



WILDCAT

The WildCat Bench Burner is a totally surface mixed burner that offers a powerful flame that remains gentle enough to use with colored glass and dichroic glass. The wider flame produced by the WildCat **allows for solid borosilicate work up to 1 1/2" thick and solid soft glass work up to 2" thick.**

Named after the rugged World War II fighter plane of the same name, the WildCat features a solid brass body construction with a stainless steel tube matrix. The tube matrix features 19 fuel ports surrounded by ample oxygen porting. The stand itself is designed for ease of use and places the burner head at a 45° angle. The connection of the body to the stand is made with a ball joint, allowing for an increased or decreased tilt of 15° to articulate the head in virtually any direction or rotation. This allows the burner to have excellent positioning capabilities. The base also has four rubber feet to reduce the likelihood of the unit from sliding during use and features two mounting holes for permanent installations.

An innovative feature of this burner is the "Vortex" Venturi system, built into the brass casing. With 12 ports cut into the front of the nose cone, this highly effective system uses oxygen from the burner to pull air through the nose cone, causing the burner to use less gas and oxygen. As the operator pushes the flame to higher levels, the Vortex system also amplifies its effectiveness as the oxygen flow increases. The amount of fuel use decreases.

Fuel gas and oxygen consumption for the WildCat is extremely economical, with a standard usage of approximately 3 LPM (Liters Per Minute) of propane and only 15 LPM of oxygen. This burner may be used with oxygen and either natural gas, propane, or even hydrogen. The recommended operating pressures are 2 PSI (Pounds per Square Inch) for fuel gas and 5 PSI for oxygen. Wildcat Generates approximately **6477 BTU's**



WildCat with hose barb adapters
10A044-0000

BURNER	CATALOG NUMBER
WildCat with Hose Barbs	10A044-0000
WildCat with Welding Hose "B" fittings	10A044-0100



Gas porting and Vortex Venturi system

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