



## ***WHE SERIES***

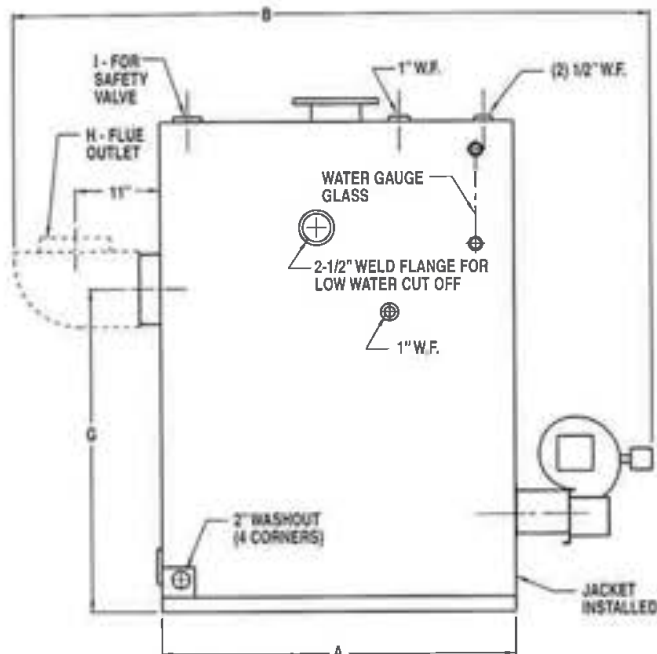


### **WHE FEATURES**

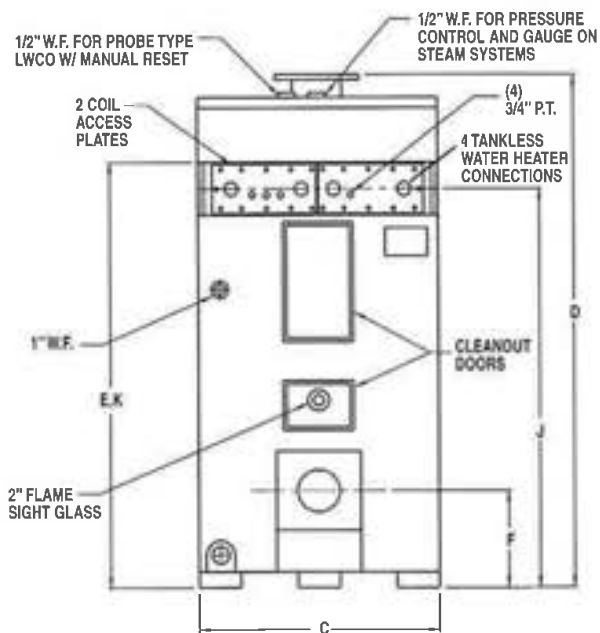
- Tankless indirect water heaters.
- Gas or oil fired.
- Continuous draw outputs.
- 170 to 2460 gallons of water per hour at 100°F rise.



# SPECIFICATIONS & DATA



LEFT SIDE VIEW



FRONT VIEW

| MODEL NO. | WHE<br>170 | WHE<br>240 | WHE<br>300 | WHE<br>390 | WHE<br>475 | WHE<br>610 | WHE<br>780 | WHE<br>1200 | WHE<br>1510 | WHE<br>1810 | WHE<br>2460 |
|-----------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|
|-----------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|

## RATINGS

|                                |      |      |      |      |      |      |      |      |       |       |       |
|--------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Input --Gals. per hour         | 1.40 | 2.00 | 2.40 | 3.00 | 4.00 | 5.00 | 6.00 | 9.00 | 12.00 | 14.00 | 18.00 |
| Input -- MBTU per Hr.          | 196  | 280  | 336  | 420  | 560  | 700  | 840  | 1260 | 1680  | 1960  | 2520  |
| Gross Output                   | 157  | 224  | 269  | 336  | 448  | 560  | 680  | 1014 | 1357  | 1568  | 2054  |
| Horsepower                     | 4    | 6    | 8    | 10   | 13   | 16   | 20   | 30   | 40    | 47    | 60    |
| <b>Continuous Draw Outputs</b> |      |      |      |      |      |      |      |      |       |       |       |
| Gals. per minute 80°F Rise*    | 3.50 | 5.00 | 6.25 | 8.20 | 9.9  | 12.6 | 16   | 25   | 31    | 38    | 51    |
| Gals. per minute 100°F Rise**  | 2.80 | 4.00 | 5.00 | 6.50 | 7.9  | 10.1 | 13   | 20   | 25    | 30    | 41    |
| Gals. per Hr.*                 | 210  | 300  | 375  | 490  | 595  | 750  | 975  | 1500 | 1890  | 2280  | 3060  |
| Gals. per Hr.**                | 170  | 240  | 300  | 390  | 475  | 610  | 780  | 1200 | 1510  | 1810  | 2460  |

## HEATER DIMENSIONS

|                                                 |                   |                   |                   |                   |                    |                    |                    |                    |                    |                    |                    |
|-------------------------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| A Base Length                                   | 22"               | 25"               | 27"               | 31"               | 31"                | 35"                | 39"                | 43"                | 51"                | 55"                | 63"                |
| B Length w/Smoke Hood & Burner <sup>(1)</sup>   | 33"               | 36"               | 38"               | 45"               | 48"                | 53"                | 60"                | 68"                | 76"                | 84"                | 95"                |
| C Boiler Width                                  | 19"               | 19"               | 26"               | 26"               | 30"                | 30"                | 32"                | 34"                | 34"                | 34"                | 40"                |
| D Height Overall                                | 45"               | 49"               | 53"               | 57"               | 57"                | 60"                | 64"                | 68"                | 74"                | 74"                | 75"                |
| E Min. Safe Water Level                         | 38"               | 43"               | 48"               | 51"               | 48"                | 49"                | 49"                | 49"                | 55"                | 55"                | 55"                |
| F Burner Opening to Floor                       | 8"                | 8"                | 9"                | 9"                | 11"                | 10"                | 12"                | 12"                | 14"                | 14"                | 14"                |
| G Flue Outlet to Floor                          | 32"               | 37"               | 40"               | 44"               | 42"                | 43"                | 42"                | 41"                | 47"                | 47"                | 47"                |
| H Flue Outlet <sup>(2 &amp; 3 - see note)</sup> | 8" <sup>(3)</sup> | 8" <sup>(3)</sup> | 9" <sup>(3)</sup> | 9" <sup>(3)</sup> | 10" <sup>(3)</sup> | 10" <sup>(3)</sup> | 10" <sup>(2)</sup> | 10" <sup>(2)</sup> | 12" <sup>(2)</sup> | 12" <sup>(2)</sup> | 12" <sup>(2)</sup> |
| I Safety Valve Opening                          | 3/4"              | 3/4"              | 3/4"              | 1"                | 1-1/4"             | 1-1/4"             | 1-1/4"             | 1-1/4"             | 1-1/2"             | 1-1/2"             | 2"                 |
| J Coil Connections to Floor                     | 39"               | 43"               | 47"               | 51"               | 50"                | 51"                | 51"                | 51"                | 57"                | 57"                | 57"                |
| K Recommended Operating Water Level             | 41"               | 45"               | 49"               | 52"               | 52"                | 55"                | 57"                | 57"                | 63"                | 63"                | 63"                |

## MISCELLANEOUS DIMENSIONS

|                                   |        |        |        |        |        |        |        |      |      |      |        |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|------|------|------|--------|
| Approximate Shipping Weight       | 650    | 770    | 1080   | 1260   | 1500   | 1900   | 2100   | 2450 | 2800 | 3000 | 3850   |
| Water Capacity -- Gals.           | 24     | 31     | 43     | 55     | 80     | 90     | 133    | 154  | 193  | 214  | 287    |
| Tankless Water Heater Size No.    | N6     | #3     | N1     | N7     | N1     | N1     | N2     | N3   | N4   | N4   | N5     |
| Tankless Water Heater Connections | 1"     | 1"     | 1"     | 1"     | 1"     | 1"     | 1"     | 1"   | 1"   | 1"   | 1"     |
| No. of Tankless Water Heaters     | 1      | 1      | 1      | 1      | 2      | 2      | 2      | 2    | 2    | 2    | 2      |
| Header/Mixing Valve Size          | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/4" | 1-1/2" | 1-1/2" | 2"   | 2"   | 2"   | 2-1/2" |

NOTES: (1) - Standard Oil Burner. (2) Stack need only be vented with CWH-780 through CWH-2460.  
(3) CWH-170 through CWH-610 - chimney required, not pressure fired.



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