

How to improve Condensing boilers longevity In High TDS waters.

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$$4 * 90 \text{ kw} = 360 \text{ kw}$$



**Using electro magnetic
Anti-scaling.**





**Using reverse osmosis
water filtering.**

For filling

Using air separator in inlet.

for boiler higher than the
system.



**Selecting water
filter 1 size bigger
than the inlet size.**

2 ½" instead of 1 ½"

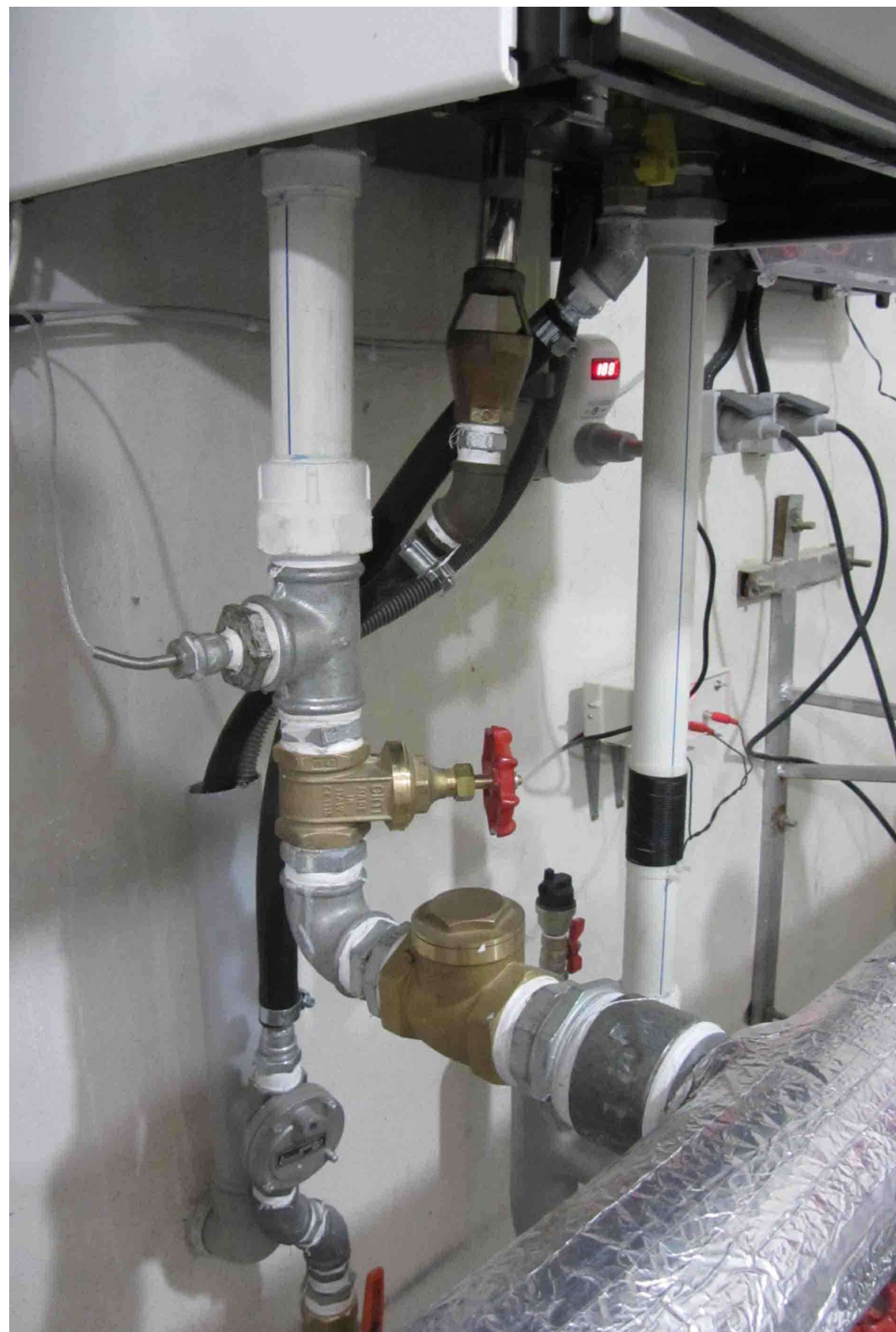
**Having 2 valve
before and after
brass filter.**

Save water in cleaning



**Using one-way valve
gate (unsprung) in
out let.**

Easy circulation.



Using drain valve for expansion tanks.

for emergency time.

Save water in repairing.



Using upper drain in hydro separator.

for boiler higher than the system.



**Using sensitive
electronic thermometer
in outlet.**

**for emergency time.
In the case of low circulation.**



**Using one set point Temperature , for all cascade boilers.
no long time pressure in the case of low power demand.**



**Extra space
for better air in let.**



Using Room thermostat.





Thank You for your patience

The End