



# WEIL-McLAIN

# 88c Boiler

## Addendum C.S.A. Ratings & Burner Information

### KEEP THIS ADDENDUM WITH BOILER MANUAL

Replace the corresponding ratings on page 35 of the 88 Series 2 Boiler Manual with the following table: (H.P., Volume's, Pressures & Water content are unchanged).



## DOE

| 88c Boiler – C.S.A. Ratings |                     |         |                     |                    |  |                              |      |                                  |         |           |
|-----------------------------|---------------------|---------|---------------------|--------------------|--|------------------------------|------|----------------------------------|---------|-----------|
| Boiler model number         | C.S.A. Burner Input |         | C.S.A. Gross Output | C.S.A. Net Ratings | Chimney or Vent Diameter Size in Inches. | C.S.A. Combustion Efficiency |      | Burners used<br>Riello Model No. |         |           |
|                             | Oil GPH             | Gas MBH | MBH                 | Water MBH          |  | Oil                          | Gas  | Oil                              | Gas     | Dual Fuel |
| Notes: 1                    | 2                   | 3, 4    | 5                   | 6                  |  |                              |      |                                  |         |           |
| 488c                        | 7.00                | 1010    | 868                 | 755                | 10                                       | 88.6                         | 85.9 | F20, RL28/2, RL28/M              | RS28/M  | RLS28     |
| 588c                        | 9.40                | 1357    | 1166                | 1014               | 10                                       | 88.6                         | 85.9 | RL38/2 & RL38/M                  | RS38/M  | RLS38     |
| 688c                        | 11.80               | 1703    | 1463                | 1272               | 10                                       | 88.6                         | 85.9 | RL38/2 & RL38/M                  | RS38/M  | RLS38     |
| 788c                        | 14.20               | 2049    | 1760                | 1530               | 12                                       | 88.6                         | 85.9 | RL50/2 & RL50/M                  | RS50/M  | RLS50     |
| 888c                        | 16.60               | 2396    | 2058                | 1790               | 12                                       | 88.6                         | 85.9 | RL50/2 & RL50/M                  | RS70/M  | RLS70     |
| 988c                        | 18.80               | 2713    | 2330                | 2026               | 14                                       | 88.6                         | 85.9 | RL70/2 & RL70/M                  | RS70/M  | RLS70     |
| 1088c                       | 21.50               | 3103    | 2665                | 2317               | 14                                       | 88.6                         | 85.9 | RL100/2 & RL100/M                | RS100/M | RLS70     |
| 1188c                       | 23.50               | 3392    | 2914                | 2534               | 14                                       | 88.6                         | 85.9 | RL100/2 & RL100/M                | RS100/M | RLS100    |
| 1288c                       | 26.00               | 3753    | 3224                | 2803               | 14                                       | 88.6                         | 85.9 | RL100/2 & RL100/M                | RS100/M | RLS100    |
| 1388c                       | 28.50               | 4113    | 3533                | 3072               | 14                                       | 88.6                         | 85.9 | RL100/2 & RL100/M                | RS100/M | RLS100    |
| 1488c                       | 31.00               | 4474    | 3843                | 3342               | 16                                       | 88.6                         | 85.9 | RL100/2 & RL100/M                | RS100/M | RLS100    |
| 1588c                       | 33.00               | 4763    | 4091                | 3557               | 16                                       | 88.6                         | 85.9 | RL130/2 & RL130/M                | RS130/M | RLS130    |
| 1688c                       | 35.50               | 5124    | 4402                | 3828               | 16                                       | 88.6                         | 85.9 | RL130/2 & RL130/M                | RS130/M | RLS130    |
| 1788c                       | 38.00               | 5485    | 4712                | 4097               | 18                                       | 88.6                         | 85.9 | RL130/2 & RL130/M                | RS190/M | N/A       |
| 1888c                       | 40.50               | 5845    | 5021                | 4366               | 18                                       | 88.6                         | 85.9 | RL130/2 & RL130/M                | RS190/M | N/A       |

# Input, Output, and Combustion Efficiency are Certified to Efficiency Test Procedures Specified in ANSI Z21.13

### Notes:

1. Burner input based on maximum of 2,000 feet altitude. For higher altitudes consult local Weil-McLain representative.
2. No. 2 fuel oil Commercial Standard Spec. CS75-56. Heat value of oil 140,000 Btu/Gal.
3. Consult Weil-McLain Burner Specifications and Data Sheet for gas pressures required.
4. MBH refers to thousands of Btu per hour.
5. Gross C.S.A. ratings have been determined under the C.S.A. provision forced draft boiler-burner units.
6. Net C.S.A. ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup.  
Water ratings are based on a piping and pickup allowance of 1.15.  
An additional allowance should be made for gravity hot water systems or for unusual piping and pickup loads.  
Consult local Weil-McLain representative.

### NOTICE

Boiler sections are tested for 80 PSIG working pressure.  
Water boilers are supplied with 30 PSIG relief valve standard.

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