

ELECTRONIC BALLAST FOR T12 LAMP APPLICATIONS

To comply with the Federal Ballast Law, American Ballast presents a new line of electronic ballast designed for replacement of magnetic T12 ballast. This new line of T12 standard ballast covers a wide range of applications and operates T12 fluorescent lamps more efficiently.

All ballast fully comply with the new Federal Ballast Efficiency requirement

for installation into new fixtures, as well as with the 2010 requirements for replacement ballast. Whether your customers' application needs are 4-foot, 8-foot Slimline or high output T12 lamps, all T12 standard ballast operate both energy saving and standard lamps. American Ballast has made converting a magnetic fixture to an electronic one with ease. Our electronic ballast have the same

mounting and wiring configurations, are significantly smaller, and weigh less than the T12 magnetic ballast that they replace.

Our T12 ballast are the energy efficient replacement of magnetic ballast in almost every application – increasing efficiency more than 20% and lowering lighting operation costs.

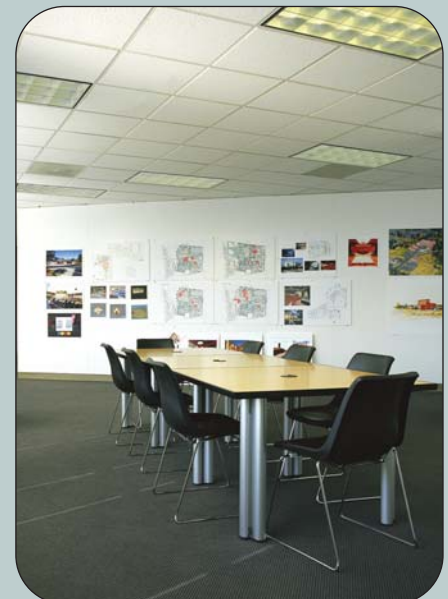
KEY FEATURES

- Instant-start circuitry
- Light-weight
- Meet Energy Star® residential program
- Environmentally friendly



FEATURES

- Full light output – provide same light levels as magnetic ballast
- High frequency operation – no lamp flickering
- Quiet operation – quieter than magnetic ballast
- Same wiring configuration as magnetic ballast
- For use with existing T10/T12 lamps
- Remote mounting capability
- 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 A (Class B application – contact Engineering)
- Meets ballast requirements of Energy Star residential lighting fixture program
- Will withstand a sustained short to ground or open circuit of any output leads
- UL and CuL Listed



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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 five-year warranty
- are produced in a factory certified to ISO9000 and ISO14000
- meet ANSI requirements
- meet requirements of the Energy Star lighting fixture program

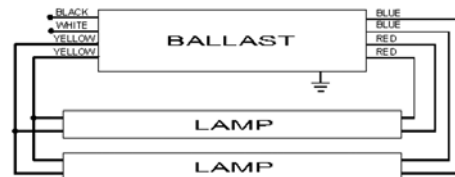


T12	
AMERICAN BALLAST PART NUMBER	APPLICATION
4-foot T12:	
AB1-40-RS-120 or 277	F40T12, FB40T12
AB2-40-RS-120 or 277	F40T10, F34T12, FB34T12
8-foot T12:	
AB2-96-IP-120	F96T12, F84T12, F72T12, F54T12, F60T12
AB2-96HO-RS-120	F96T12HO, F96T12HOES, F72T12HO

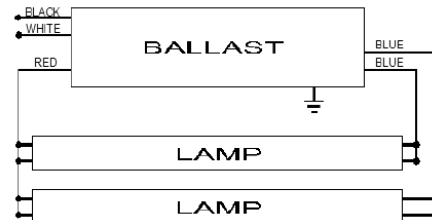
All specification information is subject to change without notification 3/2006

WIRING DIAGRAMS

T12



T12 Slimline



REPLACEMENT ENERGY SAVINGS		
	Present System	Retrofit System
	2 magnetic ballast & 4 T12 4-ft lamps	2 AB2-40-RS-120/277 ballast & 2 T12 4-ft lamps
Watts per Fixture	192W	140W
Fixture Type & Lamp Quantity	2' x 4' - 4 lamp	2' x 4' - 2 lamp
Annual Operating Hours	4,000 hours	4,000 hours
Annual KWh per Fixture	768KWh	560KWh
x \$0.10 = Annual Energy Costs	\$76.80	\$56.00
Annual Energy Savings		\$20.80



FOR ADDITIONAL PRODUCT INFORMATION, CONTACT US:

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For engineering support, application and warranty information, call: 888-345-7648