

# Rinnai®

HEATERS | WATER HEATERS | FIREPLACES

## CONTINUOUS FLOW WATER HEATERS

*FOR RESIDENTIAL*



PAUL HARVEY NEWS



# GIVE THEM ALL THE HOT WATER

## Never Run Out Of Hot Water Again

Today, Homeowners want multiple shower heads and even larger garden tubs. With a shower head flow rate about 2.5 gallons a minute or whirlpool or soaker tubs with more than a 70 gallon capacity, the old technology 50-gallon tank can't do the job. With a Rinnai, you get up to 8.5 gallons of hot water per minute. And, the hot water temperature is consistent and never ending!

## You Control The Temperature

Individual temperature controls give homeowners the flexibility to change the temperature in different locations of their home. Just imagine...never ending hot water in the kitchen, bath or laundry room and at the exact temperature you desire.



*Digitally controlled  
output temperature  
to plus or minus 2°F*

*(optional 140°F shown)*



## Safety And Convenience

With old technology water tanks you can only set the temperature once, at the highest setting required in your home. This can be dangerous, particularly for young and elderly people. The Rinnai Tankless Water Heating System allows you to set the temperature, so there is no more scalding.

Now you can have an endless supply of hot water at the exact temperature you need, for as long as you need it.

The Rinnai Tankless Water Heating System can provide the luxury of controllable, endless hot water, and make your home safer and more efficient.

# THEY WANT.

### Model 2532W External Residential



#### FEATURES

- 15,000 TO 199,000 BTUH Capacity (No Pilot Light With Our Direct Electronic Ignition)
- 0.6 to 8.5 Gallons Per Minute Delivered Endlessly
- Natural Gas or Propane Models Available
- External Installation With No Indoor Combustion
- 9" Depth, 14" Width, 24" Height
- Easily Installed

#### CABINET

- Heavy Gauge, Textured, White Powder Coated Cabinet

#### VENTING

- External - No Venting Required

#### WARRANTY

- Exceptional 10-Year Limited Warranty On The Heat Exchanger and a 5-Year Warranty On All Other Parts

### Model 2532FFU Internal Residential



#### FEATURES

- 15,000 TO 180,000 BTUH Capacity (No Pilot Light With Our Direct Electronic Ignition)
- 0.6 to 8.5 Gallons Per Minute Delivered Endlessly
- Natural Gas or Propane Models Available
- Internal Installation With No Indoor Combustion
- 9" Depth, 14" Width, 24" Height
- Easily Installed

#### CABINET

- Heavy Gauge, Textured, White Powder Coated Cabinet

#### VENTING

- Internal - Direct Vent

#### WARRANTY

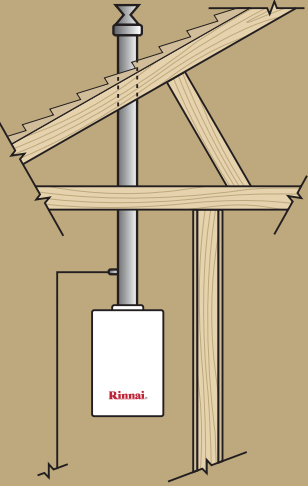
- Exceptional 10-Year Limited Warranty On The Heat Exchanger and a 5-Year Warranty On All Other Parts



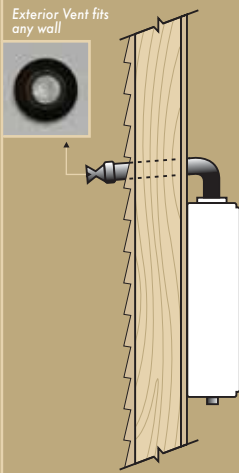
## AVAILABLE INSTALLATIONS

- When the Rinnai is installed on an exterior wall, it requires no additional venting accessories.
- For indoor installations, the Rinnai exhausts air through a 3" pipe within the center of a 5" concentric air intake pipe.
- This Rinnai advantage results in only one wall or roof penetration, and it uses no indoor make-up air.

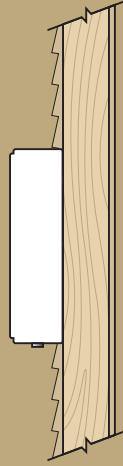
**Interior - roof penetration**



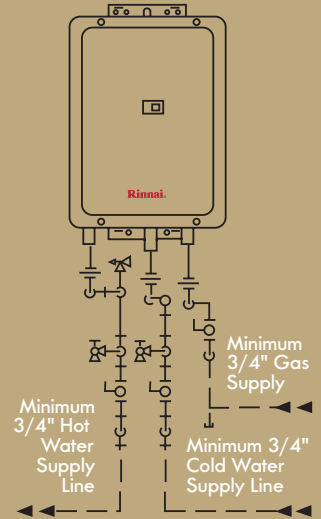
**Interior - wall penetration**



**Exterior - wall mount**



**Custom Recessed Installation**



**FOR MORE INFORMATION OR FREE DEMONSTRATION CONTACT US AT:  
1-866-RINNAI-1 (1-866-746-6241)  
OR VISIT OUR WEB SITE AT [www.foreverhotwater.com](http://www.foreverhotwater.com)**

*Meets the low NO<sub>x</sub> emissions requirements, for water heaters.*

### **Model 2020W External Residential**



#### **FEATURES**

- 20,200 TO 150,000 BTUH Capacity (No Pilot Light With Our Direct Electronic Ignition)
- 0.7 to 5.3 Gallons Per Minute Delivered Endlessly
- Natural Gas or Propane Models Available
- External Installation With No Indoor Combustion
- 8" Depth, 14" Width, 22" Height
- Easily Installed

#### **CABINET**

- Heavy Gauge, Textured, White Powder Coated Cabinet

#### **VENTING**

- External - No Venting Required

#### **WARRANTY**

- Exceptional 10-Year Limited Warranty On The Heat Exchanger and a 5-Year Warranty On All Other Parts

### **Model 2520FFU Internal Residential**



#### **FEATURES**

- 15,000 TO 180,000 BTUH Capacity (No Pilot Light With Our Direct Electronic Ignition)
- 0.6 to 5.3 Gallons Per Minute Delivered Endlessly
- Natural Gas or Propane Models Available
- Internal Installation With No Indoor Combustion
- 9" Depth, 14" Width, 24" Height
- Easily Installed

#### **CABINET**

- Heavy Gauge, Textured, White Powder Coated Cabinet

#### **VENTING**

- Internal - Direct Vent

#### **WARRANTY**

- Exceptional 10-Year Limited Warranty On The Heat Exchanger and a 5-Year Warranty On All Other Parts

# MODEL 2020W

## External Residential

# MODEL 2520FFU

## Internal Residential

### SPECIFICATIONS

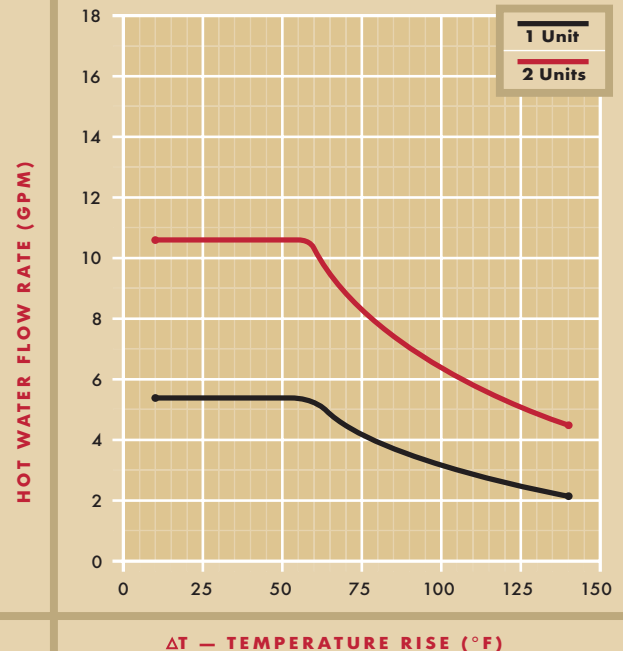
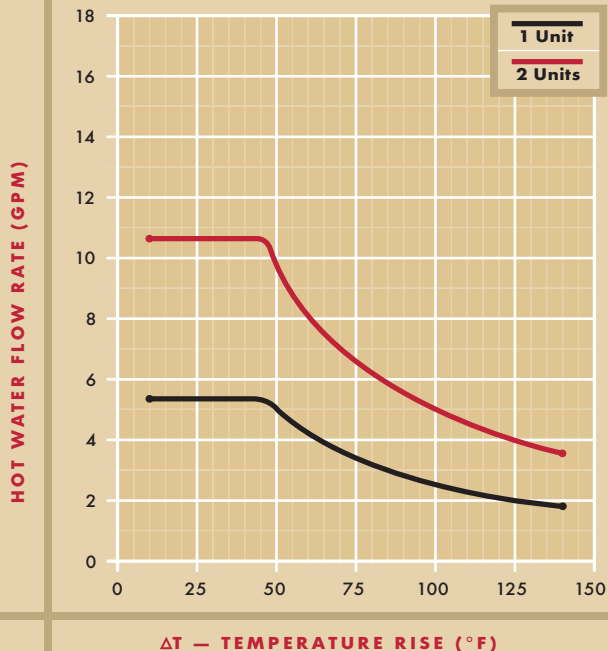
|   |  |
|---|--|
| Maximum/Minimum Gas Rate (Input BTU's)            | 150,000 BTU's/20,200 BTU's                                       |
| Energy Factor (EF)                                | Natural Gas: 0.82 Propane: 0.84                                  |
| Hot Water Capacity Range                          | 0.7 to 5.3 GPM   |
| Maximum Hot Water Capacity (35°F Rise)            | 5.3 GPM (318 GPH)  |
| Maximum Hot Water Capacity (77°F Rise)            | 3.3 GPM (198 GPH)  |
| Maximum Hot Water Capacity (90°F Rise)            | 2.8 GPM (168 GPH)  |
| NO <sub>x</sub> Emissions (At 3% O <sub>2</sub> ) | Less Than 40 Ng/J  |
| Setpoint Temperature (Without Remote)             | Factory Setting - 120° F   |
| Temperature Range With Remote Key Pads Connected  | MC Controller: 96° -140° F<br>BC and BSC Controller: 96° -120° F |

### SPECIFICATIONS

|   |  |
|---|--|
| Maximum/Minimum Gas Rate (Input BTU's)            | 180,000 BTU's/15,000 BTU's                                       |
| Energy Factor (EF)                                | Natural Gas: 0.82 Propane: 0.87                                  |
| Hot Water Capacity Range                          | 0.6 to 5.3 GPM   |
| Maximum Hot Water Capacity (35°F Rise)            | 5.3 GPM (318 GPH)  |
| Maximum Hot Water Capacity (77°F Rise)            | 4.1 GPM (246 GPH)  |
| Maximum Hot Water Capacity (90°F Rise)            | 3.5 GPM (210 GPH)  |
| NO <sub>x</sub> Emissions (At 3% O <sub>2</sub> ) | Less Than 40 Ng/J  |
| Setpoint Temperature (Without Remote)             | Factory Setting - 120° F   |
| Temperature Range With Remote Key Pads Connected  | MC Controller: 96° -140° F<br>BC and BSC Controller: 96° -120° F |

| Temperature Rise (°F) | Rinnai 2020W Water Heaters - Manifold Installations |            |             |             |
|-----------------------|---|------------|-------------|-------------|
|                       | 1 Unit GPM  | 1 Unit GPH | 2 Units GPM | 2 Units GPH |
| 140                   | 1.8   | 108.0      | 3.6         | 216.0       |
| 135                   | 1.9   | 112.0      | 3.7         | 224.0       |
| 130                   | 1.9   | 116.3      | 3.9         | 232.6       |
| 125                   | 2.0   | 121.0      | 4.0         | 241.9       |
| 120                   | 2.1   | 126.0      | 4.2         | 252.0       |
| 115                   | 2.2   | 131.5      | 4.4         | 263.0       |
| 110                   | 2.3   | 137.5      | 4.6         | 274.9       |
| 105                   | 2.4   | 144.0      | 4.8         | 288.0       |
| 100                   | 2.5   | 151.2      | 5.0         | 302.4       |
| 95                    | 2.7   | 159.2      | 5.3         | 318.3       |
| 90                    | 2.8   | 168.0      | 5.6         | 336.0       |
| 85                    | 3.0   | 177.9      | 5.9         | 355.8       |
| 80                    | 3.2   | 189.0      | 6.3         | 378.0       |
| 75                    | 3.4   | 201.6      | 6.7         | 403.2       |
| 70                    | 3.6   | 216.0      | 7.2         | 432.0       |
| 65                    | 3.9   | 232.6      | 7.8         | 465.2       |
| 60                    | 4.2   | 252.0      | 8.4         | 504.0       |
| 55                    | 4.6   | 274.9      | 9.2         | 549.8       |
| 50                    | 5.0   | 302.4      | 10.1        | 604.8       |
| 45                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 40                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 35                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 30                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 25                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 20                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 15                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 10                    | 5.3   | 318.0      | 10.6        | 636.0       |

| Temperature Rise (°F) | Rinnai 2520FFU Water Heaters - Manifold Installations |            |             |             |
|-----------------------|---|------------|-------------|-------------|
|                       | 1 Unit GPM  | 1 Unit GPH | 2 Units GPM | 2 Units GPH |
| 140                   | 2.2   | 134.2      | 4.5         | 268.5       |
| 135                   | 2.3   | 139.2      | 4.6         | 278.4       |
| 130                   | 2.4   | 144.6      | 4.8         | 289.1       |
| 125                   | 2.5   | 150.3      | 5.0         | 300.7       |
| 120                   | 2.6   | 156.6      | 5.2         | 313.2       |
| 115                   | 2.7   | 163.4      | 5.4         | 326.8       |
| 110                   | 2.8   | 170.8      | 5.7         | 341.7       |
| 105                   | 3.0   | 179.0      | 6.0         | 357.9       |
| 100                   | 3.1   | 187.9      | 6.3         | 375.8       |
| 95                    | 3.3   | 197.8      | 6.6         | 395.6       |
| 90                    | 3.5   | 208.8      | 7.0         | 417.6       |
| 85                    | 3.7   | 221.1      | 7.4         | 442.2       |
| 80                    | 3.9   | 234.9      | 7.8         | 469.8       |
| 75                    | 4.2   | 250.6      | 8.4         | 501.1       |
| 70                    | 4.5   | 268.5      | 8.9         | 536.9       |
| 65                    | 4.8   | 289.1      | 9.6         | 578.2       |
| 60                    | 5.2   | 313.2      | 10.4        | 626.4       |
| 55                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 50                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 45                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 40                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 35                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 30                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 25                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 20                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 15                    | 5.3   | 318.0      | 10.6        | 636.0       |
| 10                    | 5.3   | 318.0      | 10.6        | 636.0       |





# MODEL 2532W

## External Residential

### SPECIFICATIONS

|   |  |
|---|--|
| Maximum/Minimum Gas Rate (Input BTU's)            | 199,000 BTU's/15,000 BTU's                                       |
| Energy Factor (EF)                                | Natural Gas: 0.82 Propane: 0.84                                  |
| Hot Water Capacity Range                          | 0.6 to 8.5 GPM   |
| Maximum Hot Water Capacity (35°F Rise)            | 8.5 GPM (510 GPH)  |
| Maximum Hot Water Capacity (77°F Rise)            | 4.3 GPM (258 GPH)  |
| Maximum Hot Water Capacity (90°F Rise)            | 3.7 GPM (222 GPH)  |
| NO <sub>x</sub> Emissions (At 3% O <sub>2</sub> ) | Less Than 40 Ng/J  |
| Setpoint Temperature (Without Remote)             | Factory Setting - 120° F   |
| Temperature Range With Remote Key Pads Connected  | MC Controller: 96° -140° F<br>BC and BSC Controller: 96° -120° F |

# MODEL 2532FFU

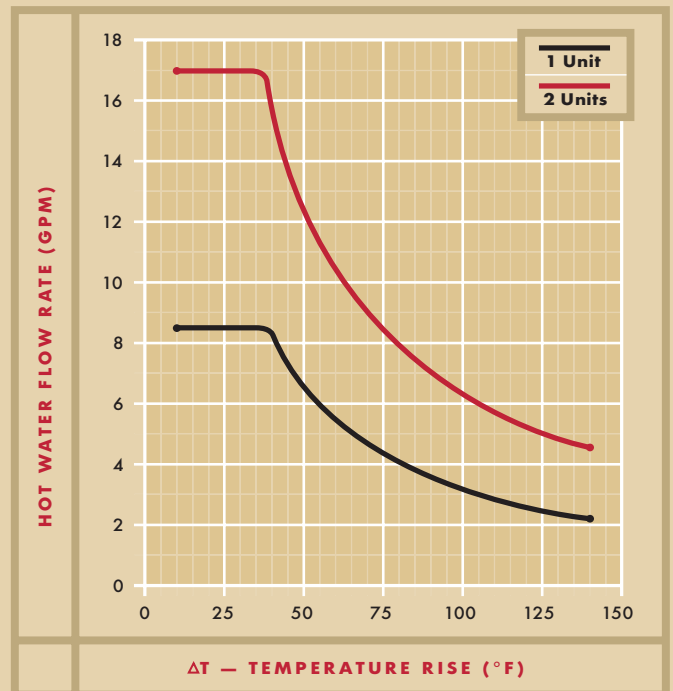
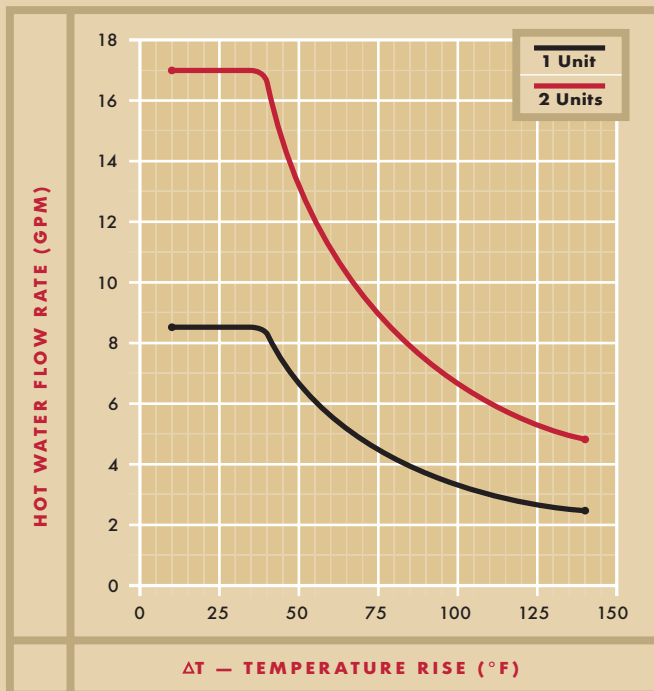
## Internal Residential

### SPECIFICATIONS

|   |  |
|---|--|
| Maximum/Minimum Gas Rate (Input BTU's)            | 180,000 BTU's/15,000 BTU's                                       |
| Energy Factor (EF)                                | Natural Gas: 0.82 Propane: 0.87                                  |
| Hot Water Capacity Range                          | 0.6 to 8.5 GPM   |
| Maximum Hot Water Capacity (35°F Rise)            | 8.5 GPM (510 GPH)  |
| Maximum Hot Water Capacity (77°F Rise)            | 4.1 GPM (246 GPH)  |
| Maximum Hot Water Capacity (90°F Rise)            | 3.5 GPM (210 GPH)  |
| NO <sub>x</sub> Emissions (At 3% O <sub>2</sub> ) | Less Than 40 Ng/J  |
| Setpoint Temperature (Without Remote)             | Factory Setting - 120° F   |
| Temperature Range With Remote Key Pads Connected  | MC Controller: 96° -140° F<br>BC and BSC Controller: 96° -120° F |

| Temperature Rise (°F) | Rinnai 2532W Water Heaters - Manifold Installations |            |             |             |
|-----------------------|---|------------|-------------|-------------|
|                       | 1 Unit GPM  | 1 Unit GPH | 2 Units GPM | 2 Units GPH |
| 140                   | 2.4   | 143.3      | 4.8         | 286.6       |
| 135                   | 2.5   | 148.6      | 5.0         | 297.2       |
| 130                   | 2.6   | 154.3      | 5.1         | 308.6       |
| 125                   | 2.7   | 160.5      | 5.3         | 320.9       |
| 120                   | 2.8   | 167.2      | 5.6         | 334.3       |
| 115                   | 2.9   | 174.4      | 5.8         | 348.9       |
| 110                   | 3.0   | 182.4      | 6.1         | 364.7       |
| 105                   | 3.2   | 191.0      | 6.4         | 382.1       |
| 100                   | 3.3   | 200.6      | 6.7         | 401.2       |
| 95                    | 3.5   | 211.1      | 7.0         | 422.3       |
| 90                    | 3.7   | 222.9      | 7.4         | 445.8       |
| 85                    | 3.9   | 236.0      | 7.9         | 472.0       |
| 80                    | 4.2   | 250.7      | 8.4         | 501.5       |
| 75                    | 4.5   | 267.5      | 8.9         | 534.9       |
| 70                    | 4.8   | 286.6      | 9.6         | 573.1       |
| 65                    | 5.1   | 308.6      | 10.3        | 617.2       |
| 60                    | 5.6   | 334.3      | 11.1        | 668.6       |
| 55                    | 6.1   | 364.7      | 12.2        | 729.4       |
| 50                    | 6.7   | 401.2      | 13.4        | 802.4       |
| 45                    | 7.4   | 445.8      | 14.9        | 891.5       |
| 40                    | 8.4   | 501.5      | 16.7        | 1003.0      |
| 35                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 30                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 25                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 20                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 15                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 10                    | 8.5   | 510.0      | 17.0        | 1020.0      |

| Temperature Rise (°F) | Rinnai 2532FFU Water Heaters - Manifold Installations |            |             |             |
|-----------------------|---|------------|-------------|-------------|
|                       | 1 Unit GPM  | 1 Unit GPH | 2 Units GPM | 2 Units GPH |
| 140                   | 2.2   | 134.2      | 4.5         | 268.5       |
| 135                   | 2.3   | 139.2      | 4.6         | 278.4       |
| 130                   | 2.4   | 144.6      | 4.8         | 289.1       |
| 125                   | 2.5   | 150.3      | 5.0         | 300.7       |
| 120                   | 2.6   | 156.6      | 5.2         | 313.2       |
| 115                   | 2.7   | 163.4      | 5.4         | 326.8       |
| 110                   | 2.8   | 170.8      | 5.7         | 341.7       |
| 105                   | 3.0   | 179.0      | 6.0         | 357.9       |
| 100                   | 3.1   | 187.9      | 6.3         | 375.8       |
| 95                    | 3.3   | 197.8      | 6.6         | 395.6       |
| 90                    | 3.5   | 208.8      | 7.0         | 417.6       |
| 85                    | 3.7   | 221.1      | 7.4         | 442.2       |
| 80                    | 3.9   | 234.9      | 7.8         | 469.8       |
| 75                    | 4.2   | 250.6      | 8.4         | 501.5       |
| 70                    | 4.5   | 268.5      | 8.9         | 536.9       |
| 65                    | 4.8   | 289.1      | 9.6         | 578.2       |
| 60                    | 5.2   | 313.2      | 10.4        | 626.4       |
| 55                    | 5.7   | 341.7      | 11.4        | 683.3       |
| 50                    | 6.3   | 375.8      | 12.5        | 751.7       |
| 45                    | 7.0   | 417.6      | 13.9        | 835.2       |
| 40                    | 7.8   | 469.8      | 15.7        | 939.6       |
| 35                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 30                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 25                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 20                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 15                    | 8.5   | 510.0      | 17.0        | 1020.0      |
| 10                    | 8.5   | 510.0      | 17.0        | 1020.0      |



Specifications are subject to change without notice. Numbers reflected are based on propane fuel. Natural gas models have slightly lower results due to lower heating value of natural gas.