

Introducing the *Bergytone BT-002* Player Piano Electrification system

Player piano electrification systems are not a new concept. In fact, since Player Piano Company started selling them over 35 years ago, little has changed with them. The design is simple, easy to install and works well. But there are a few common complaints with these systems. They are too loud, have too much interaction between the forward/rewind controls, and are poorly constructed.

Here at Bergytone products, we took a close look at the current product and made some significant design changes that correct these problems. A custom US manufactured vacuum motor with parabolic impeller blades reduce air noise and improve air efficiency by over 20%. This translates to a slower motor speed at a given vacuum level, meaning less motor noise. The carefully designed inlet port/chamber keeps turbulence to a minimum and prevents noise from traveling up the inlet hose. Acoustical damping in the motor area blocks noise at the source. Dual ball bearings are standard for quiet and extended life.

The two stage electronic motor control system has been redesigned as well. A higher current electronic switch (called a Triac) is being used for ultra-reliable operation. A full circuit board with ground plane makes this a safe, electrically clean product. A double throw rewind switch circuit means *no* interaction between forward and rewind controls. This is not a repackaged light dimmer as others have offered, it is designed specifically for AC universal motors. Vacuum level can be adjusted from zero to over 40 inches of water.

One of the first things you will notice about the BT002 is the quality of construction. Rabbit jointed construction guarantees a sturdy product, free from leaks and vibration buzzes. Ultra dense MDF board also limits the acoustic noise transmission. The offset inlet opening allows for multiple placement inside the piano, making



hose routing easier. A specially designed elbow for connection to the piano pumps has a built-in check valve. The valve is leather faced and spring biased shut for quiet, airtight operation when using the pedals. The inlet port is tapered for true airtightness on the hose. Overall dimensions are 7 3/4" square and 9 1/2" tall, not including the inlet port.

The BT002 system comes with the following:

- Two speed electrical controller
- Low torque fwd/rew micro-switch
- Six foot power cord
- Two foot air supply hose
- Wire hold down staples
- Hose flange w/ built-in check valve
- Detailed instruction booklet

We offer a 5 year warranty and a *no questions asked* return policy. If you are not satisfied with the performance of the BT002, return it undamaged and postpaid for a full refund.

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