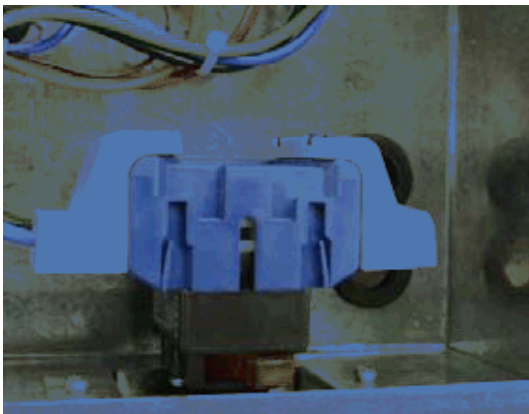
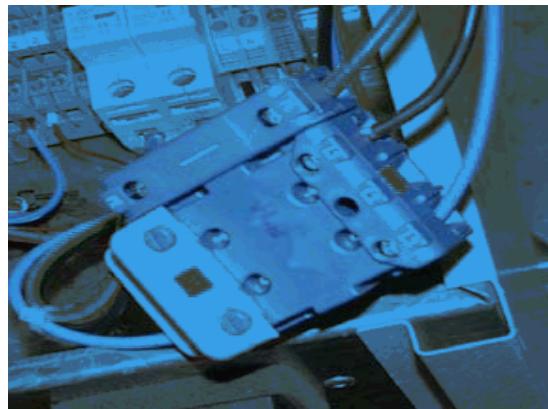


## Electrical Requirements: Single Phase Units

- 1 The electrical supply to the heat pump must be protected by a **D motor rated MCB** [refer to electrical requirements chart for size]
- 2 The system controls **must** all be wired directly from the Heatking control box terminal 1 with switched call signal returning on terminal 2 [refer to Heatking wiring diagrams]
- 3 When installing a heat pump to supply heating and hot water the controls must be wired to give **priority to the heating** over the domestic hot water [refer to priority heating wiring diagram supplied by HeatKing]
- 4 The heat pump requires [Single Phase] 230v/ 50 Hz supply
- 5 The incoming mains supply **must** be wired into the isolation switch to ensure the unit is totally isolated when the switch is turned off.



1. Isolation switch  
(view from inside control box)



3. Back of switch removed for wiring



2. Move red lever across to release back of switch

1 Phase Supply: PE=Earth L1=Live L3=Neutral

Any cables fitted between the heat pump and the building must conform to the relevant standards. If the Heat pump is wall mounted on rubber vibration isolators provided then it must be correctly grounded to earth.

## 23 Electrical Requirements

**IMPORTANT: D Motor Rated MCB must be fitted**

	Single Ph
<b>BWarm 6000 unit</b>	
<b>Starting Current:</b>	<b>20 Amps</b>
<b>Normal Operating Current</b>	<b>10.7 Amps</b>
<b>Recommended Supply Protection (D motor rated MCB)</b>	<b>32 Amps</b>
<b>BWarm 8000 unit</b>	
<b>Starting Current</b>	<b>24 Amps</b>
<b>Normal Operating Current</b>	<b>13.5 Amps</b>
<b>Recommended Supply Protection (D motor rated MCB)</b>	<b>32 Amps</b>
<b>BWarm 9000i unit</b>	
<b>Starting Current</b>	<b>26 Amps</b>
<b>Normal Operating Current</b>	<b>13.5 Amps</b>
<b>Recommended Supply Protection (D motor rated MCB)</b>	<b>32 Amps</b>
<b>BWarm 12000 units</b>	
<b>Starting Current</b>	<b>31 Amps</b>
<b>Normal Operating Current</b>	<b>19 Amps</b>
<b>Recommended Supply Protection (D motor rated MCB)</b>	<b>40 Amps</b>
<b>BWarm 13000i units</b>	
<b>Starting Current</b>	<b>33 Amps</b>
<b>Normal Operating Current</b>	<b>19 Amps</b>
<b>Recommended Supply Protection (D motor rated MCB)</b>	<b>40 Amps</b>

**Refer to installation instructions for full electrical specification**

**All installation work must be carried out by a competent person in accordance with the manufacturer's instructions and to current: IEE wiring regulations.**