

INSTRUCTION MANUAL

TIRRILL BURNER

DESCRIPTION

These noiseless, high flame intensity tirrill burners provide a clear flame of any desired height from 1/2" to 12", with separate control of both flame temperature and flame length.

These burners feature

- Threaded aluminum regulator to control the mixture of gas and air.
- Precision machined brass needle to control the flame length.
- Corrosion resistant, highly stable octagonal shaped, plated die-cast base.
- Aluminum mixing tube.

CATALOG #	PRODUCT DESCRIPTION	GAS TYPE	MIXING TUBE OD	GAS INLET OD	BTU OUTPUT	OVERALL HEIGHT
89038-540	Tirrill Burner Without Flame Retainer	Artificial (Coal)	12.7mm	8mm Serrated	300 - 800	130mm
89038-536	Tirrill Burner	Natural	12.7mm	8mm Serrated	800 - 1200	145mm
89038-538	Tirrill Burner	LP (Bottled)	12.7mm	8mm Serrated	2000 - 3200	145mm

NOTE THAT BTU VALUES ARE FIGURED ON

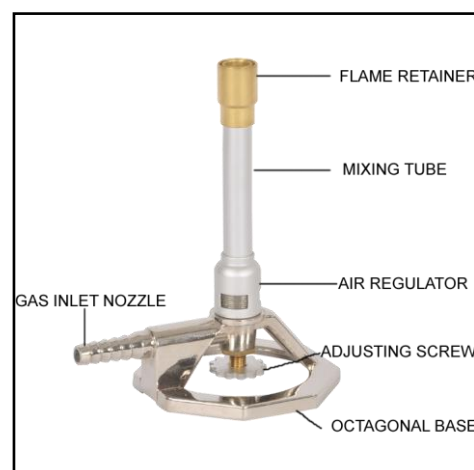
- 0.2 psi for Artificial and Natural Burners
- 0.4 psi for LP Burners

GAS INLET PRESSURE

The gas inlet pressure should be less than 0.8 psi.

OPERATING INSTRUCTIONS

- This is a single flame (also known as the main flame) Tirrill burner.
- Before connecting the gas supply to the nozzle, make sure that both the gas supply and burner is turned off. To turn off the burner, rotate the adjusting screw in anti-clockwise direction.
- Now connect the gas supply to gas inlet nozzle.
- Turn on the gas supply. Gas inlet pressure should be less than 0.8 psi.
- Rotate the adjusting screw clockwise direction slightly.
- Ignite the burner with a match-stick or a gas lighter.
- Height of the main flame can be adjusted by rotating the adjusting screw in both directions.
- Main flame can be turned off by tightening the adjusting screw completely in anti-clockwise direction.
- Gas and air mixture can be regulated by adjusting the air regulator on main mixing tube.
- Different flame characteristics can be obtained with different proportions of air-fuel mixture.



CAUTION

- Use only under the supervision of a trained adult.
- The gas supply tube should fit securely with the nozzle without getting loose during usage.
- Never carry or move a lighted burner.
- Never use a burner to light another burner.