

# HEAT PUMP BASES BOOK

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City Plumbing's Renewables Team have been working hard to put you on a solid footing when trying to do a heat pump base more quickly. This brochure details how to mount heat pumps level and solid in a variety of scenarios and the product codes to order to achieve that.



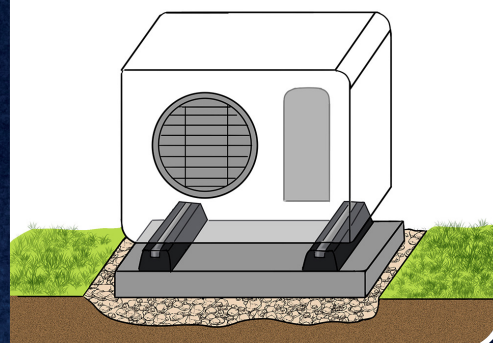


## Level(ish) Soft Landscape - **Simple Base**

Dig deep enough that you can have a gravel bed of 50mm depth to put down a PolarPad™, joggle it around to get it level and stable, then place standard 'sleeper style' heat pump feet on top.

Code	Description
160645	PolarPad + 1 Solfex Feet

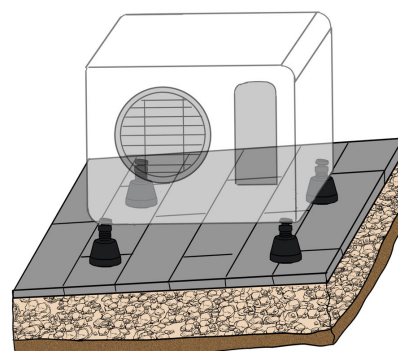
Solfex Feet	Size (Height)	Qty
184905	100mm	2 Pack
184903	100mm	3 Pack
184902	150mm	2 Pack
184901	150mm	3 Pack



## Existing Hard Landscape

Hard landscape is almost never quite level, that's where telescopic feet are a game changer. Up to 15° of ground slope (depending on exact heat pump size) can be taken up by these ingenious beauties.

Solfex Telescopic Feet	Qty
155389	4 Pack
155388	6 Pack

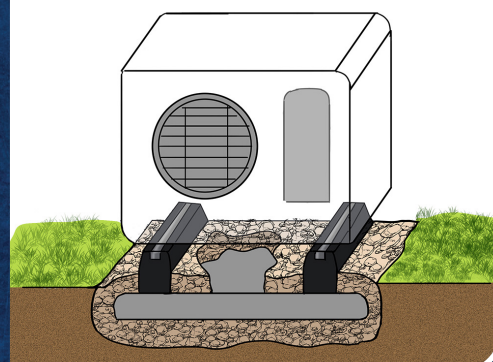


## Soft Landscape - **Hide the Pad**

If the grey plastic finish of the PolarPad isn't your cup of tea and you want to provide a tidier finish you can just use 150mm high feet and put a layer of gravel over the top of the polar pad as well as underneath giving a nicer look and the same clearances.

Code	Description
161645	PolarPad + 1 Solfex Feet

Solfex Feet	Size (Height)	Qty
184902	150mm	2 Pack
184901	150mm	3 Pack



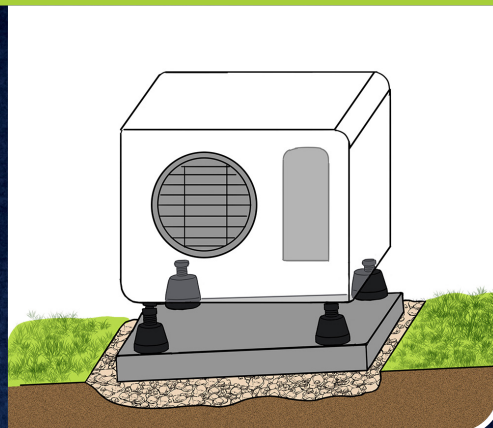


## Soft Landscape - **Ground not Level**

If the heat pump is going on soft landscape that isn't quite level you can put down a PolarPad on 50mm of gravel - get it stable but NOT level, then use telescopic feet to get the heat pump level on top.

Code	Description
161645	PolarPad + 1 Solfex Telescopic Feet

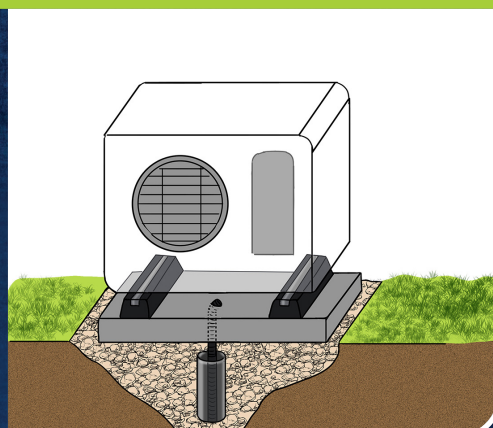
Solfex Telescopic Feet	Qty
155389	4 Pack
155388	6 Pack



## Soft Landscape - **With Soakaway**

If you want to drain to a soakaway under the pad, you can just dig a bit deeper and form the soakaway, then drill a hole through the pad and pipe the condensate discharge to the soakaway.

**No more products for this option - just a bit more digging.**





Sometimes you might want to hang the heat pump on a wall instead of putting it on the ground. If you do, the best range of brackets we have available are from Diversitech.

The right bracket for common heat pump ranges are in the table below.

	Code	Bracket	ASHP
 <b>Vaillant</b>	106154	CBR2-XXL	aroTHERM Plus Range
 <b>Midea</b>	Special	CBR2-XXL-3A	M Thermal R32 and R290 4-6kW
<b>SAMSUNG</b>	235754	CBR2-XL	R32 Gen 6 Range
	810089	CBR1-XXL	EHS HT Quiet Range
	810089	CBR1-XXL	R290 Range (models with and without pump)
 <b>MITSUBISHI ELECTRIC</b>	235754	CBR2-XL	Ecodan R32 Models
	106154	CBR2-XXL	Ecodan R290 Models
 <b>ideal</b> HEATING	235754	CBR2-XL	Logic Air
	Special	CBR2-XXL-3A	HP290 4.5 and 6 kW
 <b>GRANT<sup>UK</sup></b>	235754	CBR2-XL	Grant Aeron3 Models
	106154	CBR2-XXL	Grant Aeron3 290 Models
 <b>DAIKIN</b>	106154	CBR2-XXL	LT MONO 4-8kW Models
	Special	CBR2-XXL-3A	EDLA09 9-16kW Models