



War Memorial Pool and Athletic Center Proves “ Bigger is Not Always Better”

The War Memorial Pool and Athletic Center located in Little Rock, Arkansas had a serious problem. The large swimming pool area had never been properly dehumidified since the building was built. Parts of the building were literally molding and rotting, and it was a very unhealthy environment.

BIGGER ISN'T BETTER

The two existing 20-Ton dehumidifiers were removed and replaced with two much smaller 7-Ton Hydro-Temp dehumidification systems. A conventional 10-Ton unit was added for cooling only.

HOW CAN 14 TONS REPLACE 40 TONS AND GIVE BETTER PERFORMANCE ???

The key is the design. Hydro-Temp has design built unique heating/cooling equipment for about 30 years. Hydro-Temp worked closely with Building Design Services and Johnson Controls in designing this very unique system. A unique, patented cooling coil manufactured by Nautica was selected for this extreme application.

FREE WATER HEATING !!!

The rejected heat (waste heat) from the dehumidification process was captured and used to provide most of the water heating for the large swimming pool, plus most of the hot water needs for the 2 large shower areas located in the Athletic Center. This was accomplished by utilization of Hydro-Temp's patented priority water heating system.

VERY QUICK PAYBACK

In a nutshell, 40-Tons of dehumidification was replaced with 14-Tons of Hydro-Temp dehumidification equipment. In addition to having proper humidity levels, most of the swimming pool and shower water is now heated free.



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