





```

/// Parameters to model temperature and humidity dependence
#define CORA 0.00035
#define CORB 0.02718
#define CORC 1.39538
#define CORD 0.0018

```

```

/// Atmospheric CO2 level for calibration purposes
#define ATMOC02 397.13

```

```

class MQ135 {
private:
    uint8_t _pin;

public:
    MQ135(uint8_t pin);
    float getCorrectionFactor(float t, float h);
    float getResistance();
    float getCorrectedResistance(float t, float h);
    float getPPM();
    float getCorrectedPPM(float t, float h);
    float getRZero();
    float getCorrectedRZero(float t, float h);
};
#endif

```

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