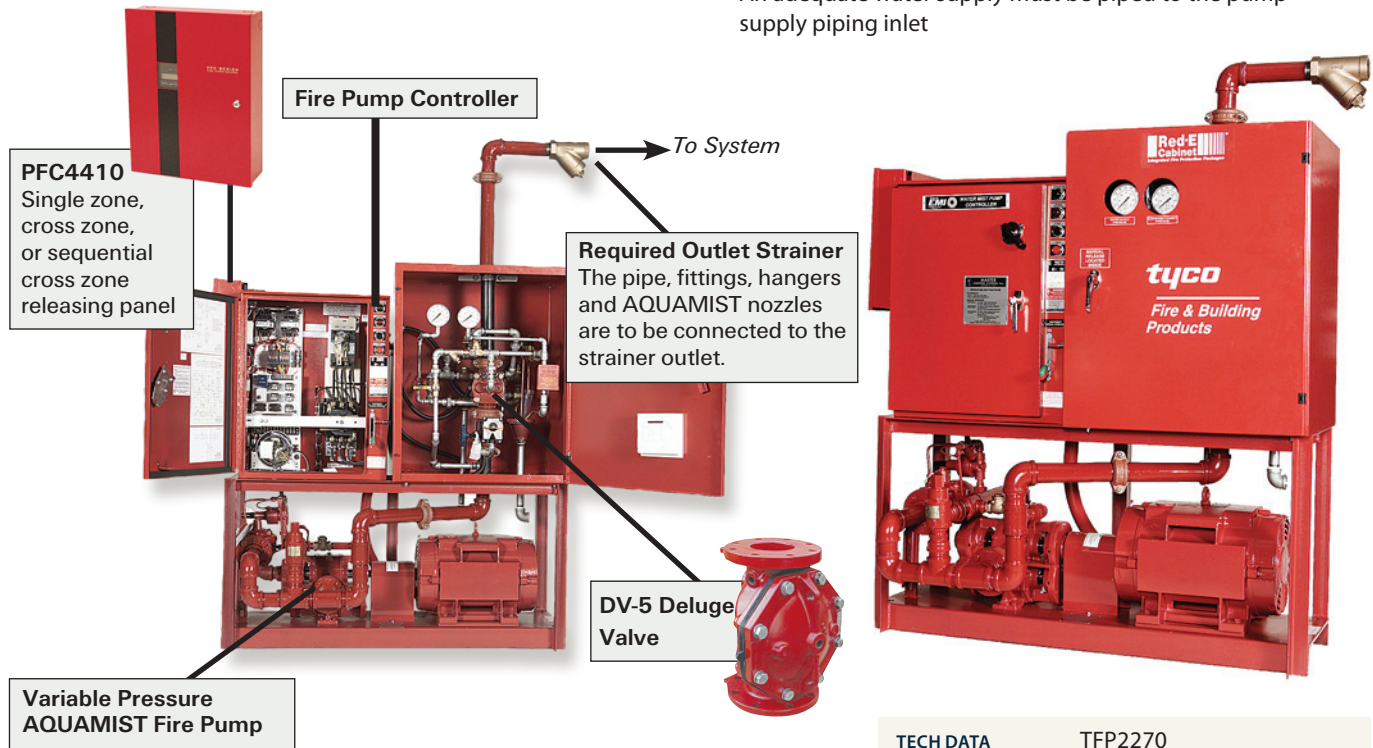


### "MCC" MIST CONTROL CENTER WITH RED-E CABINET®

#### Pre-Assembled Fire Pump, Controller, Deluge Valve Cabinet & Releasing Panel

The "MCC" Pump Skid Package is the self-contained control center of the AQUAMIST System. The compact skid unit has been professionally designed and assembled to ease system installation and to meet the most stringent project requirements.

- Power must be provided for the control cabinet and pump controller
- Detection circuits must be installed and wired to the control cabinet
- An adequate water supply must be piped to the pump supply piping inlet



TECH DATA TFP2270

### How the AQUAMIST System Works

**1**

- Evaporation (heat extraction) is a function of surface area of droplets
- Reducing droplet size increases surface area
- Increase in surface area allows for larger cooling effect for a given flow

**2**

- Water converts to vapor expanding by a factor of 1650 times
- Oxygen is displaced and diluted, thereby blocking it from the fuel source
- Higher heat level causes a faster vaporization

**3**

- Fire extinguishment is improved with direct contact of water droplets
- This type of extinguishment is normally associated with standard sprinklers
- Important part of operation if ventilation is a factor and Class A combustibles are present

**4**

- Small water droplets tend to remain suspended
- The expanding mist will expand and cool the gases and other fuels in the area
- Blocks the transfer of radiant heat to the adjacent combustibles and pre-wets them

Always refer to the product's Technical Data Sheet for a complete description of all Listing and Approval criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.