



Senior Apartments, Richmond, VA

Summary: Four IW-25-1 dehumidifiers were installed on CMU walls in two unconditioned stairwells to remove moisture and control excessive humidity. Installation locations were selected adjacent to the first and third floors and units were installed using surface mount boxes. Prior to the installation, relative humidity (RH) inside the stairwells typically matched ambient conditions which occasionally reached as high as 85%RH. The project goal was to maintain RH below 60%RH in the stairwells.



On September 9, 2014 Innovative Dehumidifier Staff performed a courtesy site visit and recorded the following measurements:

<b>AMBIENT (Outside Conditions)</b>	<b>80.1 degrees</b>	<b>69.7 RH</b>
South Stairwell (first floor)	79.6 degrees	56.0 RH
South Stairwell (third floor)	82.1 degrees	57.9 RH
North Stairwell (first floor)	82.7 degrees	55.9 RH
North Stairwell (third floor)	84.7 degrees	57.4 RH

