

Catalytic Salt Free Scale Control Media - Side by Side Comparison and Field Test Results

On January 18, 2008 two identical test stations were set up side-by-side using San Antonio city supplied water with 20 grains per gallon of hardness as the feed water supply.

Installed in each test station was a new electric hot water heating element. One test station had the Catalytic Salt Free Scale Control Media installed on the raw water supply and the other was simply raw San Antonio city water with no pretreatment.

Continuous flow through of approximately one gal/min was initiated in both test stations and both heating elements were set at 120° F.



This first phase of the test was allowed to run continuously for two weeks.

To the right is a picture of the test station using the Catalytic Salt Free Scale Control Media as pretreatment after two weeks of continuous water flow through.

Notice that even with 20 grains per gallon of hardness and continuous operation at 120° F, the heating element has no scale deposition.



Catalytic Salt Free Scale Control Media - Side by Side Comparison and Field Test Results

To the right is a picture of the test station with raw untreated San Antonio city water after two weeks of continuous water flow through.

Notice the severe scaling effect.



This concluded Phase I of this test.

Field Study Phase II - DESCALING

The raw water supply of the severely scaled untreated unit was treated with the Catalytic Salt Free Scale Control Media. The picture to the right depicts considerable removal of the previously deposited scale formation after only three weeks.

Notice the large scale flakes on the bottom of the test vessel.

Conclusion

Side-by-side comparison tests conclusively proves that pretreatment with the Catalytic Salt Free Scale Control Media **prevented hardness scale formation, even on heated water and also dissolved existing scale deposits on the heating element.**

