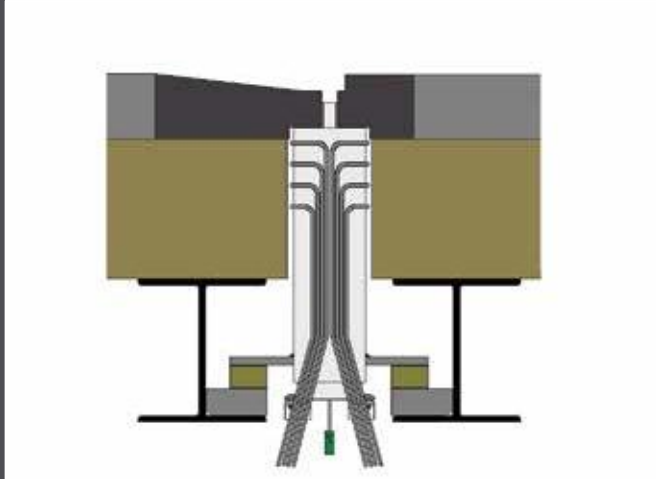


## Continuous Controlled Drain

Effective continuous or semi-continuous draining of high viscosity sludge glass at controlled rates in throats, working ends, forehearth and gathering bays, for conventional and specialist glasses.



- Removes refractory contaminated glass at a controlled rate, without significant waste of good quality glass
- Independent heating and cooling functions ensure that draining can be started, controlled and stopped easily and effectively
- Individually controlled air and water cooling facilitate regulation of glass flow
- Indirect heating removes the need to apply power through the drain tube or glass
- No counter electrode needed
- Low energy usage compared to direct heating designs
- Eliminates the contamination rather than dispersing it
- Proven in reducing 'cat-scratch' and other cord related quality issues



- Simple, automatic, temperature and power control options
- Drain tube dimensions and materials designed to meet individual installation requirements
- Typical continuous draining rates of 8-12kg/hour



### Continuous Controlled Drain

- System consists of Power and Control Unit, Drain Assembly and Cooling Control Manifold
- Proven in Borosilicate, Fluoride Opal, Soda Lime, LCD, TFT, Lead Glass, Potassium Barium, and Alumino-Silicate glasses
- More than 70 installations to date with many customers having multiple systems
- Free-standing power and control module with small footprint for easy location
- Engineering solutions to allow installation of forehearth drains without the need for refractory replacement or forehearth cool down

### Glass Types and Products

- Soda Lime
- Borosilicate
- Fluoride Opal
- Potassium Barium
- TFT
- LCD
- Lead Glass
- Containers
- Cosmetic
- Tableware
- Lighting
- Ovenware
- Pharmaceutical
- Automotive
- TV and Display Glasses
- Tubing

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