

# Operating Instructions

## EZ TEX Junior Model # 36-20100

**Note: must Lubricate Material Pump Before each use with Non Detergent SAE 90 W Oil**

**Warning Do not Use Stucco** or any other product that cure in 30 minutes to prevent material from drying in the system.

**Note: You must release all air pressure from the system before turn on electric air compressor, fail to do so will damage air compressor motor.**

**Inspect safety valve at front of the unit for proper operation daily.**

1. Look for serial number under the unit on the front panel. Remove Manuel and fill out your Warranty Card or go to [www.benron.com](http://www.benron.com) and register your unit online.
2. Read thoroughly your DX Manuel review all safety precautions before continuing.
3. Inspect your New Junior, Connect air hose to sprayer and gun ensuring that the air valve on gun is in the off position. Connect material hose to sprayer and gun and close ball valve. Plug the unit directly to an 120 volt outlet if extension cord is needed **Do Not** use cord longer than **50 ft** and less than **10/3** gauge.
4. Check that all filters are in place and that the hopper strainer is in. Fill hopper with 1/4 full of water in order to prime hoses. Then recheck connections.
5. Pull Out pressure regulator knob, Turn pressure regulator knob counterclockwise all the way for zero pressure to Pump. Turn electric switch to **ON**, unit will build pressure until air will drown from safety valve. Turn pressure knob clockwise until desired pressure is reached, look at gauge to check pressure to pump. (**Note** once desired pressure is reached tighten nut to secure pressure setting.)
6. Trigger gun to empty hopper of water, then turn electric switch **off**.
7. If using optional Pick up tube Assembly (P/N 18-005 **5** gallon or P/N 18-055 **55** gallon drum) Remove Hopper and attach Pick up tube assembly and insert in to bucket.
8. **If using Hopper continue.**
9. Materials should be mixed thoroughly before placing in hopper to prevent clogging and should **not** be mixed in the hopper. Mix in a five-gallon bucket and check viscosity with the supplied blue funnel. Material should flow at an even rate, if not, mix and thin with water as necessary until proper viscosity is made.
10. For Ceiling Acoustics Popcorn follow manufacturers recommended instructions for material and remove stainless hopper strainer.
11. Fill Hopper with properly mixed materials.
12. **You must** First open air valve at gun before turning electric switch **ON** to prevent back air pressure to the air compressor and back flow off materials, then open ball valve 1/2 way and Trigger gun to into Hopper or a bucket. This will purge air from system and bring material to gun. Trigger gun to get material flowing and adjust as necessary.
13. Increase or decrease pressure to pump at regulator for desired material pressure.
14. Apply material first to a practice surface like a piece of cardboard. Keep a two five gallon buckets near you, one empty, the other with clean water. This will be handy for cleanup if material does clog the system. If material does clog the tip, first open ball valve a little and trigger gun to clear, if that does not work, close ball valve and remove tip collar and tip remove debris and clean gun out in fresh water bucket and replace tip and collar readjust as necessary.

15. For applying orange peel choose a small tip for the gun and adjust to low material flow and med to high air to create the finish needed. For Knockdown install the 2<sup>nd</sup> to the largest or the largest tip and restrict flow to gun and use low air and trigger gun in random areas to get the effect needed.
16. This will take some practice to adjust for texture wanted.
17. **Immediately after job purge system of materials into a bucket, run until empty.**
18. Remove hopper and rinse clean attach flushing attachment and run system until water is clear.
19. Uncouple gun from hose and rinse thoroughly, remove tip and collar make sure that the air nozzle is clear and has no material restricting air flow and spray WD40 and wipe clean.
20. Remove hose and wipe clean. If material is still present in hose use optional cleaning balls to run through hose to clear debris.
21. Turn on unit to purge water in pump
22. Wipe down unit and store properly. In freezing temperatures fill pump with antifreeze.

Tip	Use	Air Flow	Fluid Pressure Setting
1/8 in. (3.2)	Fog Applications	High	Low
3/16 in. (4.7mm)	Orange Peel	Med to High	Low to Medium
1/4 in. (6.4mm)	Fine to Medium	High	Low to Medium
	Simulated acoustic		
	Splatter Coat	Low to Medium	Medium to High
5/16 in. (7.9mm)	Coarse Acoustic	Medium	High
	Splatter Coat	Low to Medium	High
	Knockdown	Low	High to Medium

**For Fine Finish Spraying Use**



**P/N 16-050**

**Highly Recommended To Use Benron's Hopper strainer With Any Texture Mix To Eliminate Dirt Getting To Pump. P/N 17-200**

