



# HEAT2NEAT

## Heat Pump Plate Set



28  
mm

35  
mm

## HEAT2NEAT

is a Heat Pump Plate for covering, protecting, and tidying air source heat pump entry & exit points with Premium Lagging for heat prevention and protection.

<b>Lagging Material</b>	50% NBR, 15% PVC, 35% Foam Ingredient
<b>Plate Material</b>	Modified PP with UV
<b>Reaction to Fire</b>	Currently on Test
<b>Temperature Range</b>	-20 °C to +80 °C

<b>Thermal Conductivity</b>	0.04W / m*k)
<b>UV Protection</b>	Grade 5 Extreme UV Material
<b>Water Absorption</b>	Very Low
<b>Water Vapour Permeability</b>	Currently on Test



### 1 | Mark & Drill Core Holes

Use a spirit level to mark two vertical or horizontal centres exactly 150mm apart. Drill through the brickwork using a 78mm or 91mm core bit, depending on the size of your specific plate.



### 2 | Prepare Wall Fixings

Align the plastic mounting plate over the core holes. Mark the four corner fixing positions on the brick, then drill and insert plugs using suitable drill bits and wall plugs.



### 3 | Seal & Size Lagging

Measure the thickness of the finished wall surfaces cutting to length square so the pipe lagging sits flush. Apply a generous bead of weatherproof sealant around the edges of the core holes to prevent moisture ingress.



### 4 | Insert Pipes & Plate

Feed your copper pipes, pre-fitted with the insulation, through the mounting plate and into the wall. Ensure the lagging is pushed firmly into the plate's protective shrouds.



### 5 | Secure the Plate

Once the pipes are positioned, use screws to fix the plate tightly against the brickwork. The sealant applied in step 3 will create a gasket-like seal as the plate is tightened.



### 6 | Final Seal & Connection

Apply waterproof sealant to pipework within the shroud before making any final pipework connections, finish installation with suitable external lagging. You now have plenty of space to connect your external pipework using your preferred fittings.

## RECOMMENDED

**Core Drill Sizes**  
78mm or 91mm

**External Lagging**  
28 x 19mm / 35mm x 19mm

**Sealant for Edges**  
Bond It GBX Pro in Black

**PATENT NUMBER**

GB2412277.2

