



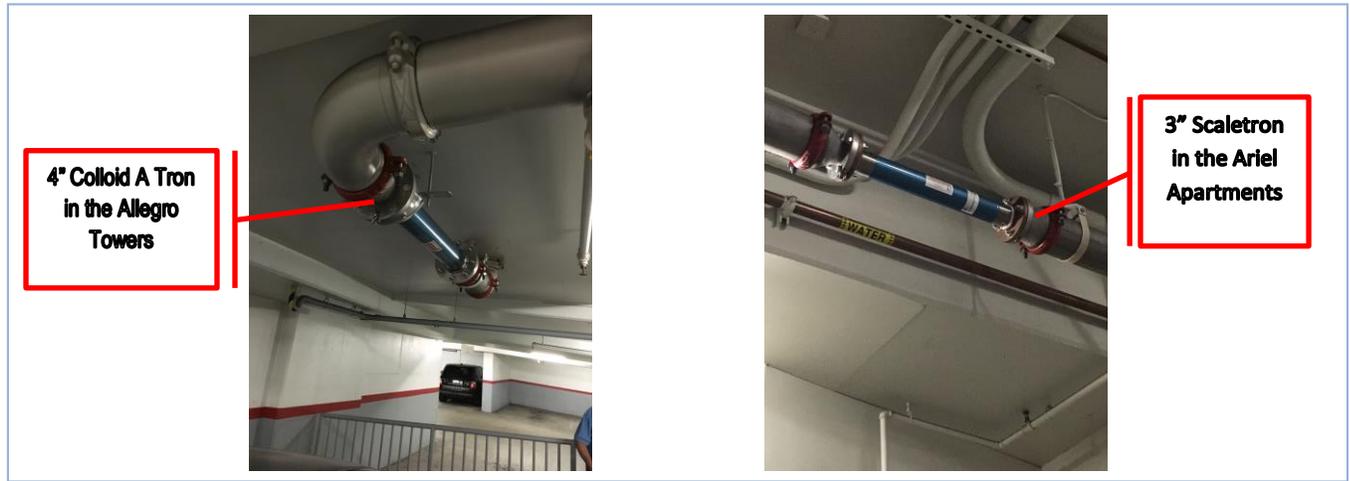
Allegro Towers

Case Study: High-Rise Apartments

Customer: Allegro Towers & Ariel Luxury Apartments San Diego

Category: Commercial Real Estate

Application: Whole Building Treatment



The Challenge: The Allegro Towers and Ariel luxury apartments are located in the Little Italy area of Downtown San Diego, CA. These properties are across the street from one another and share the same owner.

- Allegro: 210 units in the on 29 floors
- Ariel: 224 units on 25 floors

San Diego city water averages hardness of around 15 grains per gallon (GPG). This categorizes it as “extremely hard” by the US national standards. At this level of hardness, residents would be experiencing lots of scale buildup on faucets and fixtures and since each unit has its own water heater, over 400 water heaters would have a significantly shorter life-span. This combination of issues is certainly not good for luxury apartments where clients are expecting the best.

- The Solutions:**
- Allegro: A 4” Fluid Dynamics Colloid A Tron was installed on the main water supply line
 - Ariel: One 3” Fluid Dynamics Scaleton unit was installed on the main water supply line

Results: The Allegro Towers was the first of the two properties to have Fluid Dynamics installed. Resident feedback was overwhelmingly positive. So much so that the owners contracted the install for the Ariel, displacing another “tank style” water treatment system that is now sitting dormant in by-pass mode. These properties will enjoy maintenance-free scale protection for over 10 years from the two units. The owner was so impressed that he ordered a Fluid Dynamics Housetron unit for his own home, which is the subject of a separate case study.



Ariel

