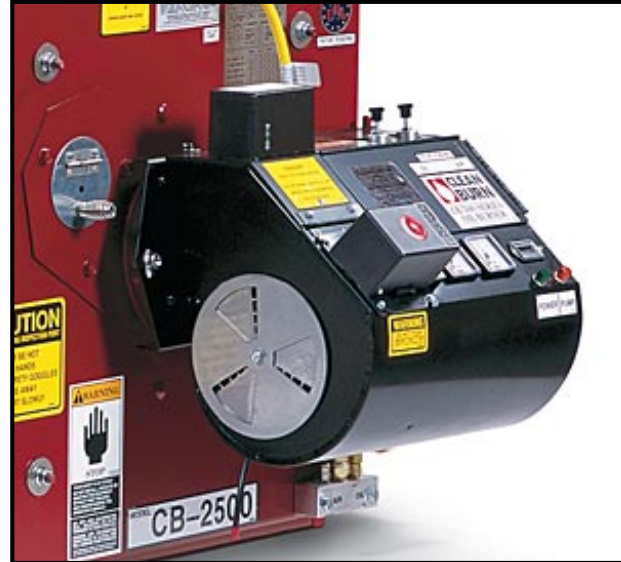
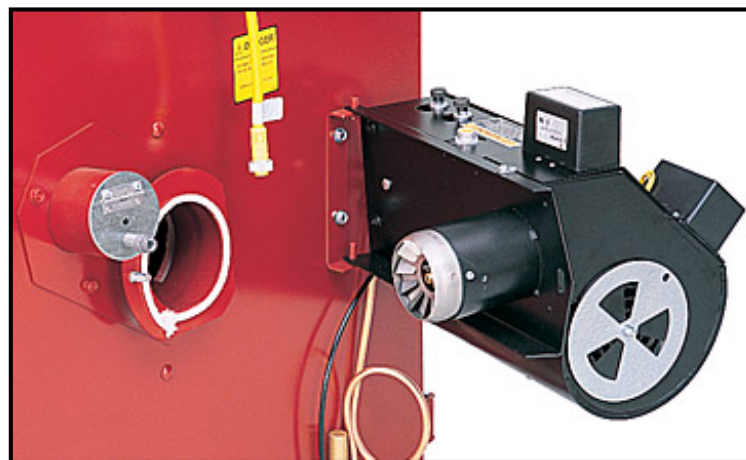




Clean Burn Burner Assembly



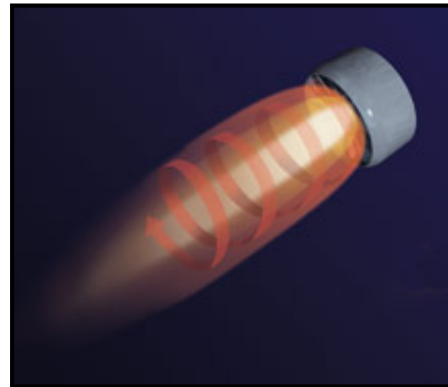
Clean Burn's used oil burner technology is in a league of its own. Unlike most used oil furnaces, **Clean Burn's oil burner has been engineered from the ground up specifically to burn used oils.** Many manufacturers employ modified or retrofitted conventional Beckett fuel oil burners. They are outstanding when used with standard fuel oil, but are much more susceptible to nuisance flameouts, or shutdowns. Unlike standard fuel oil, waste oils have a higher flash point and must be pre-heated in order to ignite properly. Clean Burn's advanced burner design features a pre-header block, ignition system, and special retention head, that makes it the best burner in the industry.



Swing-away burner design provides quick, easy access to the combustion chamber. No need to disconnect oil, air and electrical lines. This unique modular design makes service faster and easier.



A key component of the Burner Assembly is the Pre-Heater Block. It heats the oil and air supply to deliver consistent temperature and oil viscosity to the nozzle, insuring a complete combustion.



The mixture is ignited at the burner retention head, where additional combustion air is added, which swirls in a carefully calculated pattern to maximize combustion efficiency and help make flame control easier. **The special retention head creates more air turbulence at the point of ignition to generate a larger, more efficient flame, making operation more reliable and more forgiving for burning used oils.**

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