

TO: All Weil-McLain Distributors and Agents

FROM: Mike Boyd – Product Marketing Manager

SUBJECT: **UPDATE - AHRI Mandatory Rerate of Industry's Modulating Condensing Residential Boilers**

Last November, the Air-conditioning, Heating, and Refrigeration Institute (AHRI) informed the industry of a required rating listing change in regards to the Department of Energy's (DOE) Annual Fuel Utilization Efficiency (AFUE) calculation for modulating condensing boilers under 300 MBH input. This required immediate action by all manufacturers of these boilers.

During the transition period in November and until the new ratings were published, all affected boilers were required to have their AFUE ratings either reduced to 90.0% or dropped completely. This also affected the efficiency listings in the AHRI directory.

Weil-McLain completed the required retesting of the Ultra Gas and WM97+ residential boilers. The new ratings are now listed in the AHRI directory, and are shown below.

| Original Boiler Model | Original Part Numbers | New Boiler Model | New Part Numbers | New AFUE % | Same Great Trade Price |
|-----------------------|-----------------------|------------------|------------------|------------|------------------------|
| Ultra 80 UE | 383-500-700 | Ultra 80 CT | 383-500-720 | 93.5 | \$ 4,430 |
| Ultra 80 LP UE | 383-500-701 | Ultra 80 LP CT | 383-500-721 | 93.5 | \$ 4,430 |
| Ultra 105 UE | 383-500-702 | Ultra 105 CT | 383-500-722 | 94.0 | \$ 4,909 |
| Ultra 155 UE | 383-500-703 | Ultra 155 CT | 383-500-723 | 94.0 | \$ 5,507 |
| Ultra 230 UE | 383-500-704 | Ultra 230 CT | 383-500-724 | 94.1 | \$ 6,229 |
| Ultra 299 UE | 383-500-705 | Ultra 299 CT | 383-500-725 | 92.5 | \$ 8,625 |
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| WM97+ 70 | 383-700-000 | WM97+ 70 CT | 383-700-003 | 95.2 | \$ 3,920 |
| WM97+ 110 | 383-700-001 | WM97+ 110 CT | 383-700-004 | 95.0 | \$ 4,295 |
| WM97+ 155 | 383-700-002 | WM97+ 155 CT | 383-700-005 | 95.1 | \$ 5,025 |

| Original Boiler Model | Original Part Number | New Boiler Model | New Part Number | Same Efficiency % | Same Great Trade Price |
|--|----------------------|------------------|-----------------|-------------------|------------------------|
| Ultra 399 UE | 383-500-706 | Ultra 399 CT | 383-500-726 | 91.7* | \$ 9,730 |
| *Units over 300MBH input are rated using steady state combustion and thermal efficiencies rather than AFUE | | | | | |

Although the AFUE ratings are now lower, this is attributed to the new standard calculation that is used by all manufacturers. The construction and design of these boilers have not changed and can operate the same as the previous models. We have also taken this opportunity to ship them from the factory preconfigured at the highest turndown ratio.

Please note that these products will have a new model number extension (CT) and new boiler part numbers, which are listed above. We will ship our remaining stock of boilers, and then fill remaining orders using the new part numbers as the units become available.

We are now accepting orders for the new sales "CT" brochures, through our literature department.