

Vendor Website: [www.virginiaabrasives.com](http://www.virginiaabrasives.com)

Support Phone No. 800-446-1805

### **WARNING**

**Tool Application:** Follow all safety precautions found in the Operators Manual for the Core Drill. Make sure that power switch on the Core Drill is turned "OFF" and unplugged before installing the diamond abrasive core bit.



#### SAFETY TOPICS:

Follow specific safety and operating instructions as found in the Operators Manual for the tile saw.

#### SAFETY CHECKLIST:



1. Before connecting the Core Drill to a power source, make sure that the voltage supplied at the wall outlet is 120 volts and minimum 15 amps.
2. Plug machine into a 120 volt receptacle.
3. Follow safety instructions below.

**WARNING:** The Core Drill must be connected to a water source in order to provide adequate cooling water to the diamond abrasive core bit when using wet cutting core bits.



Wear proper hearing protection.



Wear proper respiratory protection.



Wear safety glasses.



Do not wear loose clothing or jewelry. Keep clothing and body parts away from moving parts.



Do not operate machine if operator or machine is standing in water. This will increase the risk of electric shock.



Core Drill

#### Tool Operation :

Step	Action
1	Unplug Core Drill from power receptacle. Properly install diamond abrasive core bit following the Operators Manual for the drill. Note that the maximum recommended core bit diameter for using the drill in a hand-held operation is 3".
2	When using a diamond core bit specified for "Wet Cutting", make certain that adequate water supply is connected to the drill. Select the proper drill speed to match the diameter of the bit being used (Low 3", Medium 2 1/2", High 1 1/2") by turning the speed knob located on the side of the drill, while simultaneously gently turning the arbor by hand. Make sure the gears are engaged. A free spinning bit indicates the gears are not meshed. CAUTION Using the drill when the gears are not engaged may result in damage to the gears.
3	With the core bit properly installed and water source connected, ensure that the inline ground fault switch has been properly reset. Plug the drill into a 120 Volt receptacle.
4	Turn on the drill by squeezing the trigger switch. The motor will gradually come up to the full speed selected on the speed switch. A front handle is provided to assist with comfortable, safe and stable operation of the tool.
5	Introduce the cutting edge of the core bit to the material being cored at a slight angle. This will help center the bit in the desired coring area. Gradually work the bit to a position of perpendicular to the surface of the material being cored. The bubble levels included on the tool will assist with level coring.
6	Apply slight pressure to the drill during the coring process. Allow the diamond core bit to do the work. The included shoulder rest can be attached to the rear of the drill for additional control, comfort and pushing power.
7	Release the trigger switch, unplug from power receptacle and remove the core bit when the coring process is complete. Inspect the drill and bit for any possible damage before continuing with additional work.
8	When done with work, make certain that the Core Drill is unplugged from the power receptacle. Properly clean drill prior to storage.