



Date: August 29, 2023
To: City of Houston HPW-HPC
Attention: CCM
From: Jensen Hughes
Subject: WQA – Water Filtration System Amendment

This technical memo is provided to describe the new changes to the Houston Construction Codes with regards to the adopted amendment for water filtration systems. The new changes allow for water filtration systems to be installed in residential homes without the requirement of a backflow prevention system. The new amendment, however, does still require backflow prevention in commercial applications.

The new amendment reads as follows:

2021 Houston Plumbing Code

603.5.18.2 Water Treatment Units. Reverse osmosis drinking water treatment units shall meet the requirements of the appropriate standards referenced in Table 1701.1. Waste or discharge from reverse osmosis or other types of water treatment units shall enter the drainage system through an airgap. Water supply for commercial water softeners must be protected by a double check valve assembly.

memo.