



PARKER BOILER CO.

MANUFACTURER OF QUALITY INDUSTRIAL BOILERS SINCE 1946
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STEAM BOILER WATER TREATMENT LEVELS

NOTES: For purposes here, reverse osmosis water is acceptable as soft water.
Level 4 is minimum level for proper boiler care and warranty consideration.

LEVEL 6

Soft water, regular hardness testing -
Separate chemical tanks for sulfite, inhibitors, amine -
Fed separately by chemical feed pumps based on boiler feed or by timer(s) -
By water treatment service company with regular analyses / recommendations

LEVEL 5

Soft water, regular hardness testing -
Blended treatment (sulfite, inhibitors, amine) fed by chemical pump -
based on boiler feed -
By water treatment service company with regular analyses / recommendations

LEVEL 4

Soft water, with frequent water hardness testing -
Blended water treatment - fed by chemical feed pump based on boiler feed
(or by timer) -
Purchased from non-servicing / 3rd party supplier - with monthly water analyses -
(Same as level 3 except daily water hardness testing and monthly water analyses).

(LEVELS 3 AND LOWER ARE NOT RECOGNIZED AS PROPER PROGRAMS)

LEVEL 3

Soft water, with no / infrequent hardness testing -
Blended water treatment - fed by chemical feed pump based on boiler feed
(or by timer) -
Purchased from non-servicing 3rd party supplier; no / infrequent water analyses -

LEVEL 2

Soft water with no / infrequent hardness testing -
Blended water treatment, Batch-fed (includes manually operated "push-pump") -
Purchased from non-servicing / 3rd party supplier; no / infrequent water analyses -

LEVEL 1

Soft water - with no water treatment
or
Water treatment - with no soft water

LEVEL 0

No soft water, no treatment (includes use of any magnetic, catalyst or other in-line
device which is claimed to replace soft water & water treatment) -