



Water Recirculation Systems (WRS) Facility Support System



Above ground Containerized Water Recirculation System

Dyne Systems' Water Recirculating/Cooling System is used with dynamometers, although they can also be used to conserve water with any heat-generating, water-cooled process equipment. Our engineers can easily accommodate your needs and ensure sufficient capacity is designed into your system. Dyne Systems offers solutions for multiple applications so whether you require a standard WRS system or a pre-packaged system, such as a Containerized Water System, we can provide the proper solution to fit your requirements.

A Standard WRS includes:

WRS Command and Control Center

The WRS command center contains the system controller, motor starters and accessory connections. The command center can be programmed for the desired system start-up temperatures, failure notification, emergency shutdown and many other convenient options to best suit your application.

Pumps and Motors

Dyne Systems will supply the best possible pumps for your application requirements. Pump styles include: centrifugal,

vertical turbine, and centrifugal self-priming. All pumps are sized specifically to the application, related cooling volume and pressure requirements for proper system operation.

Evaporative Cooling Tower, Chiller, Heat Exchanger or Radiator

The Evaporative Cooling Towers, Chillers, Heat Exchangers and Radiators provided are all designed for optimum heat transfer and efficiency. All components used are suitable for outdoor service and may be installed on an unobstructed rooftop or on ground level. Systems may also be designed for indoor installation.

Specifications, Installation Requirements, Piping Schematics

Dyne Systems provides specifications for each pump, motor and cooling device along with informational forms and installation information.

Everything you need to succeed

The customer supplies the following components* when purchasing a WRS from Dyne Systems:

- Remote sump or above ground tank (if not purchased separately from Dyne Systems)
- Common plumbing items (pipe, tile, fittings, gate valves and back flow preventer)
- Common electrical items such as wire
- Foundation for Evaporative Cooling Tower or other cooling device
- Deck plates/sump cover (when applicable)

*Items vary depending on the type of WRS purchased.



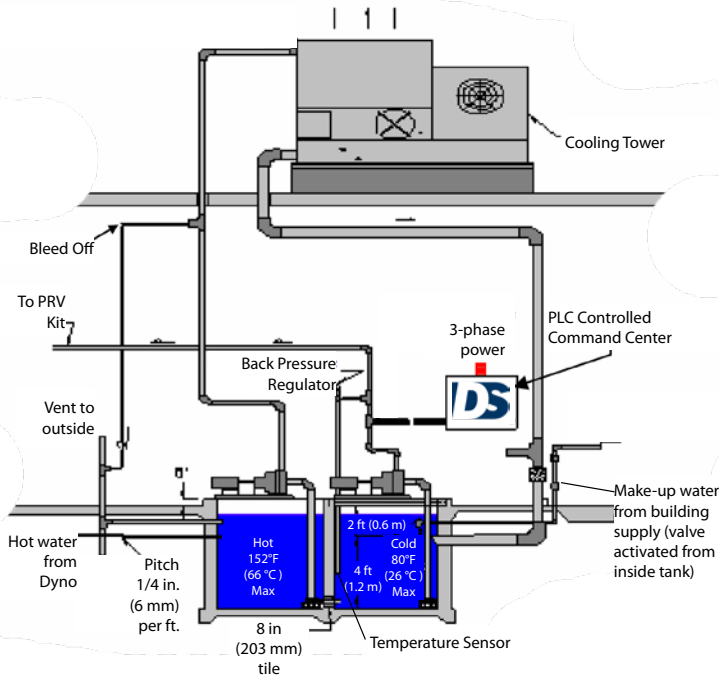
Above ground packaged WRS



Containerized WRS ready for shipment



WRS pumps



Example of below grade WRS



Cooling Towers for below grade system

Everything you need to succeed



Dyne Systems is a division of Taylor Dynamometer
 (414) 755-0040 www.dynesystems.com

DS8510v002