

FUTURISTIC SPACE CAPSULE & GARDEN SUITE

# Eco Capsule Garden Room 4.2m

Architectural insulated garden workspace engineered for quiet concentration, modular versatility, and all-season British durability.

STANDARD SIZE: 4.2M X 2.4M · 10 M<sup>2</sup>



#### ACOUSTIC SHELL

Rw ≥ 32dB certified sound isolation with acoustic mineral core



#### FRESH AIR FLOW

Positive pressure dual-fan circulation at ~60 m<sup>3</sup>/h exchange

#### UK 3-PIN POWER

BS 1363 230V sockets, safety shutters & dual USB-A/C ports

#### 10-YR WARRANTY

Full British structural frame warranty & weather sealing

**UK Mainland Delivery Included:** Dispatched in bespoke modular crates with turnkey on-site assembly options.

Lead Time: **9-12 Weeks**

## ARCHITECTURAL ANATOMY

# Built for Comfort, Focus & British Weather

Every BuyGardenPods unit combines industrial structural stability with ergonomic interiors, active ventilation, and full compliance with UK domestic electrical and fire codes.

## Acoustic Insulation & Privacy

Multi-layer sandwich walls filled with high-density rockwool (50 kg/m<sup>3</sup>, 50mm thickness) and high-absorption acoustic PET felt panelling. External sound reduction index  $R_w + C_{tr} \geq 32\text{dB}$  prevents confidential calls from leaking outside while isolating garden and street noise.



## Active Fresh Air Ventilation

Integrated dual-fan ventilation system running at 1,500 rpm @ 12V DC. Creates positive pressure inside the pod to circulate fresh air from top to bottom, exchanging air at 60 m<sup>3</sup>/h without draughts, operating at an ultra-low whisper noise level of  $\leq 28\text{ dB(A)}$ .

## BS 1363 British Standard Power

Pre-wired electrical loom featuring flush-mounted BS 1363 UK standard 3-pin sockets with integrated safety shutters, dual USB-A and USB-C fast charging ports, and a dedicated consumer unit with 30mA RCD and MCB circuit protection, fully certified to BS 7671 standards.

## Ergonomics & Smart Lighting

Fitted with ceiling-recessed Philips 4000K natural daylight LED lighting (410 lm) controlled via intelligent PIR occupancy sensor. Generous internal headroom (2.10m – 2.40m) and optional heavy-duty HPL scratch-resistant floating workstation.

## Fire Safety & Non-Combustible Core

Manufactured using 94V-0 fire-rated composite materials and Class B-s1, d0 fire-retardant exterior panelling. Internal electrical conduits are fully enclosed in fire-resistant metal raceways for absolute safety in garden residential settings.

## 5+5mm Laminated Safety Glass

Thermally broken aluminium or UPVC frames glazed with 5+5mm acoustic laminated double glazing with argon gas cavity. Blocks 99% of harmful UV rays while delivering superior thermal retention during British winters (U-value 1.1 W/m<sup>2</sup>K).

## Rapid Modular Assembly

Pre-engineered modular panels arrive pre-wired with factory-drilled precision joints. A standard pod can be assembled by two qualified operatives in 2 to 4 hours on any prepared level hard-standing, concrete pad, or ground screw foundation without wet trades or building disruption.

## MODEL SIZING &amp; FOOTPRINT

## Eco Capsule Garden Room 4.2m Configurations

Available in three standardized modular footprints to match your garden space, planning preferences, and spatial requirements.

| SIZE OPTION         | EXTERNAL FOOTPRINT | INTERNAL AREA       | RECOMMENDED SPATIAL LAYOUT                   |
|---------------------|--------------------|---------------------|----------------------------------------------|
| Compact             | 3.6m x 2.0m        | 8 m <sup>2</sup>    | One desk, chair and storage                  |
| Standard (Standard) | 4.2m x 2.4m        | 10 m <sup>2</sup>   | Desk plus a meeting chair or sofa            |
| Large               | 5.0m x 2.8m        | 13.5 m <sup>2</sup> | Office plus a second seating or meeting zone |

## CERTIFIED ENGINEERING

## Technical Specifications

|                          |                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|
| EXTERNAL DIMENSIONS      | 4.2m x 2.4m (Height: 2.30m – 2.50m external, suitable for UK permitted development < 2.5m)                                 |
| INTERNAL USABLE AREA     | 10 m <sup>2</sup> (Internal clear standing ceiling height: 2.10m – 2.25m)                                                  |
| STRUCTURAL FRAMEWORK     | Hot-dipped galvanised steel sub-frame (Q235) with aerospace 6063-T5 aluminium alloy uprights                               |
| THERMAL INSULATION       | Multi-layer thermal break composite panels (Rockwool core 50kg/m <sup>3</sup> , overall U-value ≤ 0.24 W/m <sup>2</sup> K) |
| ACOUSTIC PERFORMANCE     | Sound Reduction Index: $R_w + C_{tr} \geq 32$ dB (Tested to ISO 10140 / BS EN ISO 717-1)                                   |
| GLAZING SYSTEM           | 5+5mm acoustic laminated toughened safety glass with double-sealed EPDM weatherproof gaskets                               |
| FRESH AIR VENTILATION    | Active dual 12V DC fans (1,500 rpm, positive pressure air change ~60 m <sup>3</sup> /h, noise level ≤ 28 dB)               |
| ELECTRICAL SPECIFICATION | BS 1363 UK 3-pin standard sockets (230V / 50Hz, 13A), dual fast USB-A + USB-C, 30mA RCD consumer unit                      |
| LIGHTING INCLUSIONS      | Philips LED 4000K natural daylight strip light (410 lm), automatic PIR occupancy detection                                 |
| FIRE PERFORMANCE         | Class B-s1, d0 non-combustible core (BS EN 13501-1), 94V-0 interior flame-retardant panel rating                           |
| APPROXIMATE WEIGHT       | 450 kg – 1,200 kg (model and fit-out dependent, engineered for standard garden sub-bases)                                  |
| FOUNDATION REQUIREMENT   | Flat, level hard-standing (concrete slab 100mm+, timber decking sub-frame, or ground screw anchors)                        |
| PERMITTED DEVELOPMENT    | Complies with UK Town and Country Planning (General Permitted Development) under 2.5m eaves limit                          |

## BESPOKE STYLING

## Customisable Finishes & Material Options

Tailor your pod's exterior aesthetic and interior acoustics to harmonise with your garden landscaping and home architecture.

### 1. EXTERIOR ARCHITECTURAL CLADDING



Pure White  
RAL 9016



Anthracite Grey  
RAL 7016



Stealth Black  
RAL 9005



Warm Timber  
Natural Oak



Dark Walnut  
Rich Woodgrain



Forest Green  
British Heritage

### 2. INTERIOR ACOUSTIC FELT & FLOORING



Graphite Grey  
Acoustic Felt



Pearl Grey  
Acoustic Felt



Warm Camel  
Acoustic Felt



Nordic Sage  
Acoustic Felt



Charcoal Tile  
Contract Carpet



Oak Plank  
Waterproof SPC

## ENHANCEMENTS

## Optional Factory Upgrades



#### Dual-Inverter Climate Control

Ultra-quiet A+++ split air-conditioning & heat pump system for effortless year-round 21°C comfort.

#### Bespoke Workstation Fit-Out

Integrated solid hardwood or HPL desk with cable management port, storage drawers & floating shelving.

#### Smart Biometric Digital Lock

Keyless access via fingerprint sensor, PIN keypad or smartphone app with encrypted activity log.

#### Smart Switchable Privacy Glass

Instant electro-chromatic glass switches from clear to opaque at the press of a remote or smart button.

### British Customer Service & Turnkey Delivery

All BuyGardenPods structures are delivered direct to your UK address in protective crates. Our certified installation teams provide complete on-site assembly, base levelling, and commissioning.

✓ 10-Year UK Structural Warranty · 2-Year Inclusions Warranty

#### Direct Enquiries & Orders:

Website: [buygardenofficepods.co.uk](https://buygardenofficepods.co.uk)

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Nationwide UK Mainland Delivery