

## ELECTRONIC RESIDENTIAL BALLAST

American Ballast presents a new line of residential electronic T5, T8 and T12 ballast with many of the same features as our commercial electronic ballast. Our new technology brings smaller and lighter ballast, which comply with FCC consumer regulations for residential applications. Our starting technology ignites the lamps flicker free. Our ballast features offer our consumer customers a wide range of benefits. We offer two, three and four

lamp F32T8 lamp applications. In addition, we also carry an under cabinet product family.

All ballast exceed the Class A sound rating, and operate down to 0°F (-18°C) starting temperature, suitable in most regions. Our products are designed for use in Energy Star® compliant fixtures and carry a three year warranty.

### KEY FEATURES

- Light-weight
- Environmentally friendly
- Meet Energy Star residential program requirements
- Remove mounting capability
- Instant-start capability for T8 family
- End-of-life shutdown for T5 family
- Quiet operation
- “CC” rated for commercial under cabinet

### THE BALLAST OF CHOICE

- Program start (T5 only)
- Low EMI emissions
- Environmentally friendly
- Flicker-free lamp starting
- Extreme quiet operation



### FEATURES

- Instant-start circuitry (T8 only):
  - provides instant light
  - optimizes energy efficiency
  - provides low cost advantage
- Remote mounting capability of up to 20' (T8 only)
- Minimum lamp starting temperature of 0°F (-18° C)
- Internal ballast fuse to maintain branch circuit integrity
- Inherent thermal protection
- Potted for cooler operation and longer ballast life
- Class A noise rated for quiet operation
- All model ballast meet FCC Part 18, Subpart C, Class B
- Meet ballast requirements of Energy Star residential lighting fixture program
- Operate from a nominal line voltage of 120 volts +/-10%, 60Hz
- Compatible with most infrared control systems
- Will withstand a sustained short to ground or open circuit of any output leads
- High frequency operation – no lamp flickering
- Quiet operation
- UL and CuL Listed
- End-of-lamp-life shutdown (T5 only)
- T12 compliance with new Federal Ballast Law

# ELECTRONIC RESIDENTIAL BALLAST

## BALLAST CERTIFICATIONS

### American Ballast products:

- meet the requirements of the Federal Communications Commission rules and regulations
- comply with all applicable state and federal efficiency standards
- are Underwriters Laboratories (UL and CuL) Listed and CSA Certified
- do not contain Polychlorinated Biphenyl (PCBs)
- carry a three-year warranty
- are produced in a factory certified to ISO9000 and ISO14000
- meet ANSI requirements
- meet requirements of the Energy Star lighting fixture program



## T5

| AMERICAN BALLAST PART NUMBER | APPLICATION                          |
|------------------------------|--------------------------------------|
| AB1-13-PS-120                | 1 lamp 13/8W T5 EOL shutdown         |
| AB1-13-PP-120                | 1 lamp 13/8W T5 EOL shutdown         |
| AB2-13-PP-120                | 2 lamp 13/8W T5 EOL shutdown         |
| AB2-13-RS-120                | 2 lamp 13/8W T5 EOL shutdown         |
| AB1-28-RS-120-R              | 1 lamp 28/21/14-T5 EOL shutdown      |
| AB2-28-RS-120-R              | 2 or 1 lamp 28/21/14-T5 EOL shutdown |

## T12

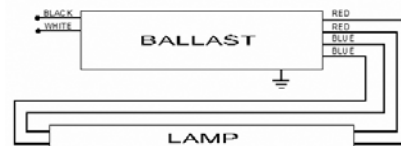
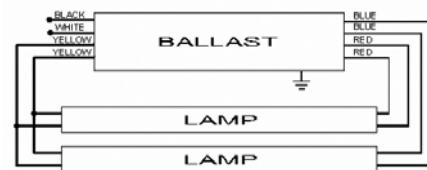
| AMERICAN BALLAST PART NUMBER | APPLICATION      |
|------------------------------|------------------|
| AB2-40-RS-120-RO             | 2 lamp 40/34-T12 |

All specification information is subject to change without notification 3/2006

## T8

| AMERICAN BALLAST PART NUMBER | APPLICATION                      |
|------------------------------|----------------------------------|
| AB1-25-RP-120                | 1 lamp 25/24/17/15-T8; 25-T12    |
| AB1-25-RS-120                | 1 lamp 25/24/17/15-T8; 25-T12    |
| AB1-32-RS-120                | 1 lamp 32/25/24/17/15-T8; 25-T12 |
| AB2-32-IP-120-R              | 2 or 1 lamp 32/25-T8             |
| AB4-32-IP-120-R              | 4 or 3 lamp 32/25-T8             |

## WIRING DIAGRAMS



FOR ADDITIONAL PRODUCT INFORMATION, CONTACT US:

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