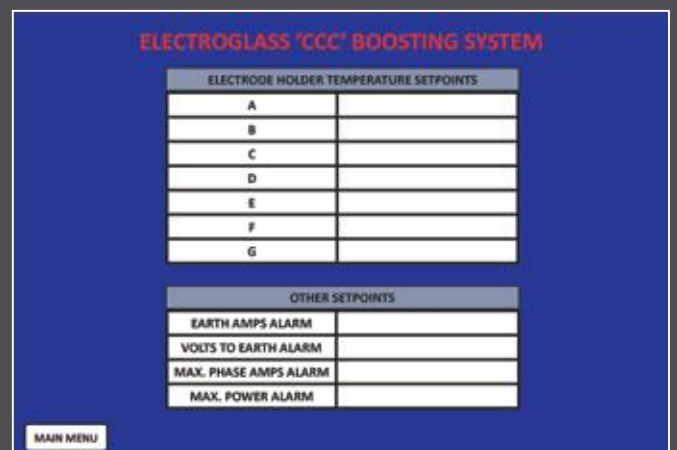
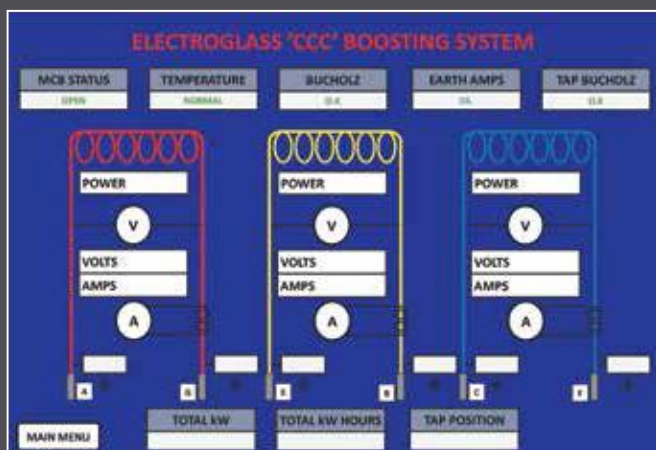


## Convection Current Control Boosting

High performance electric boosting systems for all fuel and oxy-fuel fired glass tank furnaces, based on Electroglass' renowned thermal barrier boosting technology.



- Increase furnace output by up to 60%
- Promotes thermal and chemical homogeneity leading to reduced seeds and stones and providing greater overall glass quality
- Significantly improves furnace operating stability by fixing and reinforcing hot spot position
- Improves combustion heat transfer allowing burners to operate more efficiently by lifting cold glass to the melting surface, increasing overall thermal efficiency
- Careful electrode placement and system design offers greatly reduced refractory wear when compared to other boost system concepts
- Individual system design optimised using in-house physical modelling techniques
- Greater furnace output without altering furnace footprint or increasing flue gas emissions
- Proven hot installation techniques allow integration into existing furnace during operation without need for furnace shutdown or significant production loss
- Comprehensive control panels with option for integration into existing plant computer system
- All systems incorporate Electroglass proven high quality electrode holder technology
- Close cooperation with specialist transformer manufacturers provides robust power systems fit for many years service





### Convection Current Control Boosting

- Exceptional energy efficiency, typically 20kW per additional tonne/day
- More than 150 installations worldwide
- Over 65% repeat orders by existing users or associates
- Free office based lifetime customer support and monitoring

### Special Purpose Electric Boosting

In addition to our main range of Convection Current Control boosting systems, Electroglass has developed, designed and supplied numerous special purpose systems with electrode designs, positions and connection arrangements configured to suit the requirements and properties of a wide range of glasses.

### Glass Types and Products

- Soda Lime
- Borosilicate
- C Glass
- E Glass
- Lead Glass
- Containers
- Cosmetic
- Tableware
- Ovenware
- Automotive
- Lighting
- Tubing
- Glass Wool
- Continuous Glass Fibres
- Float Glass
- Rolled Sheet Glass
- TV and Display Glasses
- Pharmaceutical
- Insulators

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