

# Carrier 23XL Chiller Modernization Case Study



Mechanical Systems Services

## Facility:

Westminster Woods on Julington Creek Retirement Community

## Upgrade Requirements:

Chiller Controls Risk Reduction  
Modernization of two 15 year old chillers

## Modernization Scope:

Extend the overall life expectancy and provide customer cost savings thru efficiency on two Chillers by rebuilding one compressor slide valve and replacing two obsolete Carrier PIC-1 control panels with MCS Control Panels

## Process Results

Scope included replacing all existing wiring, starter panel included. Install all new external sensors to replace existing obsolete sensors. Full touch screen display for the MCS controls which exceeds the prior OEM control panel in capability, saves the customer on utility costs thru efficiency, and will extend the useful life of the chillers by many more years.



Before



Before



During



After



After



Complete



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