



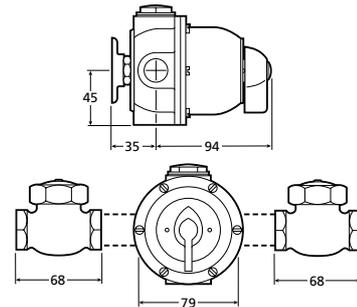
RADA 53/1, 54/1 & a55 THERMOSTATIC STEAM WATER HEATERS



Rada 53/1

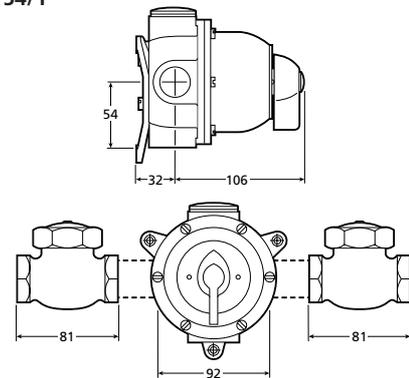
Dimensions (All dimensions in mm)

Rada 53/1



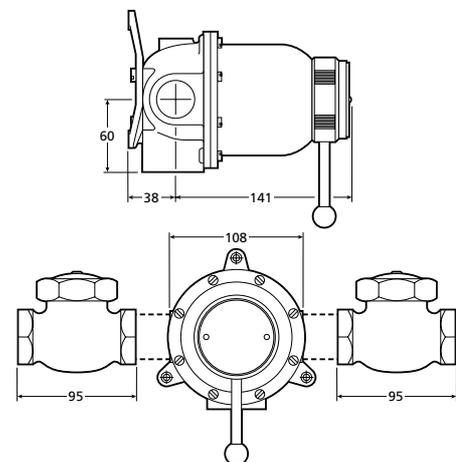
Rada 54/1

Rada 54/1



Rada a55

Rada a55



Inset illustrates appropriate check valve (two required per valve).
Check valves not supplied with mixing valves – available as accessory items.

Specify as follows:

Rada 53/1, Part No. 1.0.704.01.1; Rada 54/1, Part No. 1.0.681.01.1; Rada a55, Part No. 1.0.642.01.1 Thermostatic Steam and Water Heaters, incorporating maximum temperature stop.

The valve body is manufactured from copper alloys and uses a bi-metallic thermostatic mechanism.

Description

A range of thermostatic steam and water mixing valves for industrial applications.

The temperature of the outlet water is controlled thermostatically, compensating automatically for changes in the pressures and temperatures of the hot and cold supplies.

The temperature selection control allows the user to select the required temperature within the range available. An integral temperature stop limits the maximum temperature to a pre-set level and can only be reset by an authorised person.

Not suitable for use with superheated steam or in ablutionary applications.

When the flow control is on the outlet of the valve, the steam pressure must be at least 0.35 bar below that of the water, and check valves (gravity-lift pattern) fitted on the inlets. If the steam pressure is above the water pressure, flow must be controlled by means of appropriate valves on the inlets.

Materials

Both the body and the cover are manufactured from copper alloys and are chrome plated. The thermostatic control is a bi-metallic coil operating a pillar and sleeve.

All materials are suitable for normal steam and water supplies.

Standards

The 53/1, 54/1 and a55 are designed to comply with the performance requirements of BS1415 Part 2, the British Standard for thermostatic mixing valves.

Plumbing installations must comply with local Water Authority or Water Undertaker's Byelaws and Building Regulations.

Connections

Hot and cold inlets are clearly marked on the valve body. Steam left, water right. All are supplied with bottom outlet.

Rada 53/1 Inlets: 1/2" BSP female.
Outlet: 3/4" BSP female.

Rada 54/1 Inlets: 3/4" BSP female.
Outlet: 1" BSP female.

Rada a55 Inlets: 1" BSP female.
Outlet: 1 1/4" BSP female.

All valves are designed to be installed on vertical surfaces. The use of supply line or zone strainers is strongly recommended. Conveniently situated isolating valves must be fitted for servicing purposes.

Pressure Range

Minimum pressures: water 0.15 bar; steam 0.5 bar.

Maximum pressures: water 8.4 bar; steam 7 bar.

Maximum pressure ratio 3:1 in favour of either supply.

For safety reasons steam pressure must be lower than water pressure if flow control is on the outlet of the heater.

Temperature Range

Nominally, all heaters are capable of providing water at any temperature up to 85°C, but the temperature range available to the user is limited to the required maximum.

Maintenance

Maintenance, as necessary, should be in accordance with instructions supplied with each product.

Repairs and Replacements

All replacement parts can be obtained direct from Kohler Mira Customer Services, Tel: 01242 262888, Fax: 01242 282595, or one of our network of local stockists.

Technical Services

Backed with expert Rada aftersales support:

- Technical advice on all aspects of pre- and post-installation.
- On-site surveys and technical support.
- Unrivalled experience and expertise in providing reliable, quality products for the commercial washroom.
- 12 months guarantee from date of installation covering faulty materials and workmanship within the product.

BJØRN HAMMER A/S

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