

JG Speedfit

Underfloor Heating

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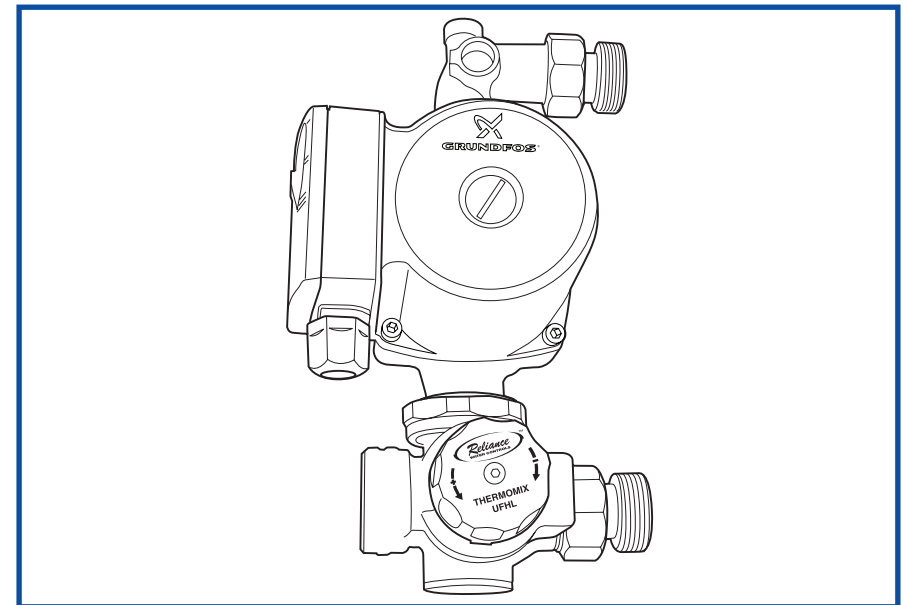
www.johnguest.com

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Underfloor Heating

John Guest Thermomix Underfloor Pack

Installation Guide



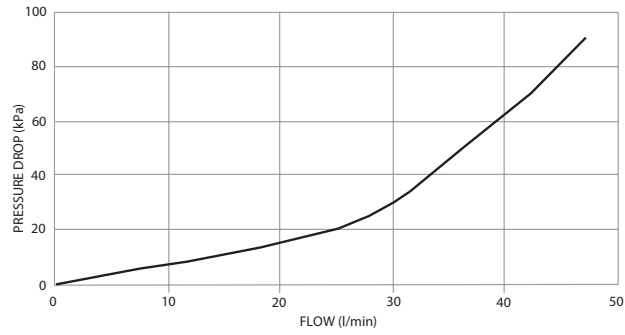
The JG Thermomix Pack provides temperature controlled mixed water to an underfloor heating system with a heat output up to 14kW.

TECHNICAL SPECIFICATIONS & DIMENSIONS

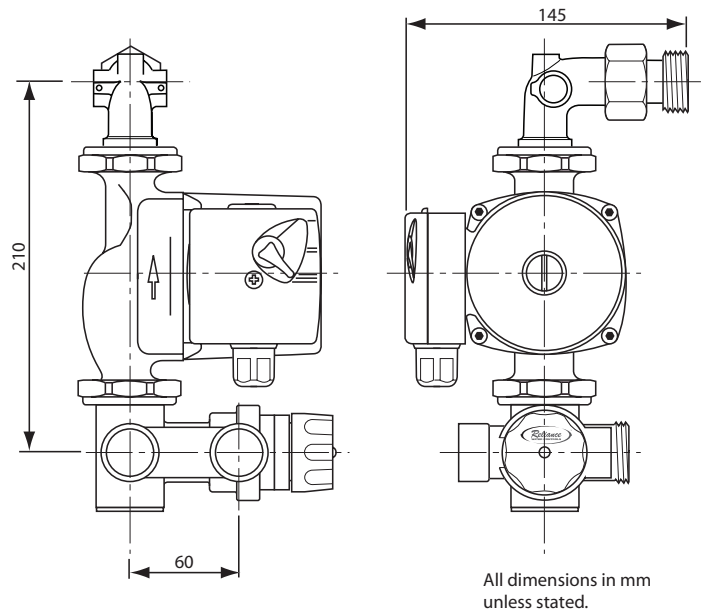
SPECIFICATIONS

Maximum static pressure: 16 bar
Maximum temperature: 110°C
Adjustable control range: 35°C to 65°C
Factory pre-set : 35°C (minimum)

PRESSURE DROP GRAPH



DIMENSIONS



NOTES

SECTION 3 - WIRING

3.1.

A fused spur should be provided adjacent to the manifold to provide power to the pump and two port zone valve if fitted.

3.2

To comply with IEE regulations, the pump on the JG Thermomix Pack **must** be provided with an earth. All wiring should be undertaken by a qualified installer and **must** conform to IEE regulations.

SECTION 4 - SETTINGS

4.1.

The mixing valve supplied as part of the JG Thermomix Pack has a temperature setting range as detailed below.

Min
40°C
45°C
50°C
55°C
60°C
Max

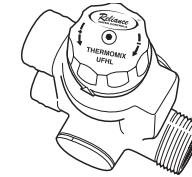
The temperature control is factory set in the adjustable position and at the minimum temperature (35°C)

PACK CONTENTS

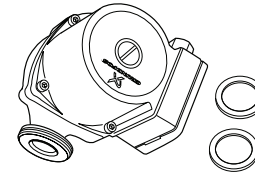
PLEASE CHECK CONTENTS OF PACK BEFORE BEGINNING INSTALLATION.

Description, Part Number and Quantity

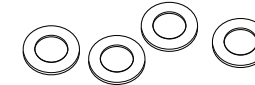
ThermoMix UFH Valve



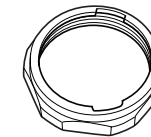
Grundfos 15/60 pump including rubber washers



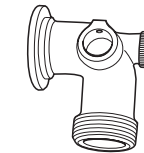
1" washers



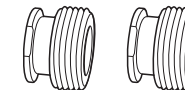
Pump nut



Connection elbow



1"MBSP x flat faced adaptors



Slip nut



Installation Instruction booklet

SECTION 1 - INTRODUCTION

Designed to work with manifolds of all types on 210mm centres. The JG Thermomix Pack is a bolt on unit providing a quick and simple system to install.

SECTION 2 - INSTALLATION

Before beginning the installation firmly fix the distribution manifolds to the wall leaving enough room beside the manifold to fit the control pack. (see dimensions)

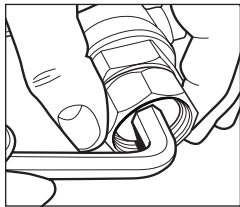
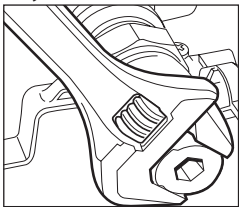
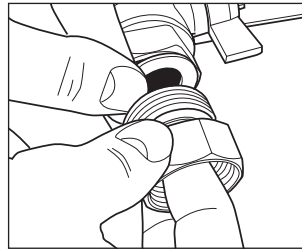
2.1.

Before beginning the installation of the JG Thermomix Pack, identify all of the components in the pack.

2.2

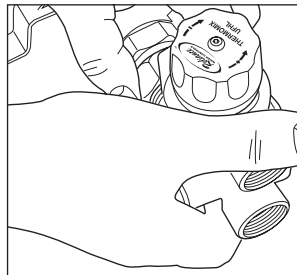
Assemble the 1" MBSP x flat faced adapters to both the flow and return manifold ball valves taking care to insert the 1" fibre washer beforehand.

Tighten the adapters into the ball valves by removing the slip nut and using the flats on the adapter itself to tighten into the ball valve and then re-fit the slip nut, alternatively the adaptor can be fitted using a 16mm allen key.



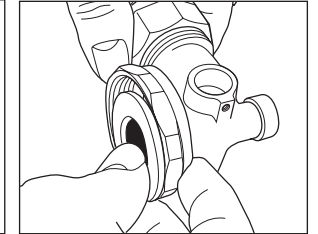
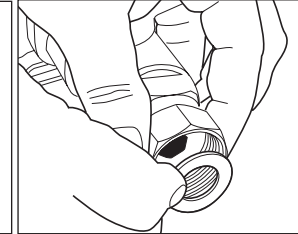
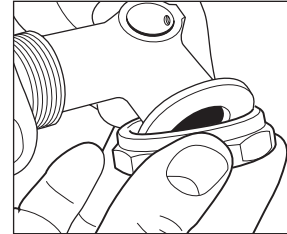
2.3

Connect the Thermomix UFH control valve to the return manifold by means of the 1" MBSP connection onto the flat faced union connection previously installed, remembering to fit the 1" fibre washer beforehand.



2.4

Slip the 1 1/2" pump nut over the flange on the flow connection elbow and then connect the elbow to the flow manifold by means of the 1" MBSP connection onto the flat faced union connection previously installed, remembering to fit the 1" fibre washer beforehand.



2.5

Slide the pump into position between the 2 flat faced connections ensuring that the direction of flow is correct and that the 2 rubber washers are in position. Tighten the pump union connections

