermal efficiency
- Bradford White ICON HD™
- Inputs ranging from 36.6 to 87.9 kW (125,000 to
- Vitraglas® Tank Lining

• 5:1 turndown ratio

Brute MagnaTech™

- 95% thermal efficiency
- Stainless steel heat exchanger
- Variable speed pump control Horizontal or vertical direct vent with
- plastic pipe
- · Quiet, variable speed blower
- Lead lag cascading of up to 8 units
- Available in NG and LPG

Brute MagnaTech™ Boilers

| Model Number | Input (kW) | Efficiency (H) | Efficiency (V) | (I/hr) 56C° Rise | Weight (kg) | |
|-----------------|---------------|-------------------|-------------------|---------------------|----------------|---|
| BMGH-1600 | 469 | 95% | 96% | 6908 | 721 | |
| BMGH-2000 | 586 | 95% | 96% | 8635 | 721 | |
| BMGH-2500 | 732 | 95% | 96% | 10792 | 900 | |
| BMGH-3000 | 879 | 95% | 95% | 12950 | 900 | |
| BMGH_3500 | 1026 | 95% | 96% | 15111 | 112/ | Ī |

95% Change "H" to "V" for Volume Water Heaters.

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