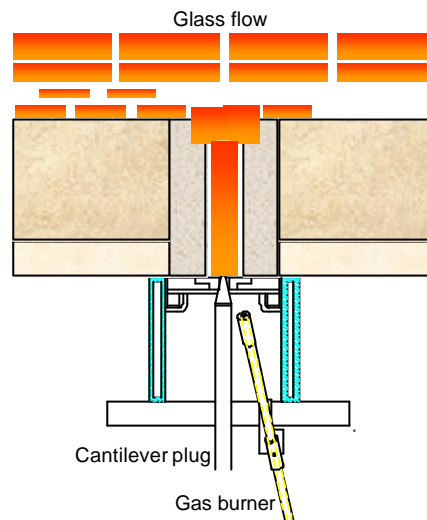
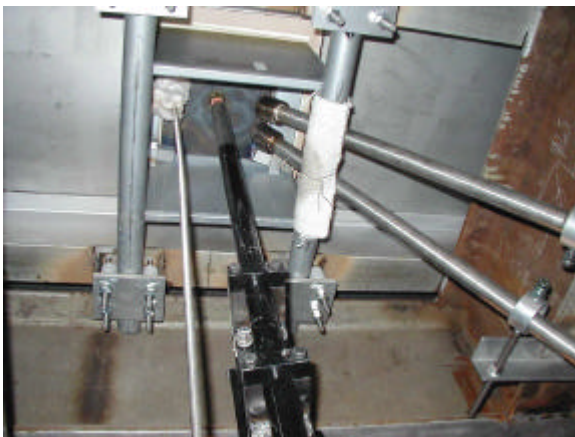


Intermittent Controllable Drain System

Simple, effective and economical, this is a proven system with a number of installations on a variety of glass types worldwide - including borosilicates. This unique system allows periodic drains to be performed in order to remove glass and contaminants from the furnace bottom.



Typical pull rates are between 20 and 200 Kg per hour – controlling flow in both increasing and decreasing flow conditions. Once a small flow is achieved, this can be controlled and only glass and contaminants local to the drain are removed from the furnace bottom rather than a hot stream of glass direct from the main body of the glass melt.



The drain unit is usually positioned at the entrance to the throat, and involves a current being passed between the drain orifice plate and a local 'partner' electrode. The 'partner' electrode can either be an existing boost electrode or one installed specifically for the drain system. Scope of supply usually includes drain unit, burner system, drain cables, SCR controlled transformer and automatic control panel.