

The QUBE

Introducing the ultimate plug & play burner control unit.

Following requests from customers to develop a self contained control unit for metal fiber or ceramic plaque burners, Infraglo has developed the QUBE.

Housed in an eleven inch cube stainless steel box, the QUBE houses all the components necessary to run a gas fired infra red burner. All the customer needs to connect is power and gas!

The QUBE can also be supplied to various IP specifications dependent upon the application environment.

The QUBE comprises:

1/2" BSP gas connector

120v live/neutral/earth socket connector

Power on indicator

Burner on/off switch with burner run indicator

Burner lockout indicator

Momentary switch for resetting burner on failure

Manual heat input potentiometer or 1-10v dc / 4-20 μ output to plc or temperature controller

Fully modulating fan

Twin solenoid gas shutoff valves with zero governor

Venturi with needle valve/throttle assembly to adjust air/gas ratio dependent upon gas used (natural gas or LPG)

ESYS control box

Turn down is up to 10:1 dependent upon burner and application

The housing is normally fitted with a washable air inlet filter but this can be replaced with a socket for connection to a pressurized clean air supply in particularly dusty environments.

The QUBE can improve temperature distribution, controllability, productivity and ultimately product quality whilst potentially reducing fuel consumption.

WHAT CAN IT DO FOR YOU?