

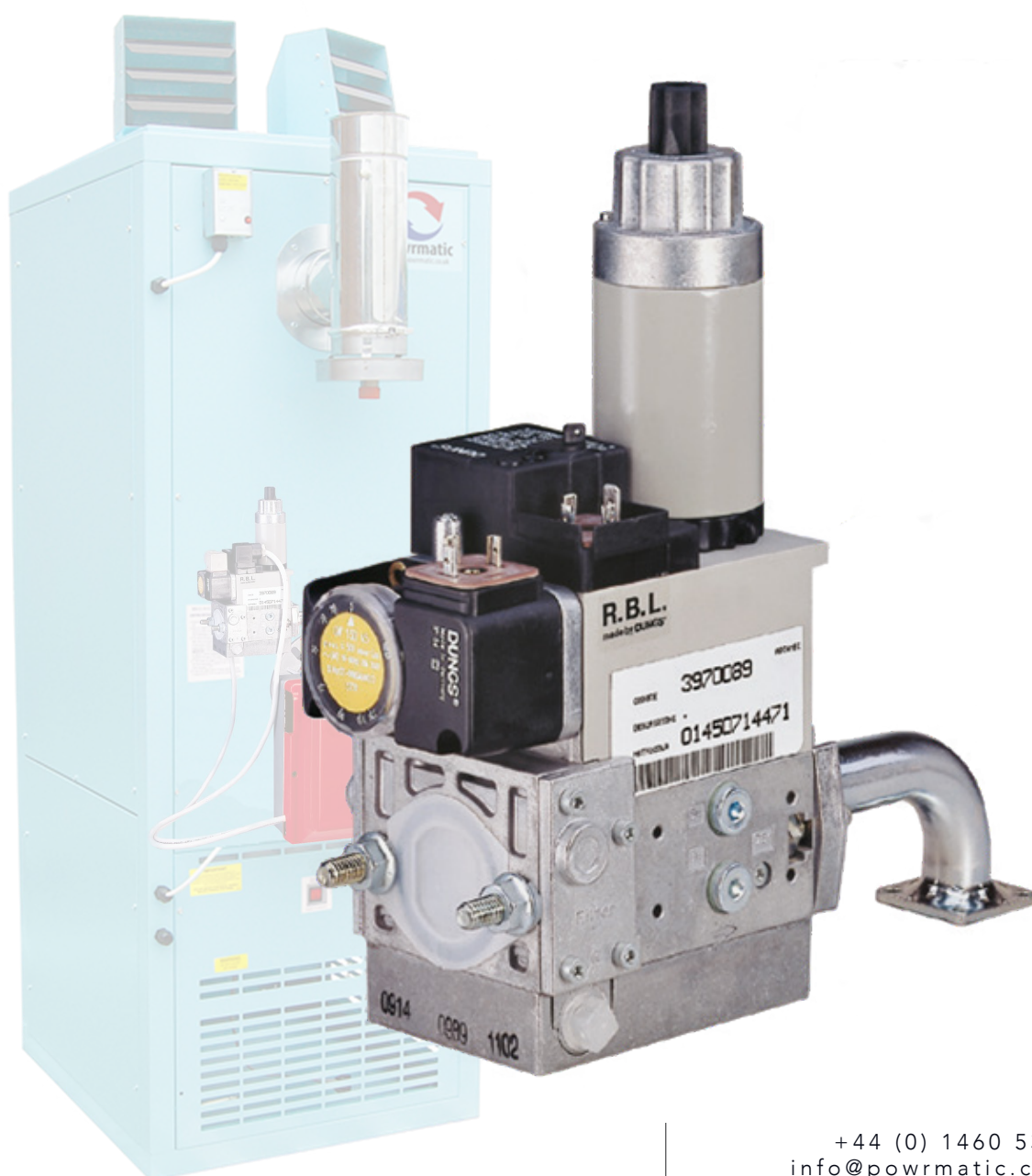
TB128

Applies to models:

CPxG



Instruction for setting up of the Dungs MB-ZRDLE Gas Valve



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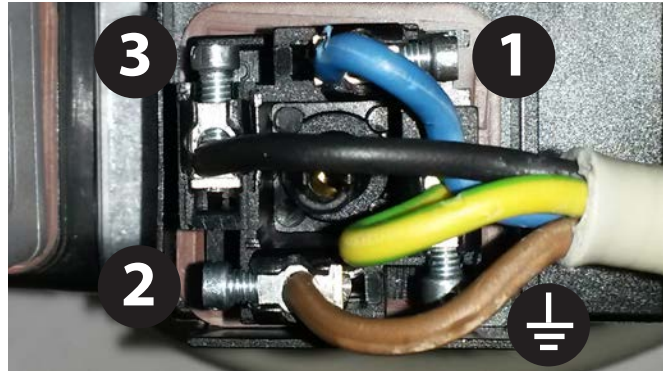
Procedure

Dungs MB-ZRDLE B01 gas valve set up.

Check wires to the gas valve.

The 4 pin DIN plug numbering is:

- pin 1 **GREY CABLE** = Neutral
- pin 2 **BROWN CABLE** = Start gas
- pin 3 **BLACK CABLE** = Main gas
- Earth pin = **GREEN/YELLOW CABLE**



- Loosen fixing screw to the low gas pressure switch cover. Pull back cover and move to one side.
- Adjust the Pressure Switch to the correct setting. nom. 15mbar
- Replace the cover.



- Open pivot cover and rotate pressure adjustment screw fully clockwise (+ positive).
- Rotate screw, anticlockwise (- negative) 8 full turns (this is a very fine thread).



- Slacken fixing screw on main aluminium volume regulator (not the painted screw!)



High Fire Adjustment

- Adjust controller to give High Fire.
- Rotate regulator fully clockwise (- negative).
- Turn anticlockwise back 1/3 turn.
- Start heater.
- If burner fails to light, increase regulator in 1/3 increments (MAX 2 complete turns!)
- Adjust main volume regulator to give 0.2mbar above the stated gas pressure.



- Check burner pressure at burner test point.



- Adjust pressure adjustment screw under pivot cover to give corrected gas pressure. (this is a very fine thread).



Low Fire Adjustment

- Adjust controller to give Low Fire.
- Rotate regulator clockwise (- negative) anti-clockwise (- positive) to give correct low fire burner setting. (A small allen key or screwdriver may aid turning).



- Check burner pressure at burner test point.
- Re-adjust controller for high fire and re-check pressure.
- Re-adjust controller for low fire and re-check pressure.



- Lock down screw.



Note: Adjuster under black cap on top of main aluminium volume regulator may need to be re-adjusted to avoid vibration.



If burner still fails to go for start-up, check for:

a) Burner lockout. b) Check Fuse. c) Adjustment of CPI on size 120 (CP400) and above.

If burner remains at low fire on 120 (CP400) and above, don't assume gas valve adjustment - Check if **GREY** and **BROWN** cables are correct to valve.



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Every effort is made to ensure accuracy at time of going to press. However as part of continued product improvement, we reserve the right to alter specification without prior notice.