



Design Collaboration

THE TEAL SYSTEM



The Teal System is an innovative and reliable vertical hot water management program. It was developed in 2004 for the multifamily industry.

The Teal System includes 7 elements:

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|------------------------------|-----------------------------------|--------------------------------|---|
| 1 Design
Collaboration | 3 Leasing and
Property Support | 5 Digital System
Monitoring | 7 A Water Heater
in the Cloud
Equipment Package |
| 2 Construction
Management | 4 100%
Maintenance | 6 Energy
Management | |

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Overview

Teal's objective in the Design Collaboration process is to provide information that will aid the architect and engineering team in the creation of complete construction documents as it relates to the hot water system. Teal will provide, own, and manage the Teal System equipment under a long term agreement with the property owner and will work as part of the design team to deliver a high quality long term hot water solution for the project.

Teal's process is best described as "Recommend, Review & Report" which is more fully explained in the subsequent sections. Teal will provide CAD or

REVIT details which will include general installation information, define the scope of work, and illustrate hot water distribution piping concepts. The design team is encouraged to incorporate any of the Teal drawings into their work product which will enhance the construction documents for the project.

The details, drawings, and recommendations provided by Teal are not developed by professional engineers and are not to be included in construction documents until they have been reviewed and sealed by the professional engineer providing MEP consulting to the architect and owner of a project.



Recommend, Review & Report

Recommend

The Teal process begins with our team developing a set of early conceptual drawings. These preliminary recommendations include equipment sizes, customized Teal room layout, potential room location, and a hot water distribution piping concept. Preliminary designs are provided in PDF, CAD, or Revit formats. As the project design process continues, our team will provide working drawings, continuing to refine the details to fit the client's overall objective.

Review

Teamwork and communication are key components throughout the design process. We ask our clients to include the Teal Design Team in the distribution of each plan update and/or revision (design@tealsystem.com). We will review each release from design development to permit to construction.

We will apply the Teal Quality Process as we review each plan set to help insure that the project's bid and construction documents are complete with regard to the hot water system.

Report

After every review, our team will offer additional recommendations as needed to assure that the customized hot water system caters to the needs of each project.





Collaboration

At Teal, we understand that the project's architect or MEP may have different methods to accomplish the same goal and we believe that collaboration is essential in developing a quality hot water design. At the end of the day, we respect the fact that the professional engineer has the final say in the complete sealed plans. Our role is to support the project's team members through the Teal Recommend, Review, and Report process.

Teal Water Heater Selection and Sizing

Teal's water heater sizing for domestic water systems is based on historical data collected from our Teal System Monitoring. Through our agreement with the owner, we are contractually obligated to provide equipment that will offer adequate potable hot water to the project. If the water heaters, tanks or pumps that we select are not adequately sized, Teal is solely responsible. We will then be obligated to replace the equipment in order to correct the problem.

