

# NEW *silver* CONTROLLER

*silver*  
**ICE**  
CONTROLLER

## Replacement Ballast for - BA-ICE-1F & BA-ICE-2F

The New Silver™ ICE controller you have just purchased is a replacement for the BA-ICE-1F and the BA-ICE-2F ballasts. This new controller has all of the existing features of the current ICE ballast (BA-ICE-1F & BA-ICE-2F) with the addition of these new features:

- 4 segment visual LED display
- visually displays LAMP LIFE REMAINING
- visually displays TOTAL CONTROLLER RUNNING TIME
- 100-240V./50-60Hz. universal power input
- active power factor correction
- new water-tight enclosure and connections
- CSA & CE certified product

### Resetting the controller:

#### **365** 1. Lamp life remaining (days):

The controller tracks the number of days of operation of the lamp and the controller. The default screen will display the total lamp life remaining (in days). The controller will count down the number of days remaining until the lamp requires changing (365 days to 1 day). At "0" days, the controller will display **A3** on the display and supply an intermittent audible chirp (1 second on, 5 seconds off), indicating the need to change the lamp.

**DEFERRAL** - Once the "A3" or end of lamp life message is shown on the LED screen, the audible alarm can be deferred up to 4 separate times. This can be done by simply depressing the push-button "RESET" switch, which is located on the left side of the controller. Each time the reset switch is pressed the controller alarm is deferred seven days. Once the final 7 day deferral has been reached the alarm can only be silenced by changing the UV lamp and manually resetting the controller timer. To do this please follow the step by step instructions below:

1. disconnect power supply from controller
2. remove expired lamp from the reactor chamber
3. install new UV lamp and connect it to lamp connector
4. replace lamp connector
5. hold down the "RESET" switch while reapplying power to the controller
6. 5 second delay will occur until you hear an audible tone & LED display will read **365** once again

Once you hear the tone, let go of the switch and the counter will be reset. The delay switch is designed to allow you time to address the alarm while you obtain a new UV lamp. Even though the alarm on the system can be deferred for a period of time, it is important to address each and every alarm condition as they are indicating that there is a potential problem with the system and should be remedied.

#### **1680** 2. Total hours of operation (days):

The controller also displays the total running time of the controller. To obtain this reading, press the push-button SWITCH once. The total running time of the controller will be numerically displayed in days. This information will remain displayed for ten seconds and will then revert back to the lamp life remaining default screen. It should be noted that this value cannot be reset.

#### **Blank** 3. Lamp failure (blank screen):

When the system recognizes LAMP FAILURE (no current running through the lamp), the 4-segment display will be blank (no default LAMP LIFE REMAINING screen) and the system will supply an intermittent audible tone (1 second on, 1 second off). The system will remain in this state, until this condition is remedied.

