

# AW315G Electrofusion

## Operating Modes

Fully Automatic

## Controlled Welding Current

Yellow : 5 Aac (28V to 186V)

## Controlled Welding Current

Brown : 10 Aac (28V to 186V)

## Controlled Welding Voltage

Blue : 220Vac (4A to 10A)

## Controlled Welding Voltage

Red : 220Vac (4A to 10A)

## Welding Time

Yellow 80 sec

Blue 420 sec

Brown 370 sec

Red Thermal fuse in fitting

## Supply Voltage

110 Vac (+/- 20%) 40 to 60 Hz

## Supply Current

1 to 16 Aac (110v)

## Supply Power

3300 W (peak)

## Weight

15 kg

## Size

41 x 34 x 20 cm

## Operating Temperature

-15 C to 50 C

## Environmental Protection

IP65

## Electrical Protection

Class 1

## Supply Cable

5m

## Welding Cable

3m



## ADVANCE WELDING

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The AW315G is a fully automatic universal electrofusion welding unit, designed to join PE low pressure fittings rated at 5 amps welding (Yellow cable), 10 amps welding (Brown cable), 220 volts welding (Blue cable or Red cable).

These fittings are used for Siphonic Drainage applications and are made by:

Akatherm

Geberit

Wavin

Valsir

Polypipe

**This unit is built for STRENGTH.** It is made in a strong metal case that won't crack or break if dropped. This is mounted in a rugged plastic carrying case to protect it from damage when being transported and stored. It has tough rubber cables to protect against electric shock, and is fully sealed and waterproof to IP65. *This unit is strong enough to be used on any construction site.*

**This unit is built for EASE OF USE.** Each colour of welding cable is used for a different type of fitting. Simply connect the cable to the welding unit and the mode of operation is set automatically. Connect the fitting and press the Start button. The temperature compensated welding time will count up to 100% when complete. Any errors will be indicated. *Welding is fast, simple and automatic.*

**This unit is built for RELIABILITY.** It has been designed specifically for heavy duty usage, where many fittings are welded each day. High quality components can repeatedly weld fittings up to 315mm diameter without long periods of downtime. A range of fault indications are available to allow a network of worldwide service agents to resolve any issues.

**This unit is built to be UNIVERSAL.** This unit has been specifically designed to weld all siphonic drainage electrofusion fittings from 32mm to 315mm.

YELLOW: 32mm to 160mm (Akatherm, Valsir, Geberit, Wavin, Polypipe)

BLUE: 200 to 315mm (Akatherm, Valsir, Polypipe)

RED: 200 to 315mm (Geberit)

BROWN: 200 to 315mm (Wavin WaviDuo)

*This unit has been APPROVED by Geberit, Wavin and Polypipe, and is fully allowed to weld their pipe-work systems.*