



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 draining to be performed in order to remove zircon rich glass and contaminants from the furnace bottom.

Typical pull rates are between 20 and 200kg 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 is usually positioned at the entrance to the throat ; a current is 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.

The scope of supply usually includes:

- Drain system
- Burner system
- Drain cables
- SCR controlled transformer
- Automatic control panel

Drain systems also available for forehearth applications.