

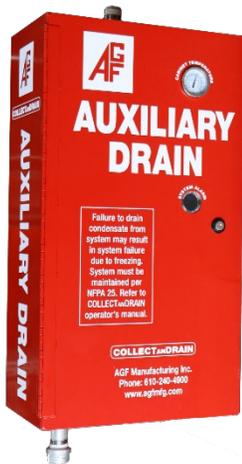
SELF STORAGE FROZEN AUXILIARY DRAINS

CUSTOMER

U-Haul Moving & Storage of Hanover, Massachusetts is a full-service facility that in addition to truck rentals offers secure 24-hour accessible self-storage.

AGF PRODUCT

COLLECTANDRAIN Model 5400



Featured Contractor

Rustic Fire Protection
Norton, MA
rusticfireprotection.com

CHALLENGE

The U-Haul storage facility consists of two, two-story, 55,000 square foot buildings with a mix of over 500 storage units ranging in size from 5' x 5' to 10' x 30'. Each floor of each building has a separate dry system and during the previous winter those four systems accounted for 80 frozen pipe related problems. The ground level of the builds house larger drive up outside accessed storage units and since every square foot of space represents revenue. The auxiliary drains on this level were originally located inside some of the storage units greatly complicating access for regular maintenance and servicing.

SOLUTION

Rustic Fire Protection's solution to the auxiliary drain problems was the installation of Model 5400A COLLECTANDRAINS from AGF Manufacturing. The Model 5400A is designed to provide a temperature-controlled environment for an individual auxiliary drain to prevent costly system failures due to freezing. Each insulated and heated cabinet contains a traditionally configured drum drip with a float switch to monitor accumulating condensation levels and then provides notification when that auxiliary drain requires attention. The 7 units needed for the upper levels of the two builds are standard off the shelf Model 5400A COLLECTANDRAINS, but for the 11 units needed for the ground level Rustic Fire wanted to address the accessibility problems. The solution was to have the vertical drain piping, currently terminating into an auxiliary drain inside the storage unit, come through the outside wall of the building and terminate into a Model 5400A. For this solution to work Jason asked AGF if they could modify the steel cabinet to accommodate the drainpipe coming into the COLLECTANDRAIN through the back rather than through the top. The all weather cover was then installed to shed rain and snow from the unit.



