

Don't put up with humidity problems! The installation of Miami Heat Pump's water source heat pump with Aqua Dry System you can have a true climate control. With Miami Heat Pump's Aqua Dry System unit your normal air conditioning cycle converts, as required, to an air drying operation. By passing the hot gas discharge from the compressor through an air coil, this system will provide the ability to reheat the leaving air.



Your Miami Heat Pump unit with the Aqua Dry System will provide cooling, heating, and additional dehumidification. Without affecting the basic refrigeration system - No worries of liquid slugging due to damping of hot gas leaving the reheat coil.

This unit is ideal for any application where a high level of dehumidification is required. Typical applications are:

- ✓ Indoor Pool Areas
- ✓ Classrooms
- ✓ Computer Rooms
- ✓ Beach front Homes
- ✓ Spaces with high latent loads
- ✓ Most areas with Humidity problems

The amount of moisture removal capacity of a specific heat pump is determined by the unit latent capacity rating. A heat pumps latent capacity is the determining factor for removing humidity. An increase of latent removal is accomplished with a lower evaporator temperature. The fan motor will then slow down to accomplish this.

Water valve is modulated for customer's control with 2 to 10 input. Optional water regulating valves can be installed in the field for areas that may have colder waters. By controlling the water flow you are able to warm the leaving water and this is accomplished without affecting the refrigeration circuit and reheating the air for desired temperature.

