

# Technical Support Guide



VI.0 Using the JEM Glaciator Dynamic on USA Residential 240V Power Supply

14-Dec-22

### **Question:**

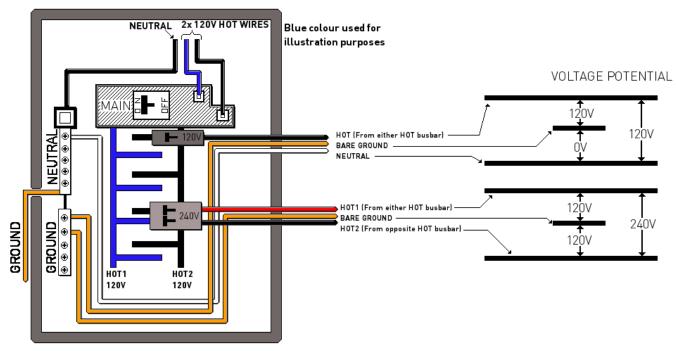
How can I connect a JEM Glaciator Dynamic to a USA residential 240V power source?

### Answer:

The JEM Glaciator Dynamic is capable of operating at both 208V 60Hz (USA industrial 3 phase) and also 240V 60Hz (USA residential supply).

\*\*ONLY TRAINED ENGINEERS SHOULD PERFORM THE WIRING OPERATION REQUIRED\*\*

A suitable 240V breaker capable of supplying 30A will need installing in the distribution box to provide 2x 120V Hot lines.



Typical US Residential 120V and 240V Circuits

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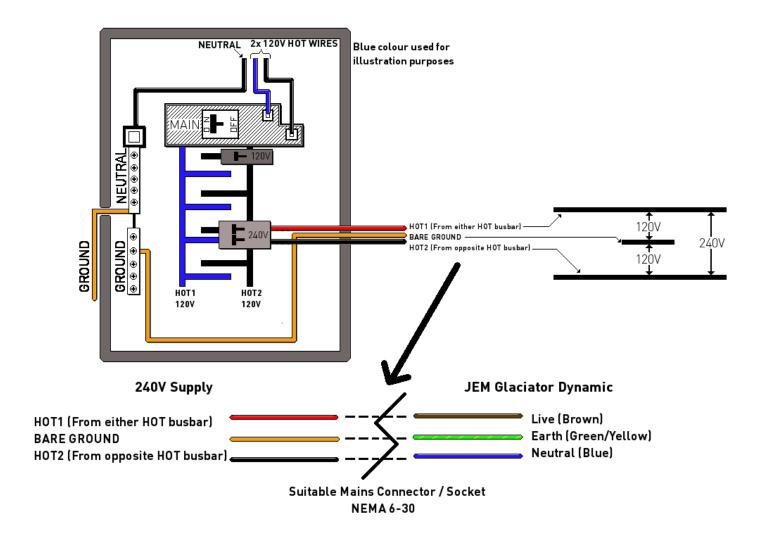
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Connection of the JEM Glaciator Dynamic is shown in the diagram below.

A suitable 30A NEMA 6-30 connector and socket is advised.

Installation of a 240V breaker will require correct colour coding/labelling of all wiring to denote a HOT2 is now present in the circuit..



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