

JG Aura Control Unit

Single room pump and mixer pack with internal temperature stat

Overview

JG Aura Control Unit is used to provide heating to a conservatory or room extension up to 30m². It is suitable for use when the boiler serving the existing heating system has the capacity to take the extra output from 2KW to 3KW and the maximum area to be heated is 30m² or less.

The unit is pre-assembled and pre-wired to allow for a fast and simple installation. It can be plugged into any convenient electrical socket or spur. It also has integral ball valves for isolation from the primary heating system, an adjustable blending valve and a six-metre head circulation pump.

It should ideally be connected to the main central heating flow and returns distribution system, but it can connect to the nearest radiator supply pipe. In this case, the pump will not operate independently and will only obtain hot water when the radiator system is on.

Features & benefits

- Pre-wired and pre-assembled for a fast a simple installation
- Single zone control unit for conservatories and extensions
- JG Speedfit push-fit connections
- Plug directly into an electrical socket or spur
- Integral ball valves for isolation from the primary heating system
- Adjustable blending valve and 6m head circulation pump
- Anti-vibration mounting bracket
- Suitable for underfloor heating applications up to 30m²



Product code	Description	Pack QTY
JGROOMPACK/3	JG Aura Single Room Control Unit	1



JG Aura Control Unit

Working parameters & specifications

Hot Temperature Supply Range	60-80°C
Adjustable Temperaire Range	125-60°C
Maximum Supply Pressure	10 bar
Factory Set Temperature	45°C +/- 2°C
Temperature Stability	+/- 2°C
Power Supply	230v AC 50hz
Connection Sizes	Mixing Valve - 15mm Push-fit Pump Outlet - 15mm Push-fit

Materials - Mixing Valve

O-Rings	Viton
Body	Gunmetal
Spring	Stainless Steel
Piston	Acudel
Machined Brass Parts	DZR Brass

Applications

Underfloor Heating

Accessories

JG 15mm Spigot to 12mm Socket Reducer ZRED100012

Materials - Isolating Valves

Seals	EPDM
Ball	Chrome Plated Brass
Seats	PTFE
Handles	Epoxy Coated Steel
Collets	Acetal Copolymer (Unfilled) White & Stainless Steel

Dimensions – All measurements in mm unless otherwise stated

