



WHY? No Fountains Over 300 Volts

Air-O-Lator has received many inquiries regarding the corporate decision to not offer 460 volt, 3 phase fountain equipment even though other manufacturers may.

This decision is based on Air-O-Lator Corporation's interpretation of the 2005 National Electric Code (NEC) article 680 "Swimming Pools, Fountains and Similar Installations" in particular 680.51 (B) which states the following...

Operating Voltage. "No Luminaries (lighting fixtures) shall be installed for operation on supply circuits over 150 volts between conductors."
"Submersible pumps and other submersible equipment shall operate at 300 volts or less between conductors."

Air-O-Lator wishes to apologize for any inconvenience the *Codes* may cause prospective customers, but Air-O-Lator feels that the NEC has reviewed these types of equipment closely and therefore support the NEC *Code*.

Additionally, Air-O-Lator encourages further investigation of the NEC, namely Article 682 of the NEC pertaining to "Natural and Artificially Made Bodies of Water."

682.1 Scope. "This article applies to the installation of electrical wiring for, and equipment in and adjacent to, natural or artificially made bodies of water not covered by other articles in this *Code*, such as but not limited to aeration ponds, fish ponds, storm retention basins, treatment ponds, irrigation (channel) facilities."