

SECONDARY PRESSURE RELIEF VALVE KIT

When replacing any part on this appliance, use only spare parts that you can be assured conform to the safety and performance specification that we require. Do not use reconditioned or copy parts that have not been clearly authorised by Ideal.

For the very latest copy of literature for specification and maintenance practices visit our website www.idealheating.com where you can download the relevant information in PDF format.

INTRODUCTION

This kit is suitable only for the domestic gas boilers listed below :

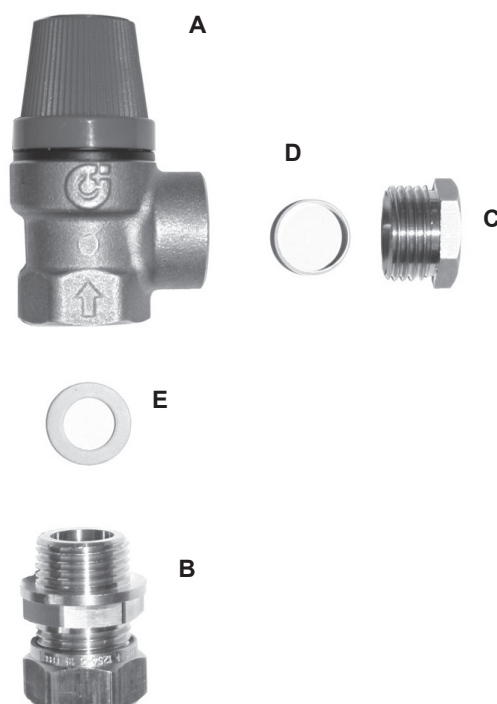
Esprit HE24	G.C. No. 47-348-46	Logic Combi ES24	G.C. No. 47-349-01
Esprit HE30	G.C. No. 47-348-47	Logic Combi ES30	G.C. No. 47-349-02
Esprit HE35	G.C. No. 47-348-48	Logic Combi ES35	G.C. No. 47-349-03
evo HE C22/24	G.C. No. 47-348-32	Logic Code Combi 26	G.C. No. 47-348-74
evo HE C22/30	G.C. No. 47-348-33	Logic Code Combi 33	G.C. No. 47-348-75
evo HE C22/35	G.C. No. 47-348-34	Logic Code Combi 38	G.C. No. 47-348-76
icos system HE15	G.C. No. 41-421-99	Logic Code Combi ES26	G.C. No. 47-349-04
icos system HE24	G.C. No. 41-397-82	Logic Code Combi ES33	G.C. No. 47-349-05
isar HE24	G.C. No. 47-348-31	Logic Code Combi ES38	G.C. No. 47-349-06
isar HE30	G.C. No. 47-348-30	Logic System 15	G.C. No. 41-750-24
isar HE35	G.C. No. 47-348-29	Logic System 18	G.C. No. 41-750-25
isar HE24 + Programmer	G.C. No. 47-348-43	Logic System 24	G.C. No. 41-750-26
isar HE30 + Programmer	G.C. No. 47-348-44	Logic System 30	G.C. No. 41-750-27
isar HE35 + Programmer	G.C. No. 47-348-45	Logic + System 15	G.C. No. 41-750-29
istor HE260	G.C. No. 41-394-13	Logic + System 18	G.C. No. 41-750-30
istor HE325	G.C. No. 41-394-14	Logic + System 24	G.C. No. 41-750-31
Logic Combi 24	G.C. No. 47-348-56	Logic + System 30	G.C. No. 41-750-32
Logic Combi 30	G.C. No. 47-348-57	Logic System 15IE	G.C. No. 41-750-44
Logic Combi 35	G.C. No. 47-348-58	Logic System 18IE	G.C. No. 41-750-45
Logic + Combi 24	G.C. No. 47-348-65	Logic System 24IE	G.C. No. 41-750-46
Logic + Combi 30	G.C. No. 47-348-66	Logic System 30IE	G.C. No. 41-750-47
Logic + Combi 35	G.C. No. 47-348-67	i-mini 24	G.C. No. 47-348-77
Logic Combi E24	G.C. No. 47-348-88	i-mini 30	G.C. No. 47-348-78
Logic Combi E30	G.C. No. 47-348-89	Project System 24	G.C. No. 41-750-59
Logic Combi E35	G.C. No. 47-348-90	Project System 30	G.C. No. 41-750-60

These instructions give advice on the connection and routing of the Safety Relief Discharge Pipe where a secondary PRV is required. The kit contains a secondary pressure relief valve (set at 2.5bar) and connection fittings (below).

1 KIT CONTENTS

Unpack the kit and check the contents.

- A. Pressure Relief Valve - 2.5 bar - 1 off
- B. BSP to Copper Coupling - 1 off
- C. G1/2" Nut - 1 off
- D. 15mm Copper Olive - 1 off
- E. 12mm Fibre Washer - 1 off



2 PIPEWORK LAYOUT - RECOMMENDED

Note.

In order to install this kit, ALL return pipework MUST be made from copper and under no circumstances can plastic pipe be used.

This pressure relief valve should be connected to the central heating system primary return pipe.

Copper pipework and fittings MUST NOT be less than 15mm dia.

All vertical runs to be kept to an absolute minimum. The length of the pipe required will depend upon the individual circumstances of each installation.

The connection MUST be made DOWNSTREAM of the return isolation cock.

A further 'tee-piece' should also be included in the return to allow connection of the 'secondary' pressure relief pipe work.

This can then be routed upwards out of the cellar or below ground level installation. Note the direction of flow arrow on the secondary safety relief valve.

There must be no valve, tap or other device that could interrupt the flow of water in the pipe route between the boiler pressure valve and the point of discharge.

The discharge pipe must never rise higher than the pressure valve.

The discharge position must comply with all standards, appropriate codes of practice and building regulations.

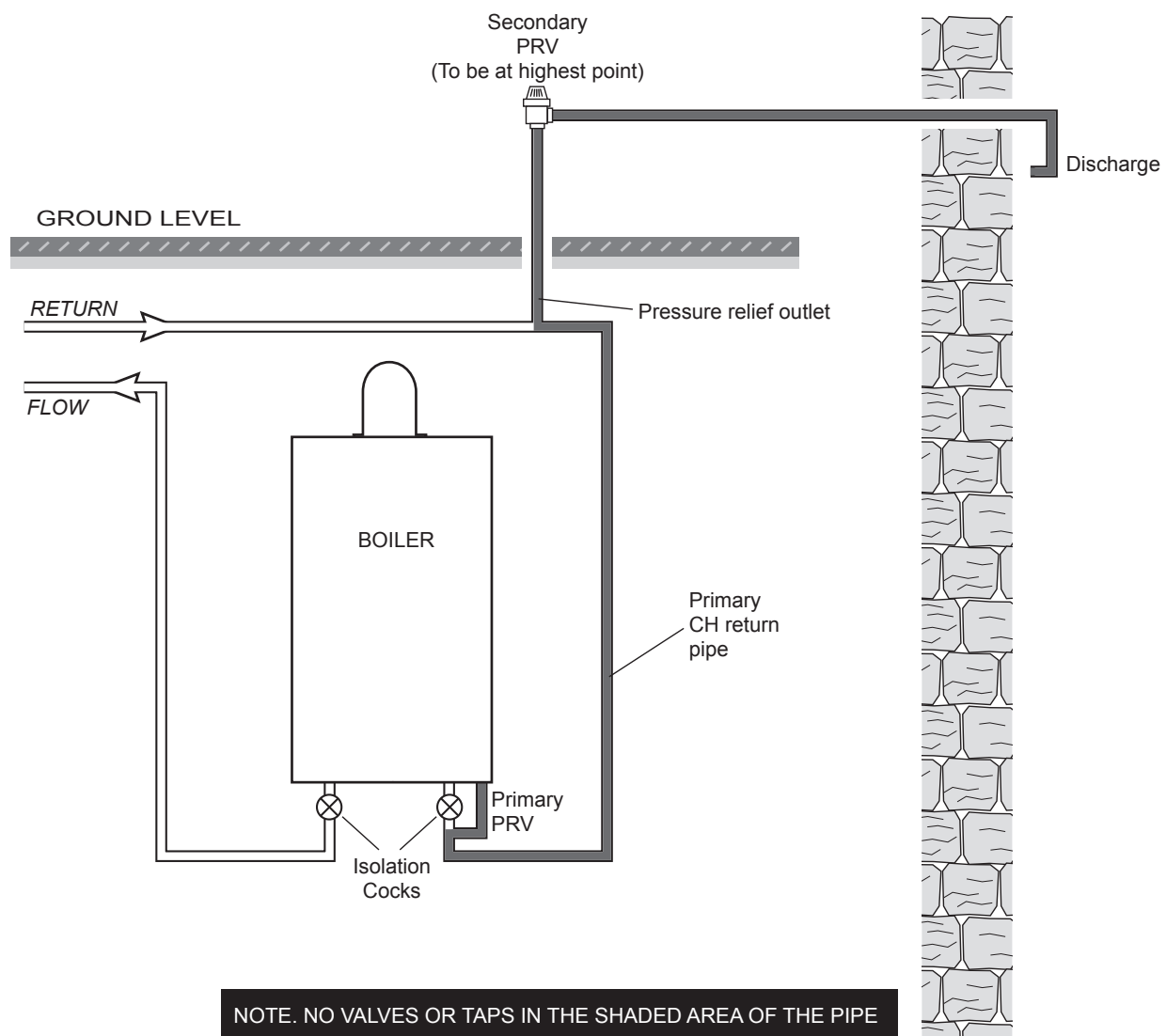
Consideration should be given to the fitting of an additional expansion vessel on systems of larger volume.

Once installation has been completed, ensure that the connection to the boiler safety relief valve is tight and sound.

NOTE.

Diagram below shows boiler installation below ground level.

(Secondary PRV kit may also be used on above ground installations)



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